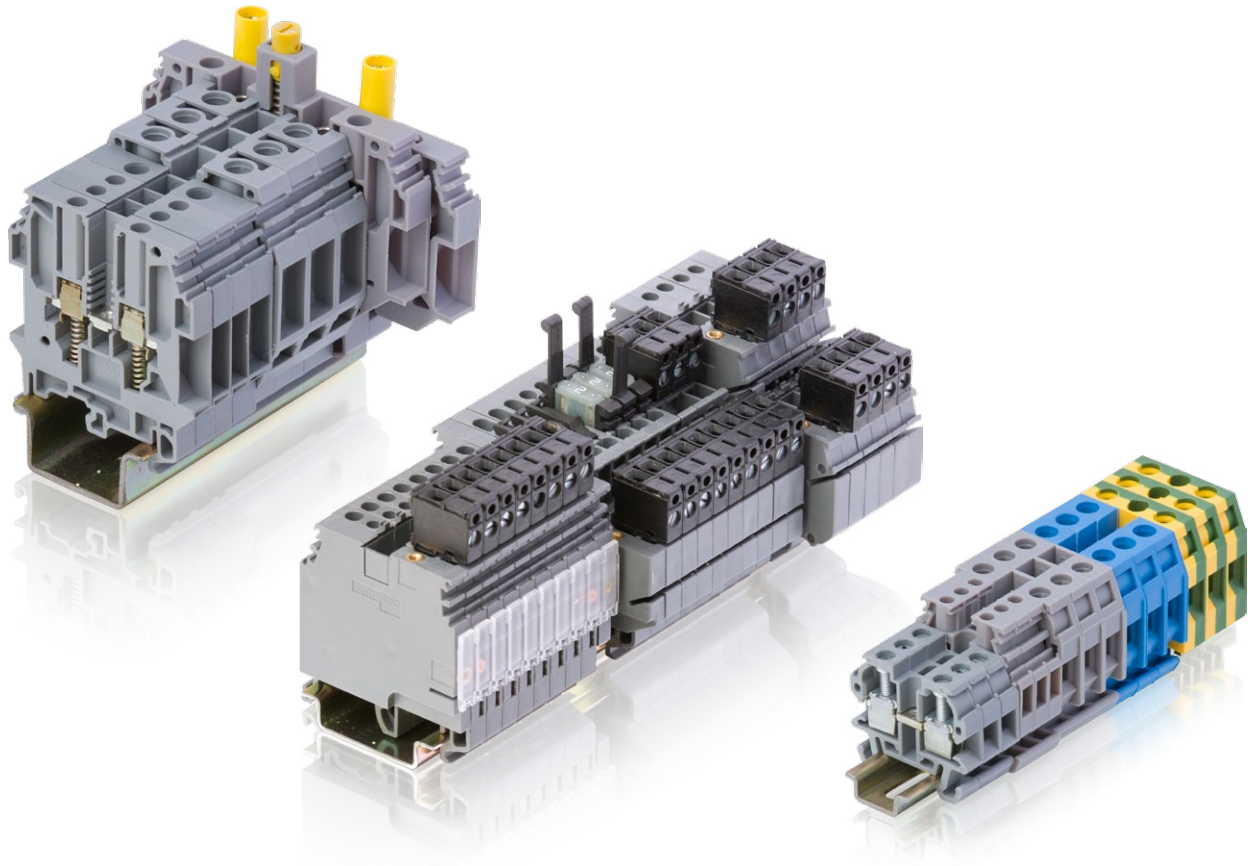


Main catalog

Solution series Terminal blocks

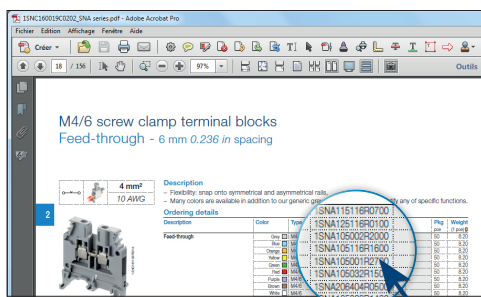


Solution series

Terminal blocks

Connection devices offering	2	1
ADO System® IDC terminal blocks	11	2
Spring loaded screw clamp terminal blocks	61	3
Stud terminal blocks	73	4
Ring lug terminal blocks	91	5
Miniblocks	103	6
Test & measurement terminal blocks	147	7
Pluggable terminal blocks	165	8
Sensors / Actuators terminal blocks	181	9
Installation terminal blocks	197	10
Protection terminal blocks	231	11
Disconnect terminal blocks	239	12
Component holder terminal blocks	247	13
Index	262	14

You can access to more product details, click on the order code



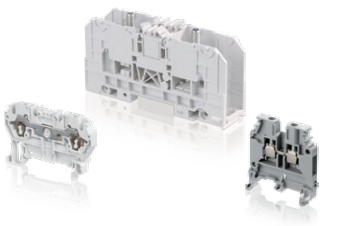

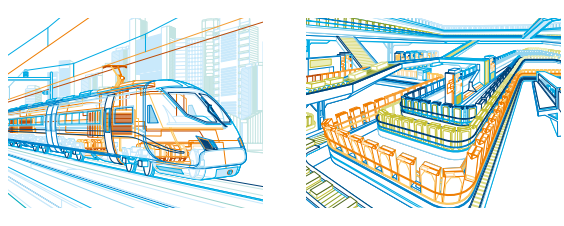



1SNC160065S0201

Connection devices offering

1

ABB proposes one of the largest connection offering on the market with various technologies: screw, spring, IDC, pluggable, stud... technologies found in over 6000 products & solutions.

IN THIS CATALOG

	SNA series		SNK series		Terminal blocks	
Purpose	Standard industrial applications		Preferred terminal blocks for: High standard industries Building industry Channel partners		Market segments	Applications/functions
Product families & functions	Screw	Feed-through Multi-deck Ground Disconnect For fuses	Screw	Feed-through Multi-deck Ground Disconnect For fuses	Energy Railway Process automation Petro-chemical Instrumentation Hazardous locations HVAC & Compressor Wind Pump & Water Machinery & Safety Critical power Solar	Protection: PEN, neutral switch Disconnect: multilevel, plugs... For fuse protection Test & Measurement Sensor actuator For distribution boxes Space saving: miniblocks Power distribution Component holders
	Spring	Feed-through Double deck Ground Disconnect For fuses	PI-Spring	Feed-through Double deck Ground Disconnect		
	Stud	Feed-through	Pluggable PI-Spring	Feed-through 1 or 2 circuits		
						
Main catalog	SNA series - Terminal blocks 		SNK series - Terminal blocks 		Solution series - Terminal blocks 	
Web	www.abb.com/lowvoltage catalog pages, certificates, approvals http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals www.web-edia.com catalog pages, videos, presentations, drawings, tools http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages http://abb-control-products.partcommunity.com 3D & 2D drawings download	

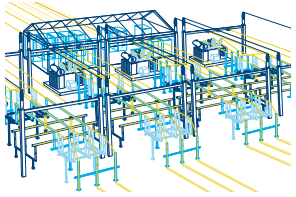


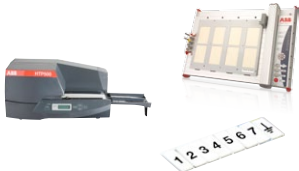



Solution series				
	Technologies	ESSAILEC®	Interfast	Marking
		Test blocks	Pre-wiring for PLC	Markers & marking systems
	<p>Screw clamp Spring clamp ADO System® Pluggable Safety (spring loaded) Stud</p>	<p>Current & voltage sockets Current & voltage plugs</p>	<p>Interfast PCB Interfast MS Cables</p>	<p>Marking systems Markers for terminal blocks: – Pre-marked – Blanks Markers for wires & cables Adhesive labels</p>
				
		<p>ESSAILEC® test blocks</p> 	<p>Interface modules & selection guides</p> 	<p>Marking solutions</p> 
		<p>www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals</p>	<p>www.abb.com/lowvoltage catalog pages, selection guides (ABB, Siemens, Schneider, Rockwell...), brochures, technical datasheets, certificates, approvals</p> <p>www.web-emedial.com/interfast eSelection guide, catalog pages, videos, presentations, drawings</p>	<p>www.abb.com/lowvoltage catalog pages, user guide, softwares</p>

ABB screw clamp technology

The heavy duty connection

1

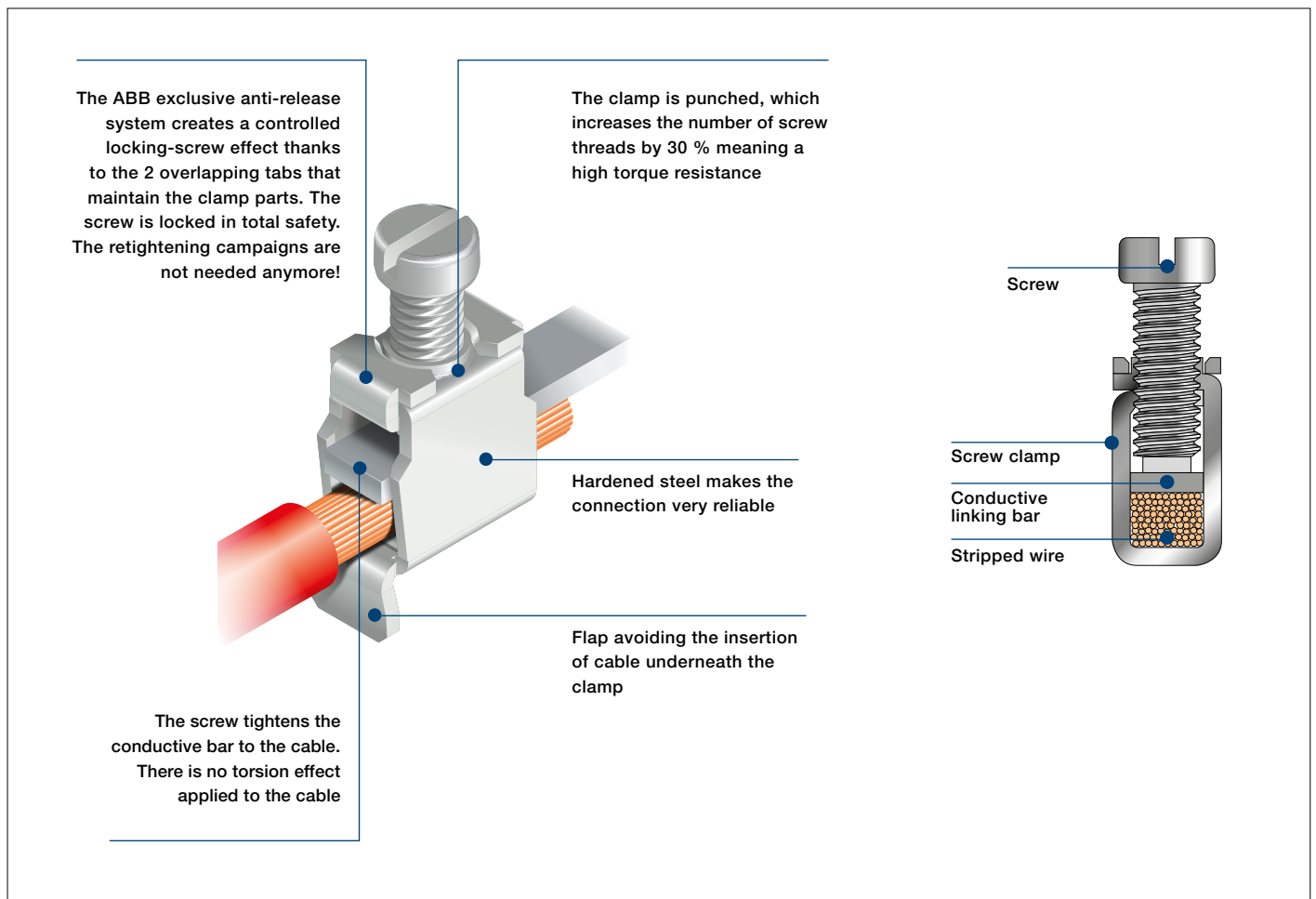
Unique design, flies over time thanks to its reliability and safety

The ABB screw clamp technology is designed to avoid accidental releases due to vibrations, shocks or even abusive cable draw. Our exclusive design minimizes the needs of retightening campaigns.

High density capacity

The screw clamp technology can fit up to two conductors per clamp which offers extended possibilities in electrical cabinets.

Features



From 0.22 mm² up to 240 mm²
From 24 AWG up to 500 Kcmil

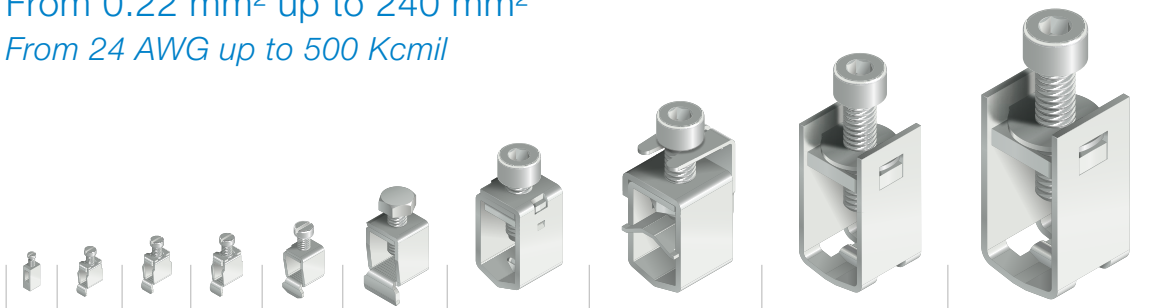


ABB spring loaded screw clamp technology

The safety connection for demanding working conditions

Exclusive design provide robustness and connection safety

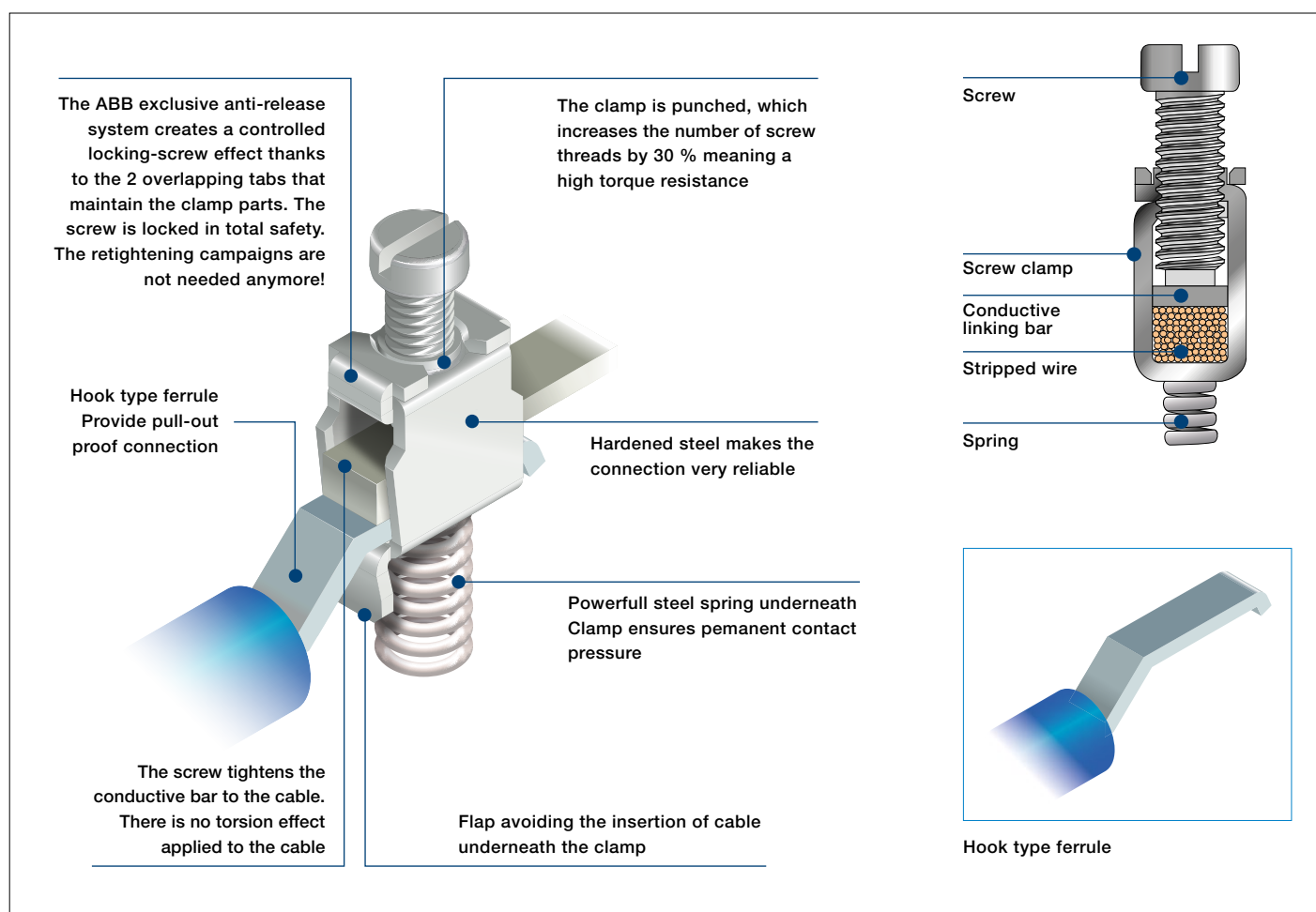
The ABB screw clamp spring loaded terminal is designed to guarantee electrical continuity even when screws are loosened unintentionally.

It features all the benefits of our screw clamp with additional vibration, shock resistant and maintenance free performances.

High density wiring

The screw clamp spring loaded terminal can fit up to two conductors equipped with bent ferrules per clamp.

Features



From 0.22 mm² up to 10 mm²
From 24 AWG up to 6 AWG

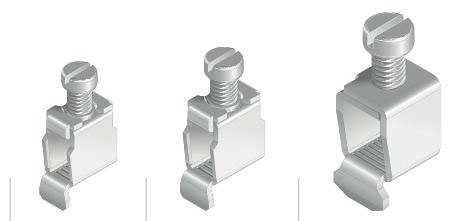
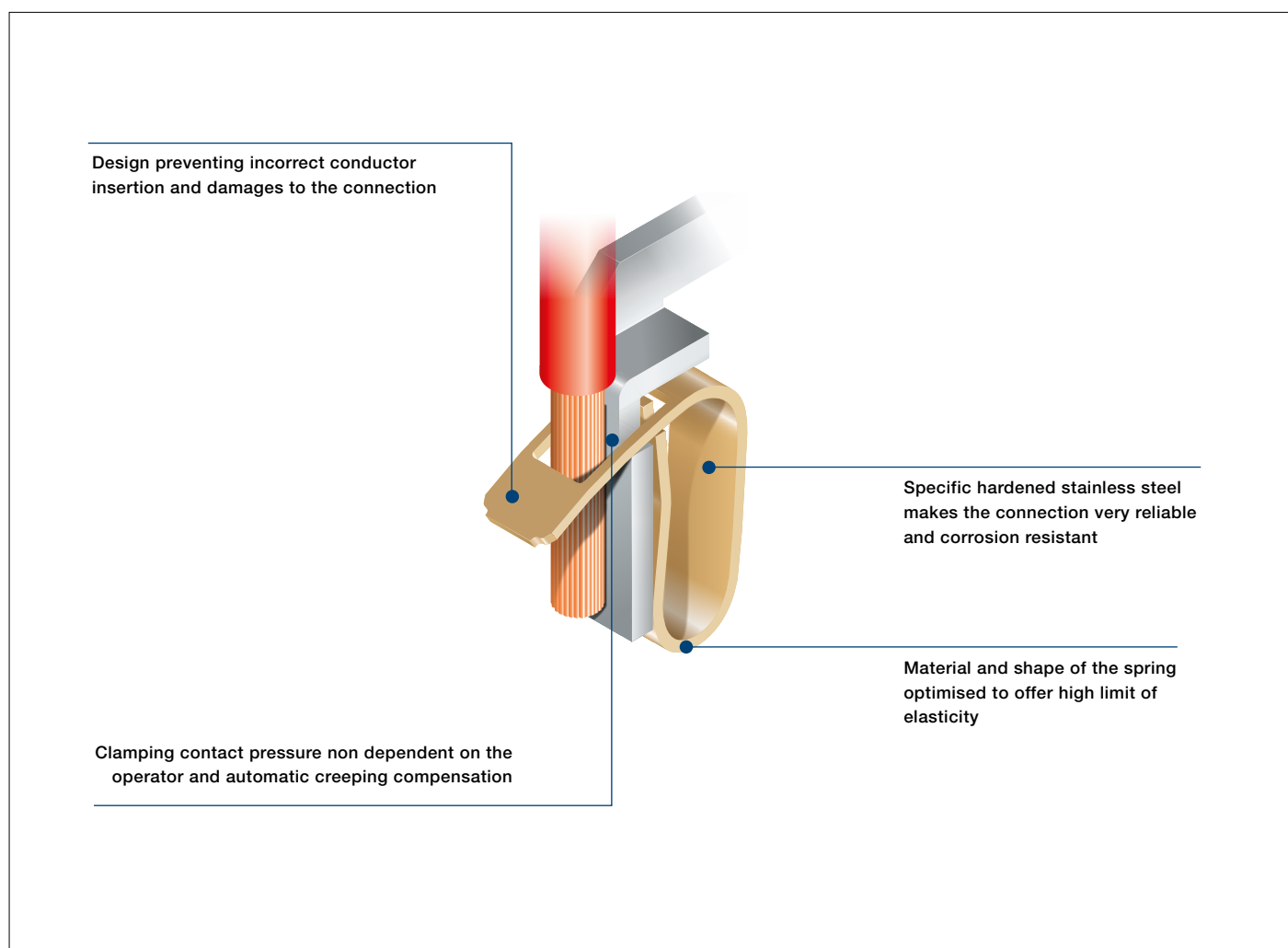


ABB spring clamp technology

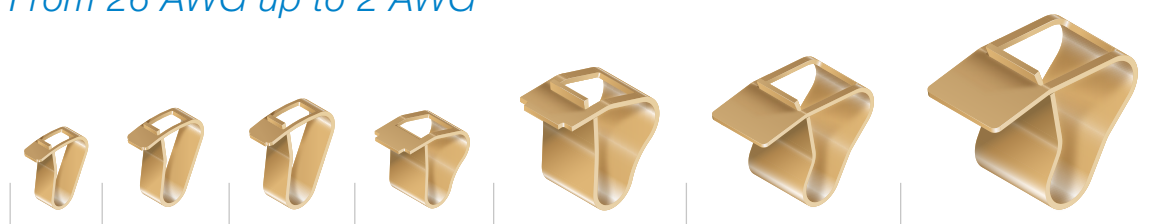
1 Experience the flexible connection

The ABB spring clamp technology combines all the features appreciated from electrical users by combining flexibility of use with front entry, a good vibration withstand, clamping pressure non dependent on the operator and automatic creeping compensation suppressing the needs of retightening campaigns.

Features



From 0.12 mm² up to 35 mm²
From 26 AWG up to 2 AWG



ADO System® IDC technology

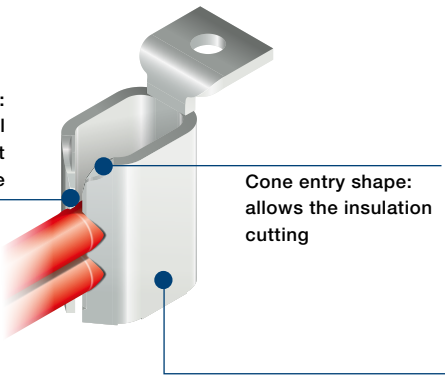
The fastest and most reliable connection technology

ADO system® is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical world. (RJ45 connectors used in Telecom for instance).

Our ADO system® features one single piece which (when associated with its dedicated tool) combines the wire preparation and the wire connection. Its design is made to connect up to two conductors (standard wires as well as special wires) in the same jaw.

1

Features



Contact lips: allows the electrical contact with a permanent cable contact pressure

Cone entry shape: allows the insulation cutting

ADO system® jaw: "C shape" spring

Corrosion proof

Gas-tight connection
Contact points are wrapped by the insulation.

Low galvanic couple of copper alloy jaw pinching the wire at two points.

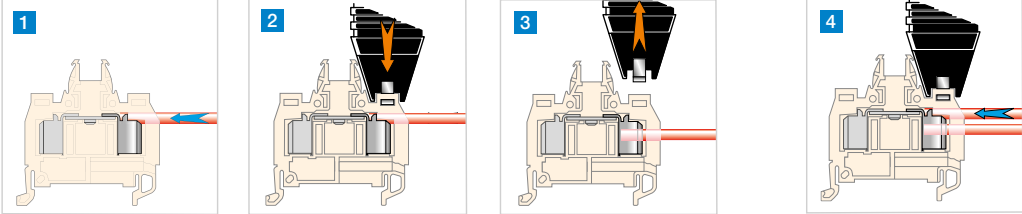
Vibration proof

Wire insulation is pinched by the insulating body.

Unstripping insulator absorbs vibrations.

Contact forces are permanently balanced.

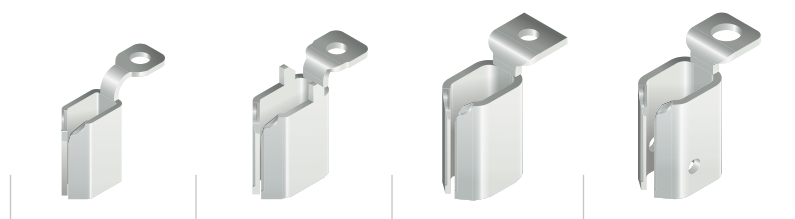
Instructions:



- 1 Insert the wire (not stripped) in the ADO System® jaw until it butts.
- 2 Position the tool in the recess and pull the trigger fully and release it.
- 3 Remove the trigger. (the tool will not be released if the connection is not completed).
- 4 Follow the same process if a second wire has to be connected (same size and same nature). The first wire preliminary installed, will remain perfectly and safely maintained in the clamp during the second wire cabling process.

Two conductors

From 0.22 mm² up to 4 mm²
From 24 AWG up to 12 AWG



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ABB Stud technology

The connection for power and energy circuits

1

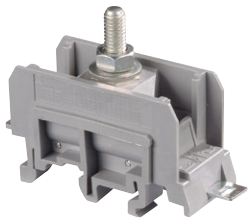
Reliability first

Stud technology is designed to ensure a reliable connection thanks to the combination of:

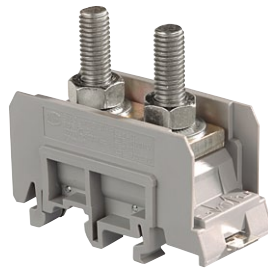
- Vibration resistant equipments (nuts, washers),
- Lugs crimped on the cable provide pull-out proof termination.

This technology is very popular on the American market and particularly in the energy applications.

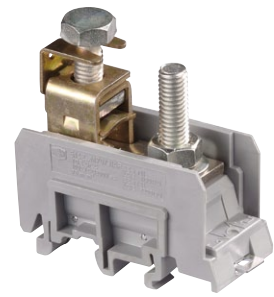
Available configurations



One stud

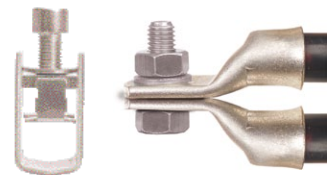
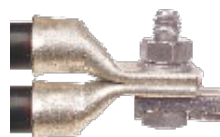


Two studs



One wire clamp / one stud

Connection technics



Up to 300 mm² / 1 000 Kcmil



M4-M5
6 mm²
8 AWG



M6
35 mm²
1 AWG



M8
70 mm²
000 AWG



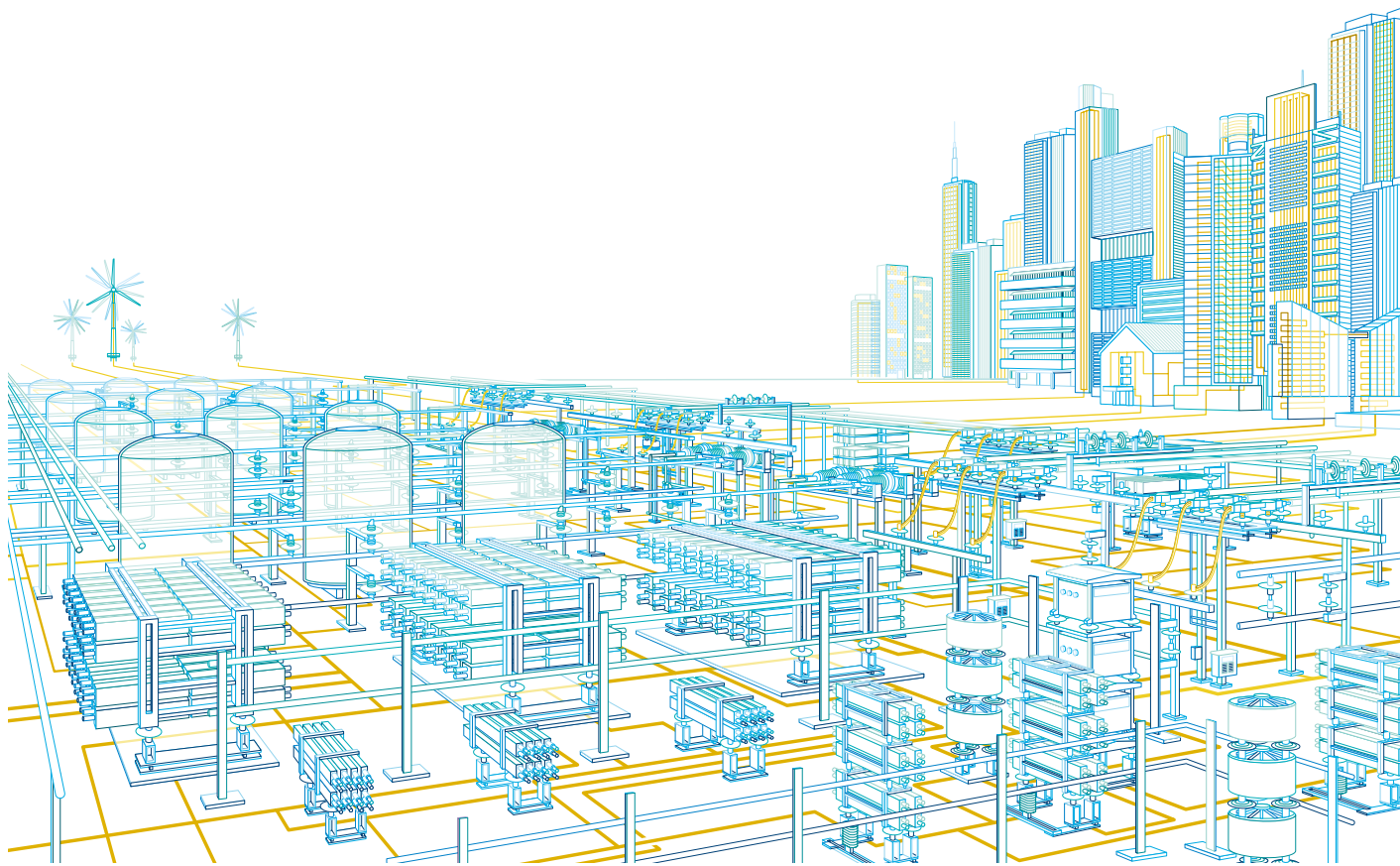
M10
120 mm²
300 Kcmil



M12
185 mm²
500 Kcmil



M16
300 mm²
1 000 Kcmil





Solution series, terminal blocks

ADO System® IDC technology



Technologies presentation	12
Overview	14

ADO / screw clamp

Feed-through

1 mm ² / 18 AWG	D2.5/5.ADO	17
1.5 mm ² / 16 AWG	D4/6.ADO	18
2.5 mm ² / 14 AWG	D6/8.ADO	20
4 mm ² / 12 AWG	D6/8.ADO3	22

Ground

1 mm ² / 18 AWG	D2.5/5.P.ADO	23
1.5 mm ² / 16 AWG	D4/6.P.ADO	24
2.5 mm ² / 14 AWG	D6/8.P.ADO	25
4 mm ² / 12 AWG	D6/8.P.ADO3	26

Double deck

1.5 mm ² / 16 AWG	D4/6.D2.ADO	27
2.5 mm ² / 14 AWG	D6/8.D2.ADO	28

Disconnect with blade

1 mm ² / 18 AWG	D2.5/5.SN.ADO	29
1.5 mm ² / 16 AWG	D4/6.SN.ADO	31
2.5 mm ² / 14 AWG	D4/8.SN.ADO	33

For 5 x 20 and 5 x 25 mm fuse (0.197 x 0.787 in and 0.197 x 0.984 in)

1.5 mm ² / 16 AWG	D4/8.SF...I.ADO	34 to 36
2.5 mm ² / 14 AWG	D4/8.SF...I.ADO2	37 to 38

Disconnect with lever

1.5 mm ² / 16 AWG	D4/8.SN...I.ADO	39
2.5 mm ² / 14 AWG	D4/8.SN...I.ADO2	40

ADO / ADO

Feed-through

1 mm ² / 18 AWG	D1/5.ADO	41
1.5 mm ² / 16 AWG	D1.5/6.ADO	42
2.5 mm ² / 14 AWG	D2.5/8.ADO	43
4 mm ² / 12 AWG	D4/8.ADO	44

Ground

1 mm ² / 18 AWG	D1/5.P.ADO	45
1.5 mm ² / 16 AWG	D1.5/6.P.ADO	46
2.5 mm ² / 14 AWG	D2.5/8.P.ADO	47
4 mm ² / 12 AWG	D4/8.P.ADO	48

Double deck

1.5 mm ² / 16 AWG	D1.5/6.D2.ADO	49
------------------------------	---------------	----

Disconnect with blade

1 mm ² / 18 AWG	D1/5.SNT2.ADO	50
1.5 mm ² / 16 AWG	D1.5/6.SNT2.ADO	51
2.5 mm ² / 14 AWG	D2.5/8.SNT2.ADO	52

For 5 x 20 and 5 x 25 mm fuse (0.197 x 0.787 in and 0.197 x 0.984 in)

1.5 mm ² / 16 AWG	D1.5/8.SF.ADO	53 to 54
2.5 mm ² / 14 AWG	D2.5/8.SF.ADO2	55 to 56

Disconnect with lever

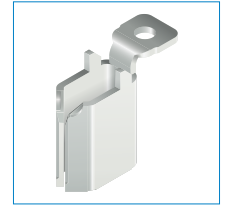
1.5 mm ² / 16 AWG	D1.5/8.SNN.ADO	57
2.5 mm ² / 14 AWG	D4/8.SNNT.ADO2	58

Solution series, terminal blocks ADO System® IDC technology



Rely on our expertise

With ADO System®, ABB is the leader in IDC technology since 25 years. More than 4000 customers worldwide are using this technology with success in the most severe environments.



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.



Experience the fastest and the most reliable connection on the market

Secure your connection process

Tool is **locked** on terminal block **during all connection process**. The conductor requires **no preparation** (no stripping, no ferrule). **Maintenance free** (screwless connection).

No fatigue thanks to the use of automatic tool.

Well adapted to special cables.

Speed up your wiring process and reduce time to market!

Reduce wiring time up to 80 % compare to a screw connection with ferrules.

High speed Connection process: **less than 3 seconds!**

No preparation of cable, no tightening, no use of ferrules.

Pneumatic tool available for even faster process.

Trust ADO System® reliability in any environments

ADO System® technology provides **superior performances** and is the best solution for installations with **severe** constraints (continuity of service, clearance for work) as well as strong environmental requirements (**vibrations, corrosion**) This is the reason why today ADO System® is successfully used in **chemical/petrochemical, traction, waste water treatment** environments.



Connection process secured:
Tool locked on terminal blocks, high speed connection

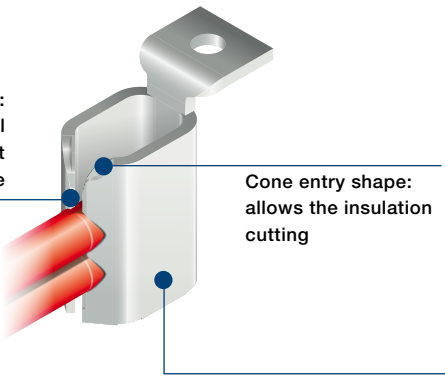
ADO System® IDC technology

The fastest and most reliable connection technology

ADO System® is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical world. (RJ45 connectors used in Telecom for instance).

Our ADO System® features one single piece which (when associated with its dedicated tool) combines the wire preparation and the wire connection. Its design is made to connect up to two conductors (standard wires as well as special wires) in the same jaw.

Features



Contact lips:
allows the electrical contact with a permanent cable contact pressure

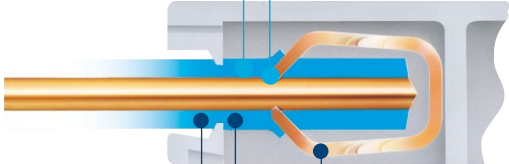
Cone entry shape:
allows the insulation cutting

ADO System® jaw:
"C shape" spring

Corrosion proof

Gas-tight connection
Contact points are wrapped by the insulation.

Low galvanic couple of copper alloy jaw pinching the wire at two points.

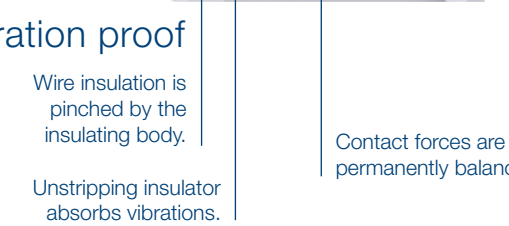


Vibration proof

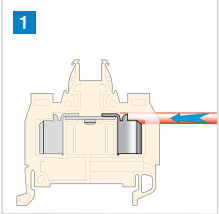
Wire insulation is pinched by the insulating body.

Unstripping insulator absorbs vibrations.

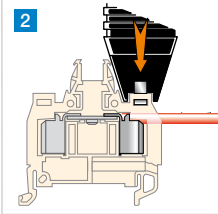
Contact forces are permanently balanced.



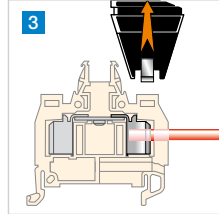
Instructions:



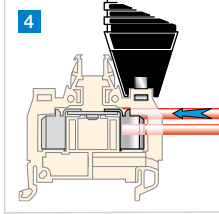
1 Insert the wire (not stripped) in the ADO System® jaw until it butts.



2 Position the tool in the recess and pull the trigger fully and release it.



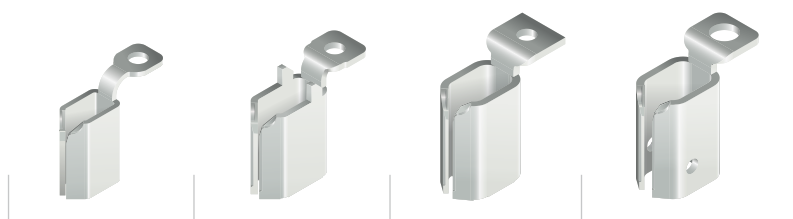
3 Remove the trigger. (the tool will not be released if the connection is not completed).



4 Follow the same process if a second wire has to be connected (same size and same nature).
The first wire preliminary installed, will remain perfectly and safely maintained in the clamp during the second wire cabling process.

Two conductors

From 0.22 mm² up to 4 mm²
From 24 AWG up to 12 AWG



Solution series, terminal blocks

ADO System® IDC technology

ADO / screw clamp

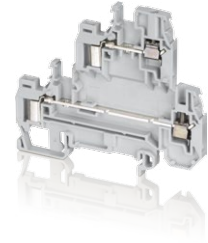
2



Feed-through



Ground



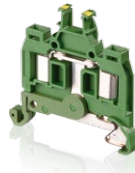
Double deck

Section							
IEC	UL/CSA						
1 mm ²	18 AWG	D2.5/5.ADO	5 mm 0.197 in	D2.5/5.PADO	5 mm 0.197 in		
1.5 mm ²	16 AWG	D4/6.ADO	6 mm 0.236 in	D4/6.PADO	6 mm 0.236 in	D4/6.D2.ADO	6 mm 0.236 in
2.5 mm ²	14 AWG	D6/8.ADO	8 mm 0.315 in	D6/8.PADO	8 mm 0.315 in	D6/8.D2.ADO	8 mm 0.315 in
4 mm ²	12 AWG	D6/8.ADO3	8 mm 0.315 in	D6/8.PADO3	8 mm 0.315 in		

ADO / ADO



Feed-through



Ground



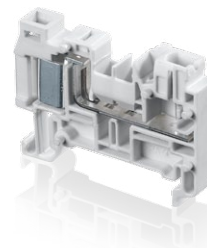
Double deck

Section							
IEC	UL/CSA						
1 mm ²	18 AWG	D1/5.ADO	5 mm 0.197 in	D1/5.PADO	5 mm 0.197 in		
1.5 mm ²	16 AWG	D1.5/6.ADO	6 mm 0.236 in	D1.5/6.PADO	6 mm 0.236 in	D1.5/6.D2.ADO	6 mm 0.236 in
2.5 mm ²	14 AWG	D2.5/8.ADO	8 mm 0.315 in	D2.5/8.PADO	8 mm 0.315 in		
4 mm ²	12 AWG	D4/8.ADO	8 mm 0.315 in	D4/8.PADO	8 mm 0.315 in		

Complementary functions: see related chapters in this catalog

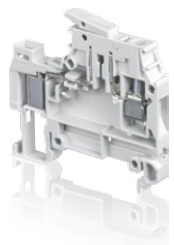


Miniblocks



Pluggable

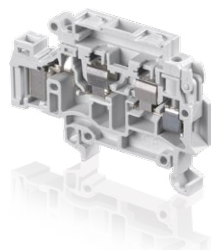
All the technical data for UL/CSA standard and dimensions in inches are in italic.



Disconnect with blade



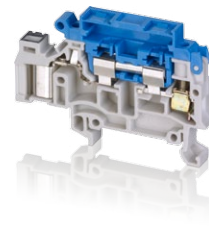
D2.5/5.SN.ADO	5 mm <i>0.197 in</i>
D4/6.SN.ADO	6 mm <i>0.236 in</i>
D4/8.SN.ADO	8 mm <i>0.315 in</i>



Fuse



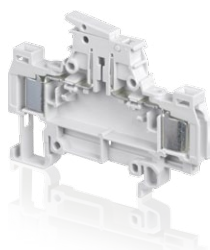
D4/8.SF...I.ADO	8 mm <i>0.315 in</i>
D4/8.SF...I.ADO2	8 mm <i>0.315 in</i>



Disconnect with lever



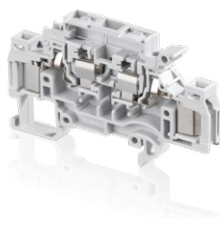
D4/8.SN...I.ADO	8 mm <i>0.315 in</i>
D4/8.SN...I.ADO2	8 mm <i>0.315 in</i>



Disconnect with blade



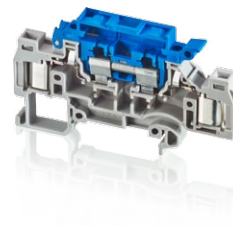
D1/5.SNT2.ADO	5 mm <i>0.197 in</i>
D1.5/6.SNT2.ADO	6 mm <i>0.236 in</i>
D2.5/8.SNT2.ADO	8 mm <i>0.315 in</i>



Fuse



D1.5/8.SF.ADO	8 mm <i>0.315 in</i>
D2.5/8.SF.ADO2	8 mm <i>0.315 in</i>



Disconnect with lever



D1.5/8.SNN.ADO	8 mm <i>0.315 in</i>
D2.5/8.SNNT.ADO2	8 mm <i>0.315 in</i>

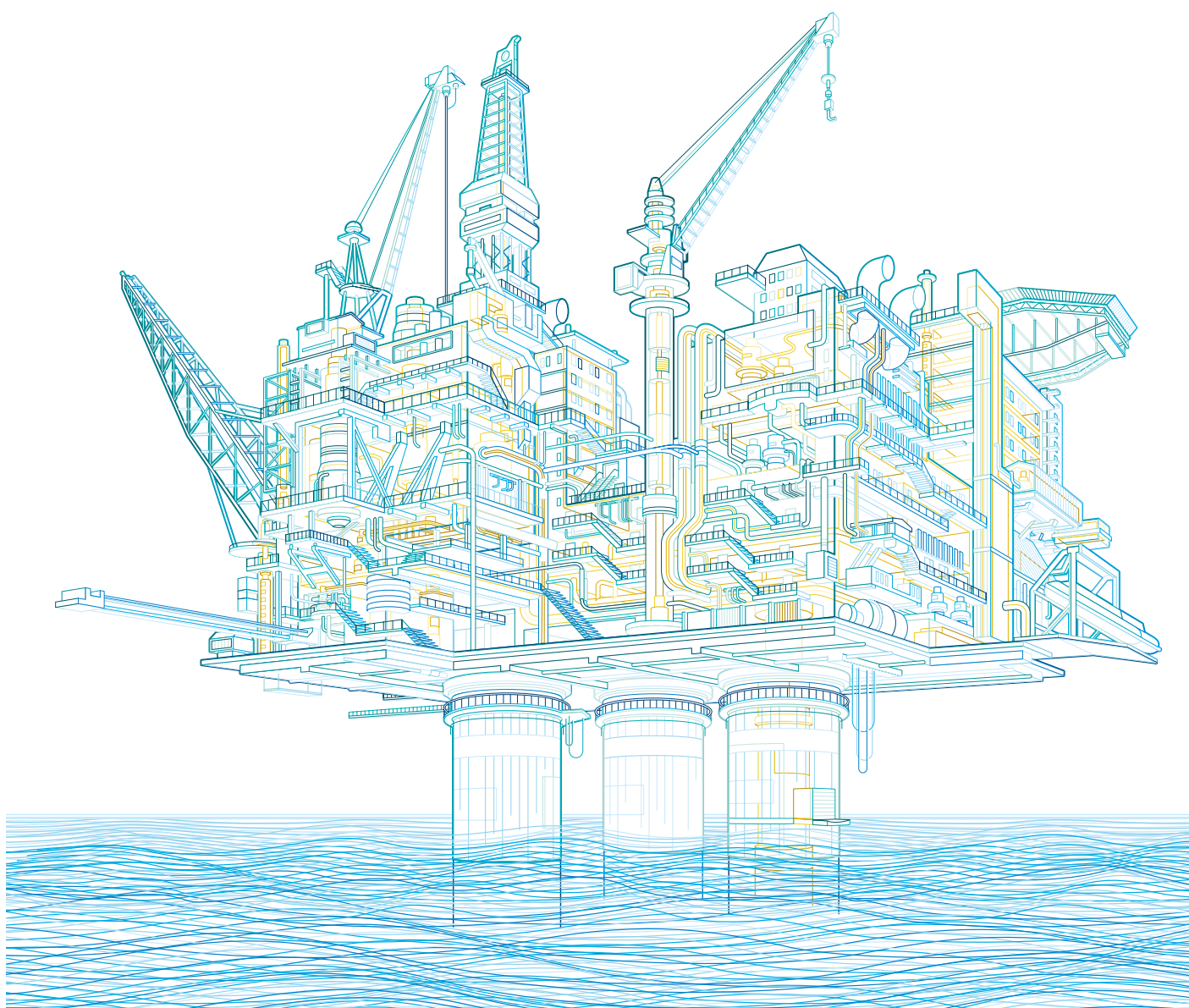


Sensors / actuators



Component holders

All the technical data for UL/CSA standard and dimensions in inches are in italic.

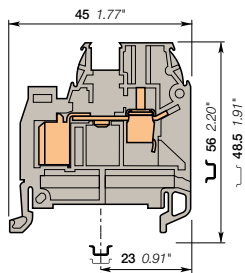


D2.5/5.ADO IDC terminal blocks

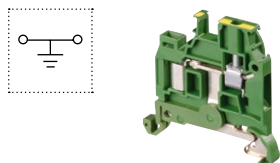
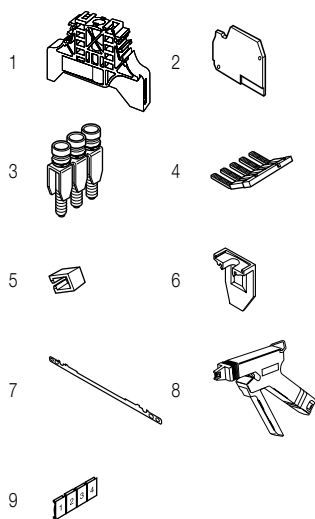
Feed-through ADO - screw clamp - 5 mm 0.197 in spacing



D2.5/5.ADO



5 mm 0.197 in spacing



Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	D2.5/5.ADO	1SNA199554R2300	50	6.00
	Blue	D2.5/5.N.ADO	1SNA199556R2500	50	6.00
	Orange	D2.5/5.ADO	1SNA199555R2400	50	6.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.2-1 mm²		24-18 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm²		24-18 AWG	Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		22-12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with insulated ferrule	0.22-2.5 mm²				
	Gauge	A3				
Rated current / Rated cross section		13.5 A / 1 mm²		7 A / 18 AWG	Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A				
Rated voltage		1000 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	cCSAus	Gost R				
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEDAD1	1SNA199336R2000	20	2.50	
3 Jumper bars		2 poles 24 A	BJMI5-2	1SNA176278R1600	10	3.30
		3 poles	BJMI5-3	1SNA176279R1700	10	5.00
		4 poles	BJMI5-4	1SNA176280R0500	10	6.70
		5 poles	BJMI5-5	1SNA176281R2200	10	8.40
		10 poles	BJMI5-10	1SNA176282R2300	10	16.90
4 Lateral jumper bars	Grey	2 poles 30 A	PC5-2	1SNA113542R1000	10	1.80
		10 poles	PC5-10	1SNA113544R1200	10	6.00
5 Insulating tips		For lateral jumper bars type PC...	EIP	1SNA113550R2400	10	
6 Circuit separators	Grey		SCAD5	1SNA199551R2000	10	0.30
7 Shield connectors			CBM5	1SNA178745R1400	50	
8 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
			RC510	1SNA231000R0700	1	5.20
9 Terminal block markers	White	Blank card				

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground IDC terminal blocks

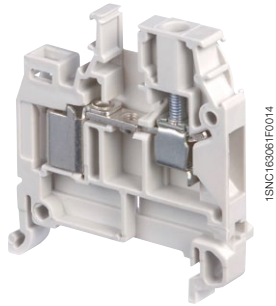
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D2.5/5.ADO	Green-yellow	D2.5/5.P.ADO	1SNA399030R0500	50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

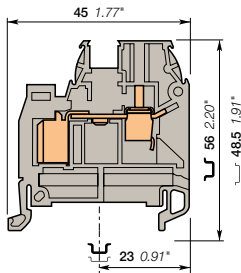
D4/6.ADO IDC terminal blocks

Feed-through ADO - screw clamp - 6 mm 0.236 in spacing

2



D4/6.ADO



Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	D4/6.ADO	1SNA199034R1500	50	7.00
	Blue <input type="checkbox"/>	D4/6.N.ADO	1SNA199036R1700	50	7.00
	Orange <input type="checkbox"/>	D4/6.ADO	1SNA199035R1600	50	7.00

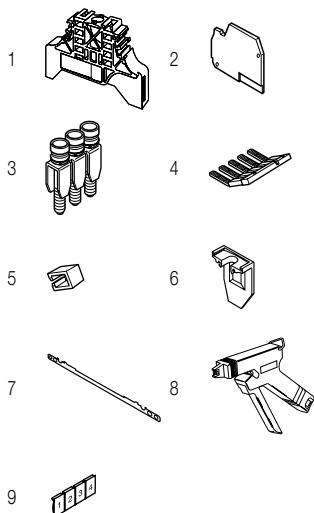
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG	22-10 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²				
	Gauge	A4			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated current / Rated cross section		17.5 A / 1.5 mm ²	18 A / 16 AWG	18 A / 16 AWG		
Rated short-time withstand current (1s)		180 A				
Rated voltage		1000 V	600 V	600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



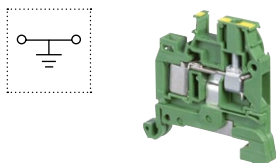
6 mm 0.236 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	10 mm 0.394 in	BAM2	1SNA206351R1600	50 12.00
		9 mm 0.354 in	BADL	1SNA39903R0200	50 4.70
2 End sections	Grey <input type="checkbox"/>	3 mm 0.118 in	FEDAD1	1SNA199336R2000	20 2.50
3 Jumper bars		2 poles 32 A	BJM16-2	1SNA176663R0000	10 4.40
		3 poles	BJM16-3	1SNA176664R0100	10 6.70
		4 poles	BJM16-4	1SNA176665R0200	10 8.90
		5 poles	BJM16-5	1SNA176666R0300	10 11.20
		10 poles	BJM16-10	1SNA176667R0400	10 22.40
4 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 35 A	PC6-2	1SNA113546R1400	10 2.00
		10 poles	PC6-10	1SNA113548R2600	10 8.00
5 Insulating tips		For lateral jumper bars type PC...	EIP	1SNA113550R2400	10
6 Circuit separators	Grey <input type="checkbox"/>	0 mm 0 in	SCAD	1SNA196896R0000	10
7 Shield connectors			CBM5	1SNA178745R1400	50
			OUPAD	1SNA178944R0400	1 205.00
8 Tools		Semi automatic tool	OUMAD	1SNA179466R0600	1 29.00
		Hand tool			
9 Terminal block markers	White <input type="checkbox"/>	Blank card	RC610	1SNA233000R0100	1 7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



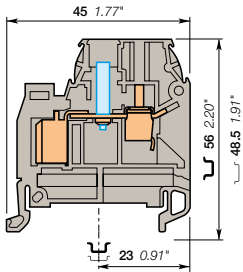
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	D4/6.P.ADO	1SNA199050R0100	50	11.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.ADO IDC terminal blocks

Feed-through ADO - screw clamp - 6 mm 0.236 in spacing



6 mm 0.236 in spacing



With test socket DIA 2 mm 0.079 in

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With test socket DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D4/6.ADO.2	1SNA199064R2300	50	8.00

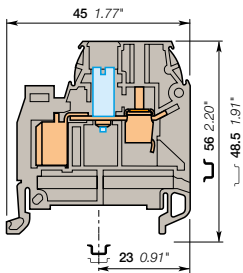
Main technical data	IEC	UL	CSA	Nota
Rated voltage	800 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 Test plugs DIA 2 mm 0.079 in	Black <input checked="" type="checkbox"/>	FC2	1SNA007865R2600	100	



6 mm 0.236 in spacing



With test socket DIA 4 mm 0.157 in

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With test socket DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	D4/6.ADO.4	1SNA199048R0300	50	8.00

Main technical data	IEC	UL	CSA	Nota
Rated voltage	800 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP10	NEMA		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 Test plugs DIA 4 mm 0.157 in	White <input type="checkbox"/>	FC4	1SNA167860R0100	10	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/8.ADO IDC terminal blocks

Feed-through ADO - screw clamp - 8 mm 0.315 in spacing

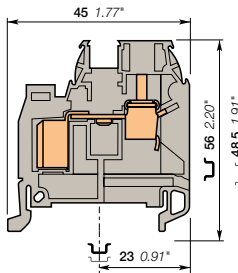


2.5 mm²
14 AWG

2



D6/8.ADO



8 mm 0.315 in spacing

Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D6/8.ADO	1SNA199042R2500	50	11.00
	Blue <input type="checkbox"/>	D6/8.N.ADO	1SNA199044R2700	50	11.00
	Orange <input type="checkbox"/>	D6/8.ADO	1SNA199043R2600	50	11.00

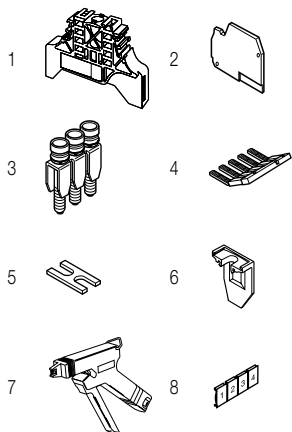
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG	16-14 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	12 mm 0.47 in
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm ²	22-8 AWG	22-8 AWG	Tool	Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
	Flexible with insulated ferrule	0.22-6 mm ²				
	Gauge	A5				
Rated current / Rated cross section		24 A / 2.5 mm ²	25 A / 14 AWG	25 A / 14 AWG	Torque	0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated short-time withstand current (ts)		300 A				
Rated voltage		1000 V	600 V	600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

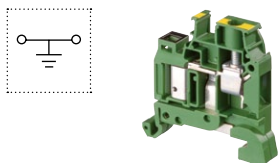
RoHS	UL	CSA	Gost R																
RoHS	UL	CSA	Gost R																

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEDAD1	1SNA199336R2000	20	2.50		
3 Jumper bars		2 poles	41 A	BJM18-2	1SNA176669R1600	10	4.50
		3 poles		BJM18-3	1SNA176670R1300	10	6.00
		4 poles		BJM18-4	1SNA176671R0000	10	10.00
		5 poles		BJM18-5	1SNA176672R0100	10	12.22
		10 poles		BJM18-10	1SNA176673R0200	10	20.00
4 Lateral jumper bars		2 poles	50 A	PC8-2	1SNA116538R1700	10	3.00
		10 poles		PC8-10	1SNA163313R2400	10	14.00
5 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
		Universal screw jumper bar kit N ^{II}		BJDP1	1SNA179623R0300	10	7.00
		Universal screw jumper bar kit N ^{III}		BJDP3	1SNA179625R0500	10	5.00
6 Circuit separators	Grey <input type="checkbox"/>	SCAD	1SNA196896R0000	10			
7 Tools		Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
		Hand tool		OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



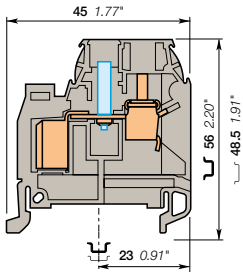
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D6/8.ADO	Green-yellow <input type="checkbox"/>	D6/8.P.ADO	1SNA199118R2600	50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/8.ADO IDC terminal blocks

Feed-through ADO - screw clamp - 8 mm 0.315 in spacing



8 mm 0.315 in spacing



With test socket DIA 2 mm 0.079 in

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With test socket DIA 2 mm 0.079 in and black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D6/8.ADO.2	1SNA199155R2300	50	12.00

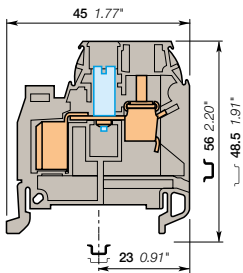
Main technical data	IEC	UL	CSA	Nota
Rated voltage	1000 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	PC
RoHS	UL	CSA	PC

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 Test plugs DIA 2 mm 0.079 in	Black <input checked="" type="checkbox"/>	FC2	1SNA007865R2600	100	



8 mm 0.315 in spacing



With test socket DIA 4 mm 0.157 in

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With test socket DIA 4 mm 0.157 in and black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D6/8.ADO.4	1SNA199157R2500	50	12.00

Main technical data	IEC	UL	CSA	Nota
Rated voltage	800 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP10	NEMA		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	PC
RoHS	UL	CSA	PC

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 Test plugs DIA 4 mm 0.157 in	White <input type="checkbox"/>	FC4	1SNA167860R0100	10	10.00

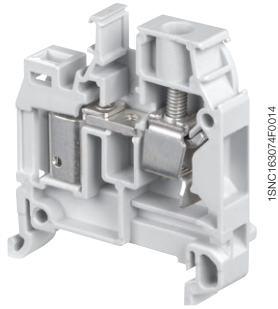
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/8.ADO IDC terminal blocks

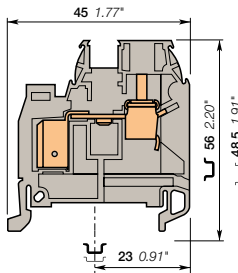
Feed-through ADO - screw clamp - 8 mm 0.315 in spacing



2



D6/8.ADO



8 mm 0.315 in spacing

Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With white marking for wire size 4 mm2 (12 AWG)	Grey	D6/8.ADO3	1SNA399245R1500	50	11.00
	Blue	D6/8.N.ADO3	1SNA399319R1700	50	11.00
	Orange	D6/8.ADO3	1SNA399800R1700	50	11.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	4 mm²		12 AWG	Rail	TH 35-7.5, TH 35-15
		4 mm²		12 AWG	Wire stripping length	12 mm 0.47 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule	0.2-10 mm²		22-8 AWG	Tool	Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
	Gauge	A5				
Rated current / Rated cross section		32 A / 4 mm²		25 A / 12 AWG	Torque	0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		1000 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

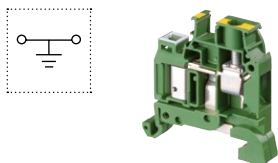
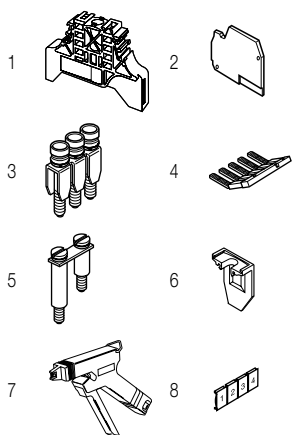
RoHS	cCSAus	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey	FEDAD1	1SNA199336R2000	20	2.50		
3 Jumper bars		2 poles	41 A	BJM18-2	1SNA176669R1600	10	4.50
		3 poles		BJM18-3	1SNA176670R1300	10	6.00
		4 poles		BJM18-4	1SNA176671R0000	10	10.00
		5 poles		BJM18-5	1SNA176672R0100	10	12.22
		10 poles		BJM18-10	1SNA176673R0200	10	20.00
4 Lateral jumper bars		2 poles	50 A	PC8-2	1SNA116538R1700	10	3.00
		10 poles		PC8-10	1SNA163313R2400	10	14.00
5 Cross spacing jumpers		Universal screw jumper bar kit N ^{PI}		BJDP1	1SNA179623R0300	10	7.00
		Universal screw jumper bar kit N ^{PIII}		BJDP3	1SNA179625R0500	10	5.00
6 Circuit separators	Grey	SCAD	1SNA196896R0000	10			
7 Tools		Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
		Hand tool		OUMAD	1SNA179466R0600	1	29.00
		Blank card	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D6/8 ADO	Green-yellow	D6/8.P.ADO3	1SNA399251R1300	50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

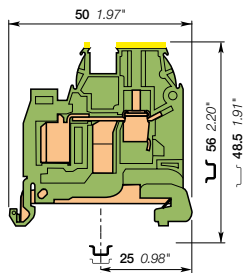
Technical data valid for copper conductors only.

D2.5/5.P.ADO IDC terminal blocks

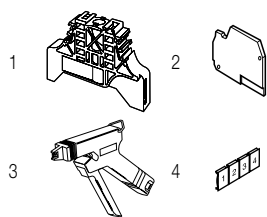
Ground ADO - screw clamp - 5 mm 0.197 in spacing



D2.5/5.P.ADO



5 mm 0.197 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D2.5/5.P.ADO	1SNA399030R0500	50 9.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.2-1 mm²		24-18 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		22-12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with insulated ferrule	0.22-2.5 mm²				
	Gauge	A3			Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated cross section		1 mm²		18 AWG		
Rated short-time withstand current (1s)		120 A				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	cCSAus	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399030R0200	50	4.70	
2 End sections	Grey	FEDAD1	1SNA199336R2000	20	2.50	
3 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers	White	RC510	1SNA231000R0700	1	5.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.P.ADO IDC terminal blocks

Ground ADO - screw clamp - 6 mm 0.236 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

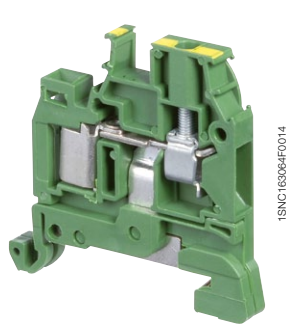
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection:	Green-yellow	D4/6.P.ADO	1SNA199050R0100	50	11.00

Main technical data

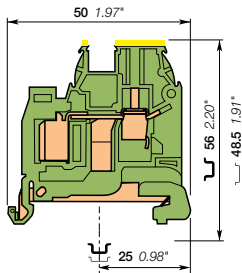
		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG	22-10 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule Gauge	0.22-4 mm ² A4				
Rated cross section		1.5 mm ²	16 AWG	16 AWG	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	UL	CSA	CSA	Gost R	Gost R
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D4/6.P.ADO

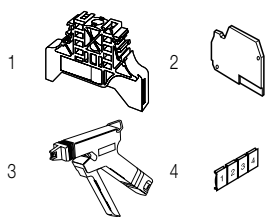


6 mm 0.236 in spacing

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEDAD1	1SNA199336R2000	20	2.50	
3 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers	White	RC610	1SNA233000R0100	1	7.50	

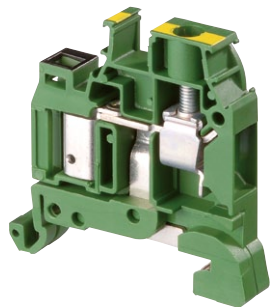
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

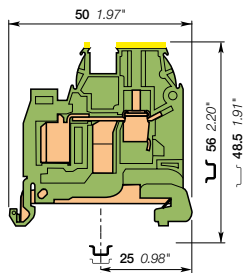
D6/8.P.ADO IDC terminal blocks

Ground ADO - screw clamp - 8 mm 0.315 in spacing

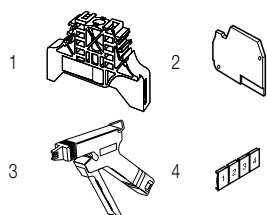


1SNC163135F0014

D6/8.P.ADO



8 mm 0.315 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
Ground	Screwless rail connection, with black marking for wire size 1-2.5 mm ² (16-14 AWG)	Green-yellow	D6/8.P.ADO	1SNA199118R2600	50	14.00

Main technical data

		IEC	UL	CSA		
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ² 1-2.5 mm ²	16-14 AWG	16-14 AWG	Rail	 TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-10 mm ² 0.22-6 mm ² A5	22-8 AWG	22-8 AWG	Wire stripping length	 12 mm 0.47 in
Rated cross section		2.5 mm ²	14 AWG	14 AWG	Tool	 Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
Rated short-time withstand current (1s)		300 A			Torque	 0.8 - 1 N.m 7.1 - 8.9 lb.in
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	PC
RoHS	UL	CSA	PC

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD1	1SNA199336R2000	20	2.50
3 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

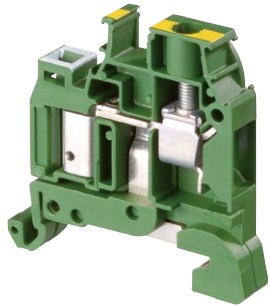
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/8.P.ADO IDC terminal blocks

Ground ADO - screw clamp - 8 mm 0.315 in spacing

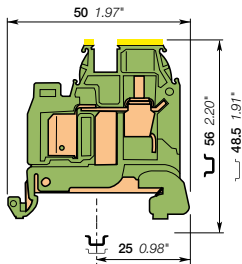


2

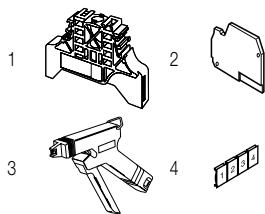


1SNC16310/FD014

D6/8.P.ADO



8 mm 0.315 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection, with white marking for wire size 4 mm ² (12 AWG)	Green-yellow	D6/8.P.ADO3	1SNA399251R1300	50	14.00

Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	4 mm ² 4 mm ²		12 AWG	Rail TH 35-7.5, TH 35-15 Wire stripping length 12 mm 0.47 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-10 mm ² 0.22-6 mm ² A5		22-8 AWG	Tool Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
Rated cross section		4 mm ²		12 AWG	
Rated short-time withstand current (1s)		480 A			
Protection		IP20	NEMA 1		Torque 0.8 - 1 N.m 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	cCSAus	Gost R			
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Accessories

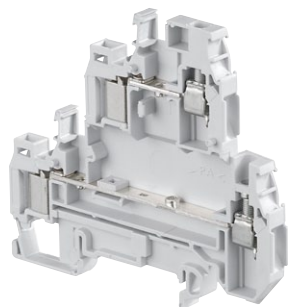
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey	FEDAD1	1SNA199336R2000	20	2.50
3 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
4 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

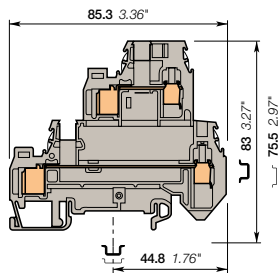
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.D2.ADO IDC terminal blocks

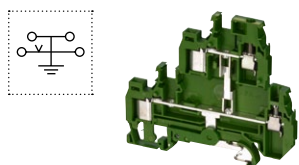
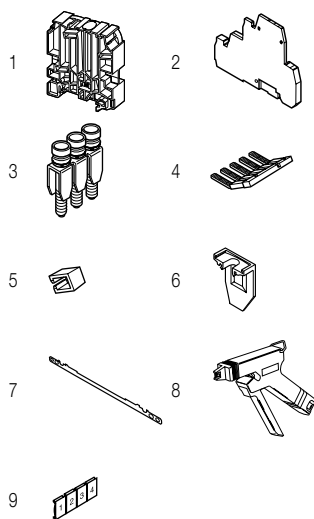
Double deck ADO - screw clamp - 6 mm 0.236 in spacing



D4/6.D2.ADO



6 mm 0.236 in spacing



Description

- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 feed-through circuits	Grey <input type="checkbox"/>	D4/6.D2.ADO	1SNA199242R0200	50	18.00
	Blue <input type="checkbox"/>	D4/6.D2.N.ADO	1SNA199244R0400	50	18.00

Main technical data

		IEC	UL	CSA		
ADO	Rigid - Solid / Stranded	0.28-1.5 mm²		22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²		22-10 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm²				
	Gauge	A4				
Rated current / Rated cross section		17.5 A / 1.5 mm²		18 A / 16 AWG	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V		600 V		
Impulse withstand voltage		6000 V				
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 5 mm 0.197 in	Grey <input type="checkbox"/>	FED2AD1	1SNA199417R1200	20	6.60
3 Jumper bars	2 poles 32 A	BJMI6-2	1SNA176663R0000	10	4.40
	3 poles	BJMI6-3	1SNA176664R0100	10	6.70
	4 poles	BJMI6-4	1SNA176665R0200	10	8.90
	5 poles	BJMI6-5	1SNA176666R0300	10	11.20
	10 poles	BJMI6-10	1SNA176667R0400	10	22.40
4 Lateral jumper bars	2 poles 35 A	Grey <input type="checkbox"/> PC6-2	1SNA113546R1400	10	2.00
	10 poles	PC6-10	1SNA113548R2600	10	8.00
5 Insulating tips For lateral jumper bars type PC...		EIP	1SNA113550R2400	10	
6 Circuit separators 0 mm 0 in	Grey <input type="checkbox"/>	SCAD	1SNA196896R0000	10	
7 Shield connectors		CBD2S	1SNA178408R1400	50	
8 Tools	Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
	Hand tool	OUMAD	1SNA179466R0600	1	29.00
9 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	D4/6.D1.P.ADO	1SNA399931R2500	50	23.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

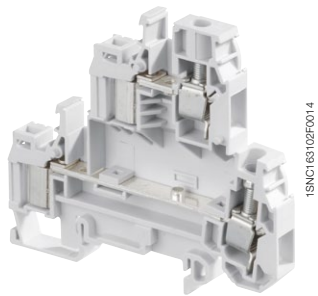
D6/8.D2.ADO IDC terminal blocks

Double deck ADO - screw clamp - 8 mm 0.315 in spacing

2

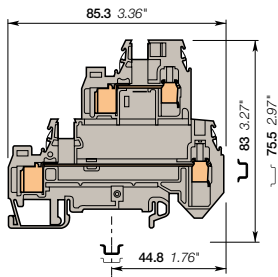


2.5 mm²



1SNC163102P0014

D6/8.D2.ADO



8 mm 0.315 in spacing


Description

- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

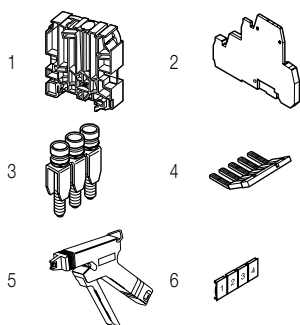
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 feed-through circuits	Grey <input type="checkbox"/>	D6/8.D2.ADO	1SNA399600R2600	50	

Main technical data

		IEC	UL	CSA		
ADO	Rigid - Solid / Stranded	1-2.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	 12 mm 0.47 in
Screw clamp	Rigid - Solid / Stranded	0.2-10 mm ²			Tool	Flat screwdriver Ø 4-4.5 mm Ø 0.157 - 0.177 in
	Flexible with insulated ferrule	0.22-6 mm ²				
	Gauge	A5			Torque	0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated current / Rated cross section		24 A / 2.5 mm ²				
Rated short-time withstand current (1s)		300 A				
Rated voltage		800 V				
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	<input type="checkbox"/>	RoHS	<input type="checkbox"/>	Gost R	<input type="checkbox"/>
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections	Grey <input type="checkbox"/>	FED2AD1	1SNA199417R1200	20	6.60
3 Jumper bars					
		2 poles	41 A		
		3 poles		10	4.50
		4 poles		10	6.00
		5 poles		10	10.00
		10 poles		10	12.22
4 Lateral jumper bars	Grey <input type="checkbox"/>				
		2 poles	50 A		
		10 poles		10	20.00
5 Tools					
		Semi automatic tool			
		Hand tool			
		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
6 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

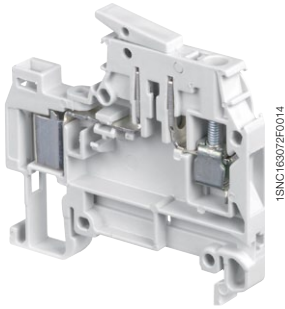
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

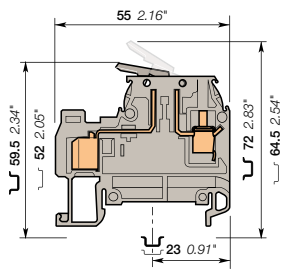
D2.5/5.SN.ADO IDC terminal blocks

Disconnect with blade - with test socket - ADO screw clamp

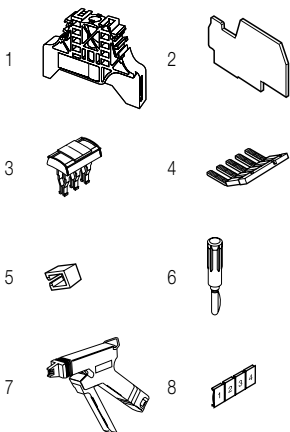
5 mm 0.197 in spacing



D2.5/5.SN.ADO



5 mm 0.197 in spacing



Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With test socket DIA 2 mm 0.079 in on the ADO side	Grey <input type="checkbox"/>	D2.5/5.SN.ADO	1SNA399226R0200	50	9.00

Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm ² 0.22-1 mm ²		Rail TH 35-7.5, TH 35-15 Wire stripping length 9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-2.5 mm ² A3		Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		10 A / 1 mm ²		Torque 0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A		
Rated voltage		320 V		
Impulse withstand voltage		4000 V		
Protection		IP20	NEMA 1	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS		
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD4	1SNA199352R0000	20	2.30
3 Jumper bars	Orange <input type="checkbox"/>	BJADO5-2	1SNA205955R0300	20	1.00
		BJADO5-3	1SNA205956R0400	20	1.00
		BJADO5-5	1SNA205958R1600	20	2.00
		BJADO5-10	1SNA205963R0300	10	5.00
4 Lateral jumper bars	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
5 Insulating tips		EIP	1SNA113550R2400	10	
6 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
7 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	RCS10	1SNA231000R0700	1	5.20

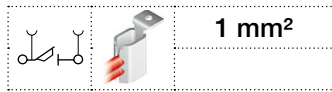
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

D2.5/5.SN.ADO IDC terminal blocks

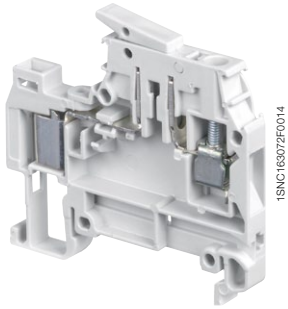
Disconnect with blade - with test socket - ADO screw clamp

5 mm 0.197 in spacing



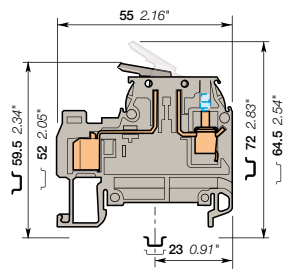
1 mm²

2



1SNC16307F0014

D2.5/5.SN.ADO



5 mm 0.197 in spacing

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D2.5/5.SNT2.ADO	1SNA399228R1400	50	9.00

Main technical data

		IEC	UL	CSA		
ADO	Rigid - Solid / Stranded	0.2-1 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with insulated ferrule	0.22-2.5 mm ²				
	Gauge	A3				
Rated current / Rated cross section		10 A / 1 mm ²			Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A				
Rated voltage		320 V				
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

Mounting instructions

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS		RoHS
RoHS		RoHS

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD4	1SNA199352R0000	20	2.30
3 Jumper bars	Orange <input type="checkbox"/>	BJADO5-2	1SNA205955R0300	20	1.00
		BJADO5-3	1SNA205956R0400	20	1.00
		BJADO5-10	1SNA205963R0300	10	5.00
4 Lateral jumper bars	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
5 Insulating tips		EIP	1SNA113550R2400	10	
		FC2	1SNA007865R2600	100	
6 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
7 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

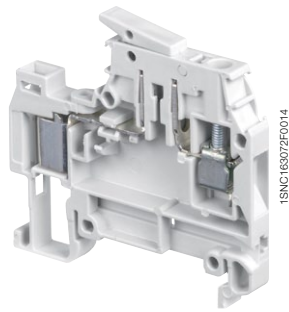
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

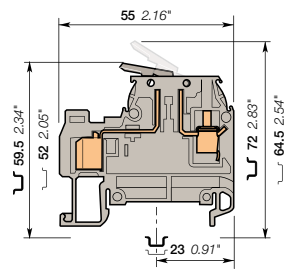
D4/6.SN.ADO IDC terminal blocks

Disconnect with blade - with test socket - ADO screw clamp

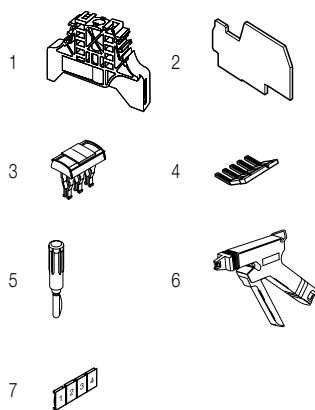
6 mm 0.236 in spacing



D4/6.SN.ADO



6 mm 0.236 in spacing



Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With test socket DIA 2 mm 0.079 in on the ADO side	Grey <input type="checkbox"/>	D4/6.SN.ADO	1SNA199107R2400	50	9.00
	Orange <input type="checkbox"/>	D4/6.SN.ADO	1SNA199108R0500	50	9.00

Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm² 0.34-1.5 mm²	22-16 AWG	22-16 AWG	Rail TH 35-7.5, TH 35-15 Wire stripping length 9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm² 0.22-4 mm² A4	22-10 AWG	22-10 AWG	Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		10 A / 1.5 mm²	10 A / 16 AWG	15 A / 16 AWG	Torque 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A			
Rated voltage		500 V	600 V	600 V	
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD4	1SNA199352R0000	20	2.30
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA205974R0600	20	1.00
		3 poles	1SNA205975R0700	20	1.00
		10 poles	1SNA205982R2700	10	6.00
4 Lateral jumper bars		10 poles 35 A	1SNA163311R2200	10	5.00
5 Test plugs	Black <input type="checkbox"/>	DIA 2 mm 0.079 in	1SNA007865R2600	100	
6 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
7 Terminal block markers	White <input type="checkbox"/>	Blank card	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.SNT2.ADO IDC terminal blocks

Disconnect with blade - with test socket - ADO screw clamp

6 mm 0.236 in spacing



1.5 mm²
16 AWG

Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

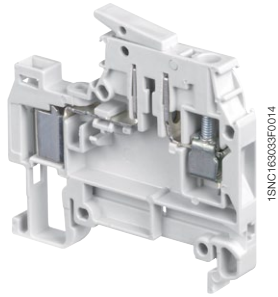
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D4/6.SNT2.ADO	1SNA199235R2300	50	9.00

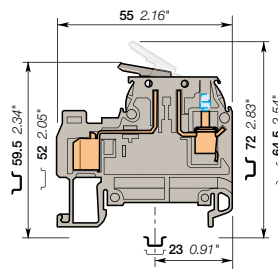
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG	22-10 AWG	Wire stripping length	9.5 mm 0.37 in
	Flexible with insulated ferrule	0.22-4 mm ²				
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		10 A / 1.5 mm ²	10 A / 16 AWG	15 A / 16 AWG	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A				
Rated voltage		500 V	600 V	600 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



D4/6.SNT2.ADO

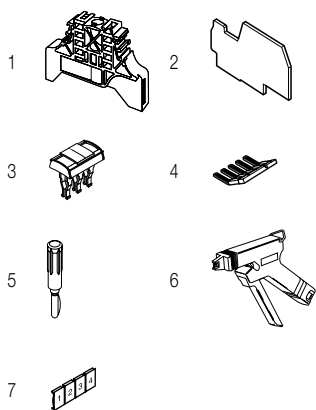


6 mm 0.236 in spacing

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEDAD4	1SNA199352R0000	20	2.30		
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	17.5 A	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles		BJADO6-3	1SNA205975R0700	20	1.00
		10 poles		BJADO6-10	1SNA205982R2700	10	6.00
4 Lateral jumper bars		10 poles	35 A	PC61-10	1SNA163311R2200	10	5.00
5 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100			
6 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00	
		Hand tool	OUMAD	1SNA179466R0600	1	29.00	
7 Terminal block markers	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

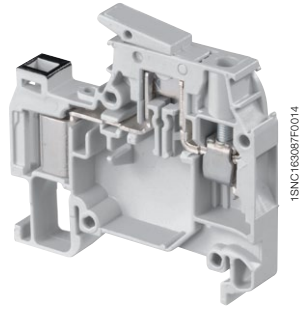


All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

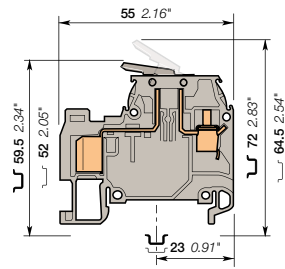
D4/8.SN.ADO IDC terminal blocks

Disconnect with blade - with test socket - ADO screw clamp

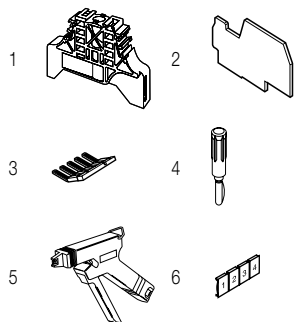
8 mm 0.315 in spacing



D4/8.SN.ADO



8 mm 0.315 in spacing



Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With test socket DIA 2 mm 0.079 in on the ADO side, with black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	D4/8.SN.ADO	1SNA199137R1100	50	11.00

Main technical data

	IEC	UL	CSA
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²	22-16 AWG 22-16 AWG
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-6 mm² 0.22-4 mm² A4	22-10 AWG 22-10 AWG
Rated current / Rated cross section	15 A / 2.5 mm²	15 A / 16 AWG	15 A / 16 AWG
Rated short-time withstand current (1s)	300 A		
Rated voltage	500 V	600 V	600 V
Impulse withstand voltage	6000 V		
Protection	IP20	NEMA 1	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSAus	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD4	1SNA199352R0000	20	2.30
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
6 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D4/8.SF.I.ADO IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm 0.315 in spacing



1.5 mm²

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

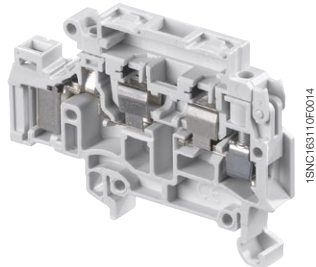
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With test socket DIA 2 mm 0.079 in on the ADO side	Grey <input type="checkbox"/>	D4/8.SF.I.ADO	1SNA399785R0300	50	13.00

Main technical data

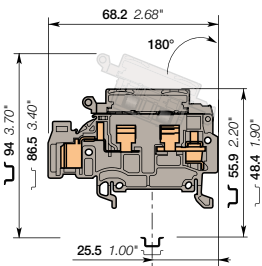
		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-1.5 mm ²			Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ² A4			Wire stripping length 9.5 mm 0.37 in
Rated current / Rated cross section		6.3 A / 1.5 mm ²			Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Rated short-time withstand current (1s)		180 A			Torque 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



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D4/8.SF.I.ADO

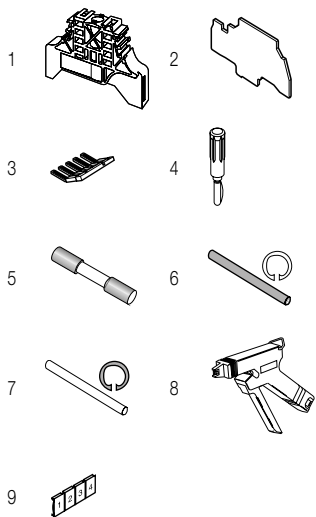


8 mm 0.315 in spacing

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD10	1SNA399758R2700	20	3.00
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
4 Test plugs	Black <input checked="" type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Fuses		FU520	1SNA008288R1500 1SNA008290R1300 1SNA008291R0000 1SNA008289R1600 1SNA008292R0100	10 10 10 10 10	
6 Assembly rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
7 Spring retaining rings		ANT	1SNA168675R1400	10	
8 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
9 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

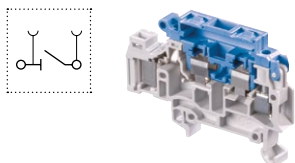
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D4/8.SF...ADO	Grey, blue <input type="checkbox"/>	D4/8.SNNT2.I.ADO	1SNA399779R2400	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



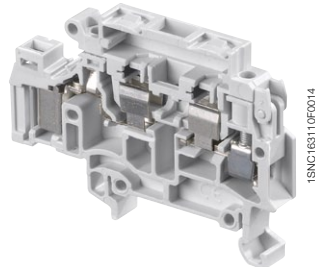
D4/8.SF.I.ADO IDC Terminal Blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm 0.315 in Spacing

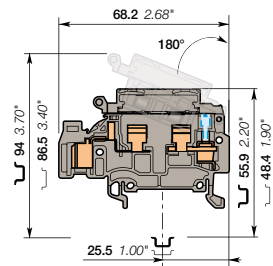


1.5 mm²



1SNC163110F0014

D4/8.SF.I.ADO



Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Fuse With 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D4/8.SFT2.I.ADO	1SNA399777R1200	50	13.00

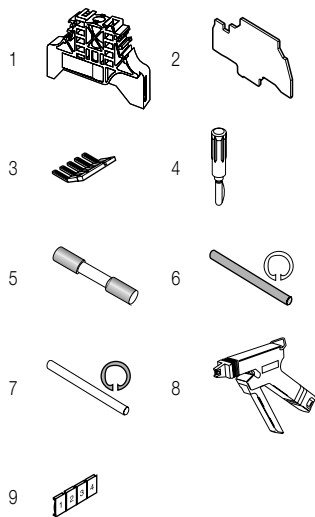
Main Technical Data

	IEC	UL	CSA		
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-1.5 mm ²		Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ² A4		Wire stripping length	9.5 mm 0.37 in
Rated current / Rated cross section		6.3 A / 1.5 mm ²		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated short-time withstand current (1s)		180 A		Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



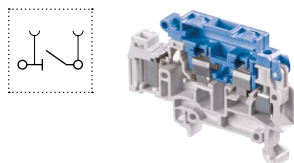
8 mm 0.315 in Spacing



Accessories

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
1 End Stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End Sections	Grey <input type="checkbox"/>	FEDAD10	1SNA399758R2700	20	3.00
3 Lateral Jumper Bars		PC81-10	1SNA173523R1100	10	5.00
4 Test Plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Fuses		FU520	1SNA008288R1500 1SNA008290R1300 1SNA008291R0000 1SNA008292R0100	10 10 10 10	
6 Assembly Rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
7 Spring Retaining Rings		ANT	1SNA168675R1400	10	
8 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
9 Terminal Block Markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC Terminal Blocks

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D4/8.SF.I.ADO	Grey, Blue <input type="checkbox"/>	D4/8.SNNT2.I.ADO	1SNA399779R2400	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

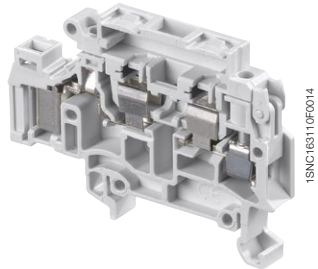
D4/8.SF.I.ADO IDC Terminal Blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - screw clamp - 8 mm 0.315 in spacing



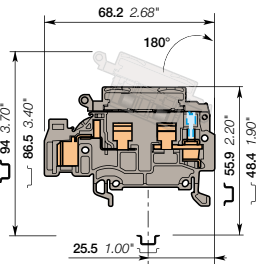
1.5 mm²
16 AWG

2



1SNC163110F0014

D4/8.SF.I.ADO



8 mm 0.315 in spacing

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Fuse	Grey	<input type="checkbox"/> D4/8.SFDT2.I.ADO	1SNA399782R0000	50	13.00
	Grey	<input type="checkbox"/> D4/8.SFLT2.I.ADO	1SNA399856R0200	50	13.00

Main Technical Data

		IEC	UL	CSA	Mounting Instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²				
	Gauge	A4				
Rated current / Rated cross section		6.3 A / 1.5 mm ²			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A				
Rated voltage		500 V				
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

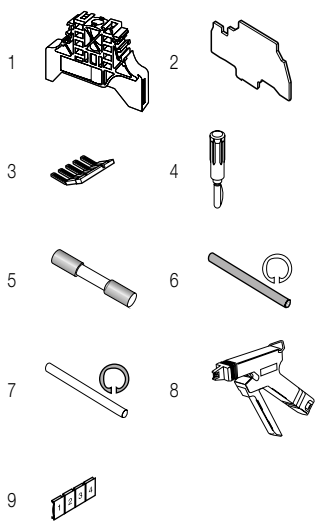
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	Gost R
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Accessories

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
1 End Stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End Sections	Grey	FEDAD10	1SNA399758R2700	20	3.00
3 Lateral Jumper Bars 10 poles		PC81-10	1SNA173523R1100	10	5.00
4 Test Plugs	Black	FC2	1SNA007865R2600	100	
5 Fuses		FU520	1SNA008288R1500	10	
			1SNA008290R1300	10	
			1SNA008291R0000	10	
			1SNA008289R1600	10	
			1SNA008292R0100	10	
6 Assembly Rods		TGA8	1SNA168672R1100	10	1.00
			1SNA168673R1200	10	
			1SNA168674R1300	10	
			1SNA168675R1400	10	
7 Spring Retaining Rings		ANT	1SNA168675R1400	10	
8 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
9 Terminal Block Markers	White	RC810	1SNA234000R0200	1	8.20

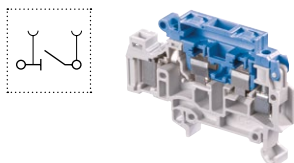
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC Terminal Blocks

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Disconnect	Grey, Blue	<input type="checkbox"/> D4/8.SNNT2.I.ADO	1SNA399779R2400	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



D4/8.SF.I.ADO IDC terminal blocks

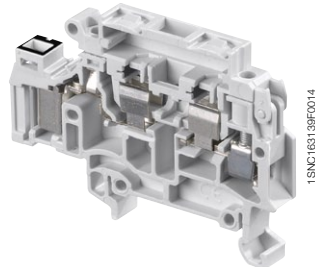
For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm 0.315 in spacing



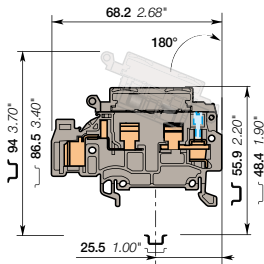
2.5 mm²

14 AWG



1SNC163139F0014

D4/8.SF.I.ADO



8 mm 0.315 in spacing

Description

- Protect your circuits with 5 x 20 and 5x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With 2 test sockets DIA 2 mm 0.079 in, With black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D4/8.SFT2.I.ADO2	1SNA399762R1300	50	13.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²				
	Gauge	A4			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated current / Rated cross section		6.3 A / 2.5 mm ²				
Rated short-time withstand current (1s)		300 A				
Rated voltage		630 V				
Impulse withstand voltage		8000 V				
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

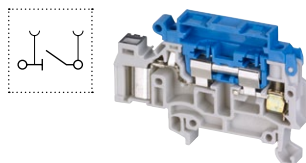
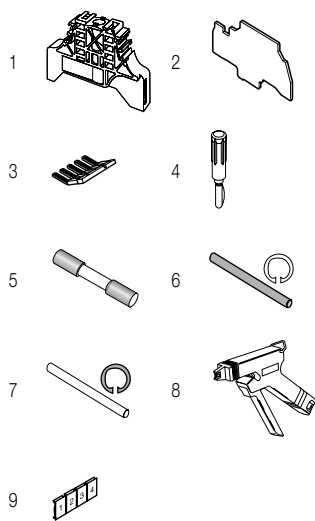
RoHS	<input type="checkbox"/>	PC	<input type="checkbox"/>	Gost R	<input type="checkbox"/>
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD10	1SNA399758R2700	20	3.00
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Fuses		FU520	1SNA008288R1500	10	
			1SNA008290R1300	10	
			1SNA008291R0000	10	
			1SNA008289R1600	10	
			1SNA008292R0100	10	
6 Assembly rods		TGA8	1SNA168672R1100	10	1.00
			1SNA168673R1200	10	
			1SNA168674R1300	10	
7 Spring retaining rings		ANT	1SNA168675R1400	10	
8 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
9 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D4/8.SF.I.ADO	Grey, blue <input type="checkbox"/>	D4/8.SNNT2.I.ADO2	1SNA399766R1700	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/8.SF.I.ADO IDC terminal blocks

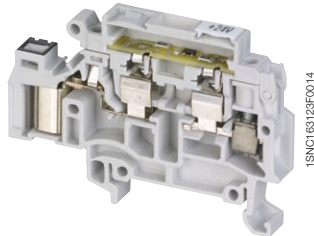
For 5 x 20 and 5 x 25 fuses - with test socket ADO - screw clamp

8 mm 0.315 in spacing



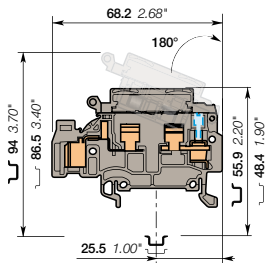
2.5 mm²
14 AWG

2



1SNC163123FC00 14

D4/8.SF.I.ADO



8 mm 0.315 in spacing

Description

- Protect your circuits with 5 x 20 and 5 x 25 fuse terminal blocks (fuse not delivered with the terminal blocks),
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With blown fuse indicator by neon 110 - 230 V and 2 test sockets DIA 2 mm 0.079 in, with black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D4/8.SFLT2.I.ADO2	1SNA399768R2100	50	13.00
With blown fuse indicator by LED 24 V and 2 test sockets DIA 2 mm 0.079 in, with black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D4/8.SFDT2.I.ADO2	1SNA399770R2700	50	13.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule Gauge	0.22-4 mm ² A4				
Rated current / Rated cross section		6.3 A / 2.5 mm ²			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		300 A				
Rated voltage		500 V				
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>	Gost R <input type="checkbox"/>
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEDAD10	1SNA399758R2700	20	3.00	
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00	
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100		
5 Fuses	Grey <input type="checkbox"/>	FU520	1SNA008288R1500	10		
		1 A	1SNA008290R1300	10		
		2 A	1SNA008291R0000	10		
		3.15 A	1SNA008289R1600	10		
		5 A	1SNA008292R0100	10		
6 Assembly rods	Grey <input type="checkbox"/>	TGA8	1SNA168672R1100	10	1.00	
			1SNA168673R1200	10		
			1SNA168674R1300	10		
			1SNA168675R1400	10		
7 Spring retaining rings		ANT	1SNA168675R1400	10		
8 Tools	White <input type="checkbox"/>	Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
9 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20	

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D4/8.SF.I.ADO	Grey, blue <input type="checkbox"/>	D4/8.SNNT2.I.ADO2	1SNA399766R1700	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

Technical data valid for copper conductors only.

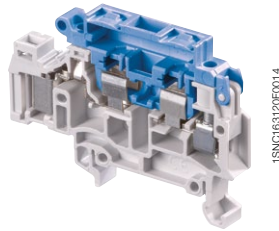
D4/8.SN.I.ADO IDC terminal blocks

Disconnect with lever - with test socket - ADO screw clamp

8 mm 0.315 in spacing

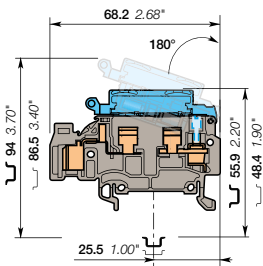


1.5 mm²
16 AWG



1SNC163120F0014

D4/8.SN.I.ADO



8 mm 0.315 in spacing

Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in	Grey, blue	D4/8.SNNT2.I.ADO	1SNA399779R2400	50	13.00

Main technical data

	IEC	UL	CSA	Mounting instructions
				Rail TH 35-7.5, TH 35-15
				Wire stripping length 9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-1.5 mm ²		Tool Flat screwdriver Ø 4 mm Ø 0.157 in
	with insulated ferrule			
	Gauge	A4		
Rated current / Rated cross section		10 A / 1.5 mm ²		Torque 0.5 - 0.8 Nm 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A		
Rated voltage		630 V		
Impulse withstand voltage		8000 V		
Protection	IP20	NEMA 1		

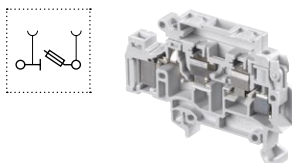
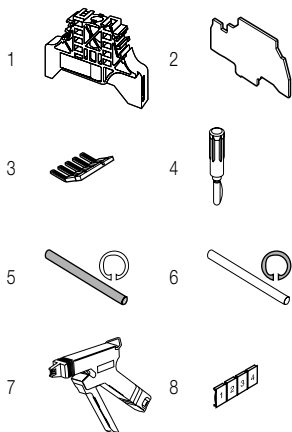
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	PC	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA39903R0200	50	4.70
2 End sections	Grey	FEDAD10	1SNA399758R2700	20	3.00
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
4 Test plugs	Black	FC2	1SNA007865R2600	100	
5 Assembly rods		TGA8	1SNA168672R1100	10	1.00
			1SNA168673R1200	10	
			1SNA168674R1300	10	
6 Spring retaining rings		ANT	1SNA168675R1400	10	
7 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with D4/8.SN.I.ADO	Grey	D4/8.SFT2.I.ADO	1SNA399777R1200	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

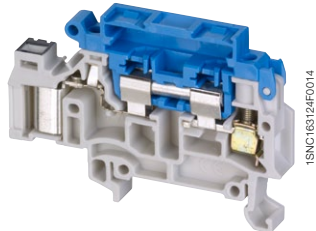
D4/8.SN.I.ADO IDC terminal blocks

Disconnect with lever - with test socket - ADO screw clamp

8 mm 0.315 in spacing

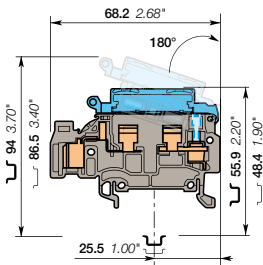


2



1SNC163124F0014

D4/8.SN.I.ADO



8 mm 0.315 in spacing

Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in, with black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey, blue	D4/8.SNNT2.I.ADO2	1SNA399766R1700	50	13.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule Gauge	0.22-4 mm ² A4				
Rated current / Rated cross section		6.3 A / 2.5 mm ²			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		300 A				
Rated voltage		630 V				
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

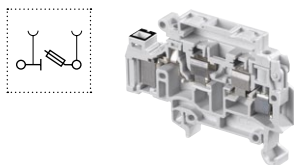
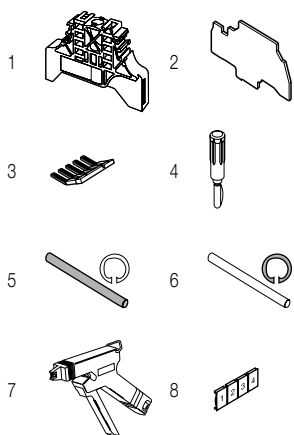
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RoHS	RoHS	Gost R				
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEDAD10	1SNA399758R2700	20	3.00	
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00	
4 Test plugs	Black	FC2	1SNA007865R2600	100		
5 Assembly rods		2 poles	1SNA168672R1100	10	1.00	
		3 poles	1SNA168673R1200	10		
		4 poles	1SNA168674R1300	10		
			1SNA168675R1400	10		
6 Spring retaining rings		ANT	1SNA168675R1400	10		
7 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



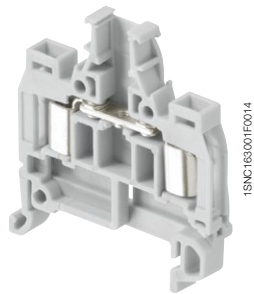
Fuse IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with D4/8.SN.I.ADO	Grey	D4/8.SFT2.I.ADO2	1SNA399762R1300	50	13.00

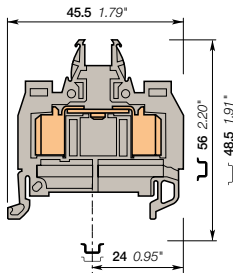
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D1/5.ADO IDC terminal blocks

Feed-through ADO - ADO - 5 mm 0.197 in spacing



D1/5.ADO



5 mm 0.197 in spacing

Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

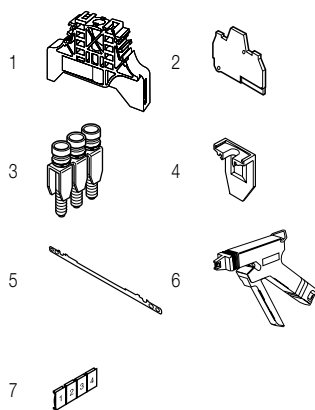
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Feed-through	Grey	D1/5.ADO	1SNA199563R2400	50	5.00
	Blue	D1/5.N.ADO	1SNA199565R2600	50	5.00
	Orange	D1/5.ADO	1SNA199564R2500	50	5.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.2-1 mm²		22-18 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated current / Rated cross section		13.5 A / 1 mm²		7 A / 18 AWG	Torque	
Rated short-time withstand current (1s)		120 A				
Rated voltage		1000 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20		NEMA 1		

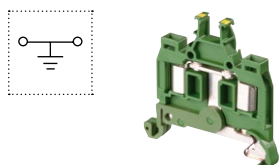
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEMAD3	1SNA199341R0500	20	2.50	
3 Jumper bars		2 poles	BJMI5-2	1SNA176278R1600	10	3.30
		3 poles	BJMI5-3	1SNA176279R1700	10	5.00
		4 poles	BJMI5-4	1SNA176280R0500	10	6.70
		5 poles	BJMI5-5	1SNA176281R2200	10	8.40
		10 poles	BJMI5-10	1SNA176282R2300	10	16.90
4 Circuit separators	Grey	SCAD5	1SNA199551R2000	10	0.30	
5 Shield connectors		CBM5	1SNA178745R1400	50		
		OUPAD	1SNA178944R0400	1	205.00	
6 Tools		Hand tool	OUMAD	1SNA179466R0600	1	29.00
		Blank card	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D1/5.ADO	Green-yellow	D1/5.P.ADO	1SNA399031R2200	50	9.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

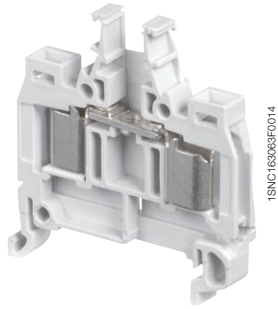
D1.5/6.ADO IDC terminal blocks

Feed-through ADO - ADO - 6 mm 0.236 in spacing

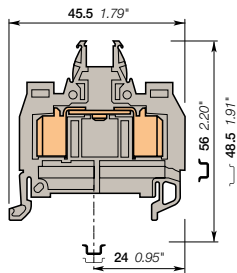


1.5 mm²
16 AWG

2



D1.5/6.ADO



6 mm 0.236 in spacing

Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	D1.5/6.ADO	1SNA199051R2600	50	6.00
	Blue <input type="checkbox"/>	D1.5/6.N.ADO	1SNA199053R2000	50	6.00
	Orange <input type="checkbox"/>	D1.5/6.ADO	1SNA199052R2700	50	6.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²	22-14 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated current / Rated cross section		17.5 A / 1.5 mm ²	10 A / 14 AWG	18 A / 16 AWG	Torque	
Rated short-time withstand current (1s)		180 A				
Rated voltage		1000 V	600 V	600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEMAD3	1SNA199341R0500	20	2.50		
3 Jumper bars		2 poles	32 A	BJMI6-2	1SNA176663R0000	10	4.40
		3 poles		BJMI6-3	1SNA176664R0100	10	6.70
		4 poles		BJMI6-4	1SNA176665R0200	10	8.90
		5 poles		BJMI6-5	1SNA176666R0300	10	11.20
		10 poles		BJMI6-10	1SNA176667R0400	10	22.40
4 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in	EL6	1SNA173627R2100	10	0.10	
		Universal screw jumper bar kit N°I	BJDP1	1SNA179623R0300	10	7.00	
		Universal screw jumper bar kit N°III	BJDP3	1SNA179625R0500	10	5.00	
5 Circuit separators	Grey <input type="checkbox"/>	SCAD	1SNA196896R0000	10			
6 Shield connectors		CBM5	1SNA178745R1400	50			
7 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00	
		Hand tool	OUMAD	1SNA179466R0600	1	29.00	
8 Terminal block markers	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



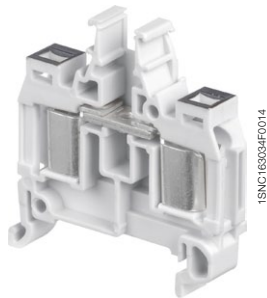
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	D1.5/6.P.ADO	1SNA199098R2600	50	6.00

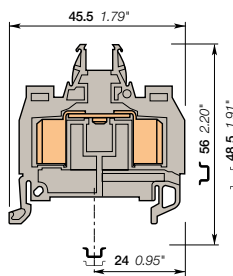
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D2.5/8.ADO IDC terminal blocks

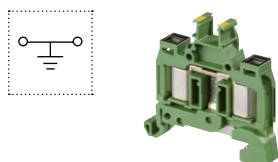
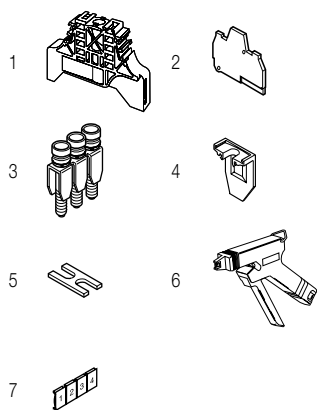
Feed-through ADO - ADO - 8 mm 0.315 in spacing



D2.5/8.ADO



8 mm 0.315 in spacing



Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey	D2.5/8.ADO	1SNA199059R0600	50	9.00
	Blue	D2.5/8.N.ADO	1SNA199061R2000	50	9.00
	Orange	D2.5/8.ADO	1SNA199060R0300	50	9.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG	16-14 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated current / Rated cross section		24 A / 2.5 mm ²	15 A / 14 AWG	25 A / 14 AWG	Torque	
Rated short-time withstand current (1s)		300 A				
Rated voltage		1000 V	600 V	600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEMAD3	1SNA199341R0500	20	2.50	
3 Jumper bars		2 poles	BJM8-2	1SNA176669R1600	10	4.50
		3 poles	BJM8-3	1SNA176670R1300	10	6.00
		4 poles	BJM8-4	1SNA176671R0000	10	10.00
		5 poles	BJM8-5	1SNA176672R0100	10	12.22
		10 poles	BJM8-10	1SNA176673R0200	10	20.00
4 Circuit separators	Grey	SCAD	1SNA196896R0000	10		
5 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in	EL6	1SNA173627R2100	10	0.10
		Universal screw jumper bar kit N°1	BJDP1	1SNA179623R0300	10	7.00
		Universal screw jumper bar kit N°III	BJDP3	1SNA179625R0500	10	5.00
6 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
7 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D2.5/8.ADO	Green-Yellow	D2.5/8.P.ADO	1SNA199091R1700	50	9.00

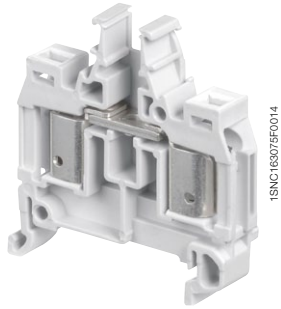
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D4/8.ADO IDC terminal blocks

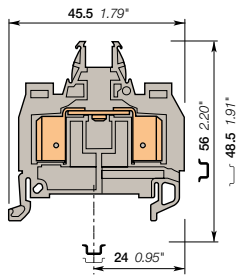
Feed-through ADO-ADO - 8 mm 0.315 in spacing



2



D4/8.ADO



8 mm 0.315 in spacing

Description

- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With white marking for wire size 4 mm ² (12 AWG)	Grey <input type="checkbox"/>	D4/8.ADO	1SNA399244R1400	50	9.00
	Blue <input type="checkbox"/>	D4/8.N.ADO	1SNA399318R1600	50	9.00
	Orange <input type="checkbox"/>	D4/8.ADO	1SNA399801R0400	50	9.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	4 mm ² 4 mm ²		14-12 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		32 A / 4 mm ²		25 A / 12 AWG	Tool	
Rated short-time withstand current (1s)		480 A			Torque	
Rated voltage		1000 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

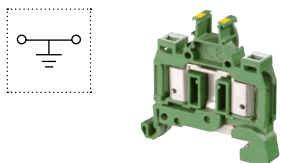
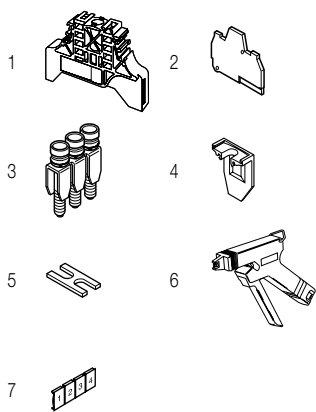
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RoHS <input type="checkbox"/>		cCSAus <input type="checkbox"/>				
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEMAD3	1SNA199341R0500	20	2.50		
3 Jumper bars		2 poles	41 A	BJM8-2	1SNA176669R1600	10	4.50
		3 poles		BJM8-3	1SNA176670R1300	10	6.00
		4 poles		BJM8-4	1SNA176671R0000	10	10.00
		5 poles		BJM8-5	1SNA176672R0100	10	12.22
		10 poles		BJM8-10	1SNA176673R0200	10	20.00
4 Circuit separators	Grey <input type="checkbox"/>	SCAD	1SNA196896R0000	10			
5 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in	EL6	1SNA173627R2100	10	0.10	
		Universal screw jumper bar kit N ^{PI}	BJDP1	1SNA179623R0300	10	7.00	
		Universal screw jumper bar kit N ^{PIII}	BJDP3	1SNA179625R0500	10	5.00	
6 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00	
		Hand tool	UMAD	1SNA179466R0600	1	29.00	
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



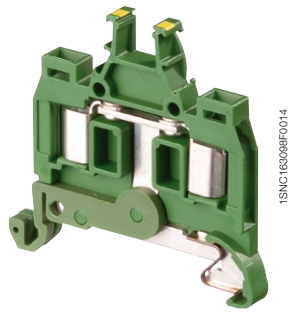
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with D4/8.ADO	Green-Yellow <input type="checkbox"/>	D4/8.P.ADO	1SNA399250R2600	50	9.00

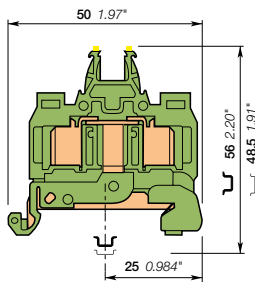
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D1/5.P.ADO IDC terminal blocks

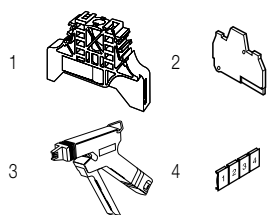
Ground ADO - ADO - 5 mm 0.197 in spacing



D1/5.P.ADO



5 mm 0.197 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	D1/5.P.ADO	1SNA399031R2200	50 9.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.2-1 mm²		22-18 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated cross section		1 mm²		18 AWG	Torque	
Rated short-time withstand current (1s)		120 A				
Protection		IP20	NEMA 1			

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RoHS	cCSAus	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA39903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMAD3	1SNA199341R0500	20	2.50
3 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

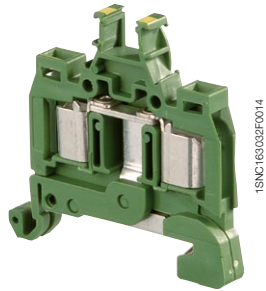
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D1.5/6.P.ADO IDC terminal blocks

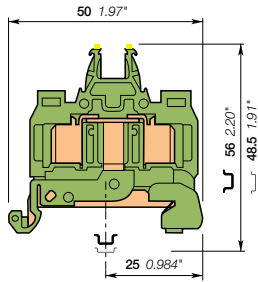
Ground ADO - ADO - 6 mm 0.236 in spacing



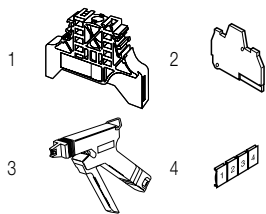
2



D1.5/6.P.ADO



6 mm 0.236 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	D1.5/6.P.ADO	1SNA199098R2600	50	6.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule					
Gauge					Torque	
Rated cross section		1.5 mm ²	16 AWG	16 AWG		
Rated short-time withstand current (1s)		180 A				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS: RoHS	UL: USR	CSA: cCSAus	Gost R:
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Accessories

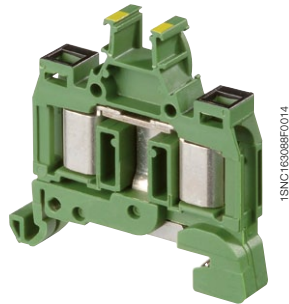
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEMAD3	1SNA199341R0500	20	2.50	
3 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

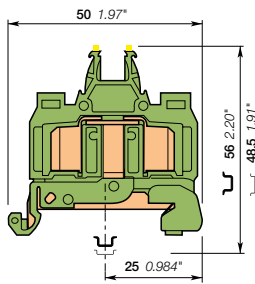
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/8.P.ADO IDC terminal blocks

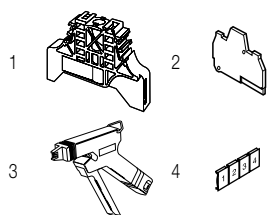
Ground ADO - ADO - 8 mm 0.315 in spacing



D2.5/8.P.ADO



8 mm 0.315 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection with black marking for wire size 1-2.5 mm² (16-14 AWG)	Green-yellow	D2.5/8.P.ADO	1SNA199091R1700	50 9.00

Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²	16-14 AWG	Rail TH 35-7.5, TH 35-15 Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Tool
Rated cross section	2.5 mm²	14 AWG		Torque
Rated short-time withstand current (1s)	300 A			
Protection	IP20	NEMA 1		

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RoHS	UL	Gost R							
RoHS	UL	Gost R							

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey	FEMAD3	1SNA199341R0500	20	2.50
3 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
4 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/8.P.ADO IDC terminal blocks

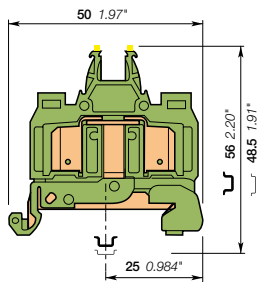
Ground ADO - ADO - 8 mm 0.315 in spacing



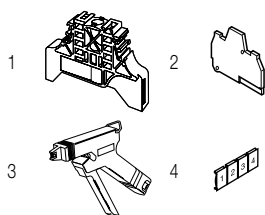
2



D4/8.P.ADO



8 mm 0.315 in spacing



Description

- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection, with white marking for wire size 4 mm ² (12 AWG)	Green-yellow	D4/8.P.ADO	1SNA399250R2600	50	9.00

Main technical data

	IEC	UL	CSA	
ADO	Rigid - Solid / Stranded : 4 mm ² Flexible : 4 mm ²		14-12 AWG	Rail Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Tool
Rated cross section	4 mm ²		12 AWG	Torque
Rated short-time withstand current (1s)	480 A			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS					
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey	FEMAD3	1SNA199341R0500	20	2.50
3 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
4 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

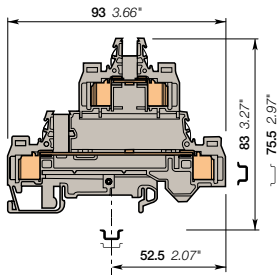
D1.5/6.D2.ADO IDC terminal blocks

Double deck with 2 feed-through circuits ADO-ADO

6 mm 0.236 in spacing



D1.5/6.D2.ADO



6 mm 0.236 in spacing

Description

- Save space with 2 decks terminal block,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 feed-through circuits	Grey <input type="checkbox"/>	D1.5/6.D2.ADO	1SNA199480R2600	50	18.00
	Blue <input type="checkbox"/>	D1.5/6.D2.N.ADO	1SNA199482R1400	50	18.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated current / Rated cross section		17.5 A / 1.5 mm ²			Torque	
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V				
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

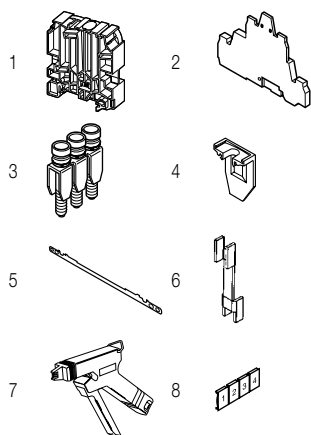
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

	RoHS					
	RoHS					

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 5 mm 0.197 in	Grey <input type="checkbox"/>	FED2AD2	1SNA199476R2500	20	7.00
3 Jumper bars 2 poles 32 A		BJMI6-2	1SNA176663R0000	10	4.40
		BJMI6-3	1SNA176664R0100	10	6.70
		BJMI6-4	1SNA176665R0200	10	8.90
		BJMI6-5	1SNA176666R0300	10	11.20
		BJMI6-10	1SNA176667R0400	10	22.40
4 Circuit separators 0 mm 0 in	Grey <input type="checkbox"/>	SCAD	1SNA196896R0000	10	
5 Shield connectors		CBD2S	1SNA178408R1400	50	
6 Inner deck jumper bars Inner deck jumper bars		ITVE	1SNA179694R0300	20	1.40
7 Tools Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
		HANDMAD	1SNA179466R0600	1	29.00
8 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

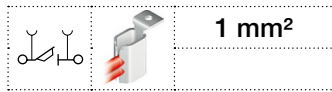


All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D1/5.SNT2.ADO IDC terminal blocks

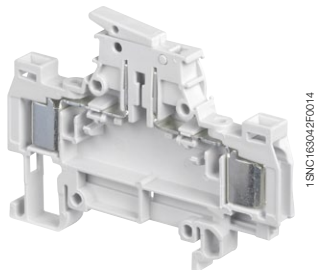
Disconnect with blade - with test socket ADO - ADO

5 mm 0.197 in spacing



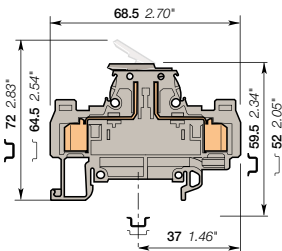
1 mm²

2



1SNC163042F0014

D1/5.SNT2.ADO






Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D1/5.SNT2.ADO	1SNA399231R0700	50	9.00

Main technical data

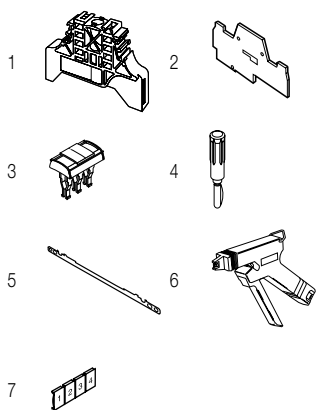
		IEC	UL	CSA	
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm ² 0.22-1 mm ²			Rail  TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length  Tool
Rated current / Rated cross section		10 A / 1 mm ²			Torque 
Rated short-time withstand current (1s)		120 A			
Rated voltage		320 V			
Impulse withstand voltage		4000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS



5 mm 0.197 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD5	1SNA199354R0200	20	2.70
3 Jumper bars	Orange <input type="checkbox"/>	BJADO5-2 BJADO5-3 BJADO5-10	1SNA205955R0300 1SNA205956R0400 1SNA205963R0300	20 20 10	1.00 1.00 5.00
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Shield connectors		CDB2	1SNA179635R0700	50	
6 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
7 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

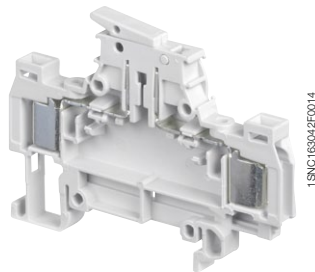
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

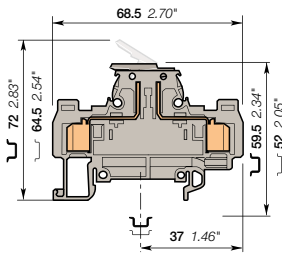
D1.5/6.SNT2.ADO IDC terminal blocks

Disconnect with blade - with test socket ADO - ADO

6 mm 0.236 in spacing



D1.5/6.SNT2.ADO



Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	D1.5/6.SNT2.ADO	1SNA199144R2000	50	9.00

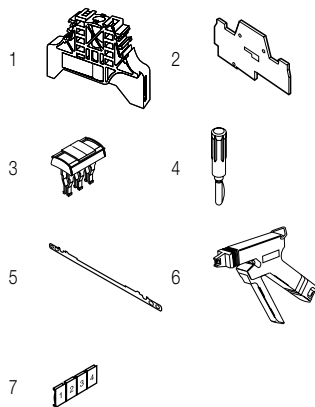
Main technical data

		IEC	UL	CSA	
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-1.5 mm ²	22-14 AWG	22-16 AWG	Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length Tool
Rated current / Rated cross section		10 A / 1.5 mm ²	8 A / 14 AWG	15 A / 16 AWG	Torque
Rated short-time withstand current (1s)		180 A			
Rated voltage		500 V	600 V	600 V	
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UR	cCSAus	Gost R

6 mm 0.236 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD5	1SNA199354R0200	20	2.70
3 Jumper bars	Orange <input type="checkbox"/>	BJAD06-2 BJAD06-3 BJAD06-10	1SNA205974R0600 1SNA205975R0700 1SNA205982R2700	20 20 10	1.00 1.00 6.00
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Shield connectors		CDB2	1SNA179635R0700	50	
6 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
7 Terminal block markers	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/8.SNT2.ADO IDC terminal blocks

Disconnect with blade - with test socket ADO - ADO

8 mm 0.315 in spacing



Description

- Ease your disconnect operations with the disconnect knife blade operated by hand,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

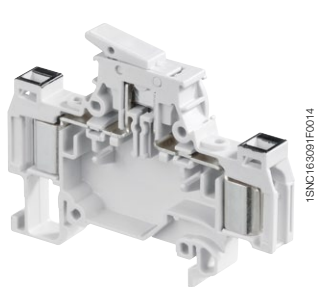
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in With black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/8.SNT2.ADO	1SNA199231R2700	50	12.00

Main technical data

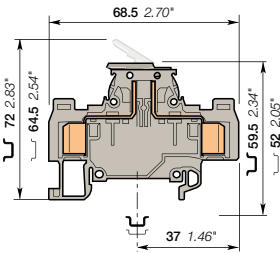
		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²	16-14 AWG	16-14 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		15 A / 2.5 mm²	15 A / 14 AWG	15 A / 14 AWG	Tool	
Rated short-time withstand current (1s)		300 A			Torque	
Rated voltage		500 V	600 V	600 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>	RoHS	USR <input type="checkbox"/>	USR	cCSAus <input type="checkbox"/>	cCSAus	Gost R <input type="checkbox"/>	Gost R
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D2.5/8.SNT2.ADO

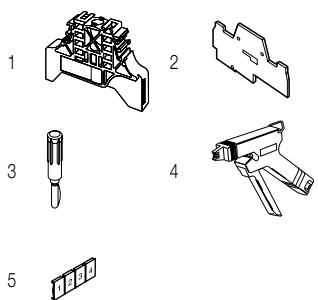


8 mm 0.315 in spacing

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD5	1SNA199354R0200	20	2.70
3 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
4 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

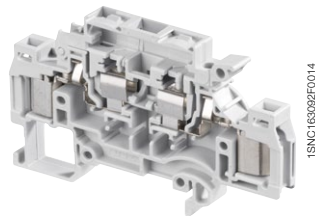
D1.5/8.SF.ADO IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - ADO

8 mm 0.315 in spacing

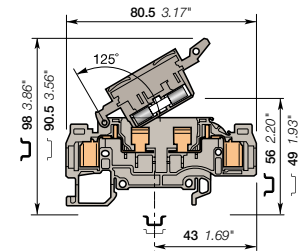


1.5 mm²
16 AWG



1SNC163092F0014

D1.5/8.SF.ADO



8 mm 0.315 in spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With 2 test sockets DIA 2 mm 0.079 in or DIA 2.3 mm 0.091 in	Grey <input type="checkbox"/>	D1.5/8.SFT.ADO	1SNA199208R1100	50	13.00

Main technical data

	IEC	UL	CSA	
ADO	Rigid - Solid / Stranded Flexible 0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Wire stripping length Tool
Rated current / Rated cross section	6.3 A / 1.5 mm ²	8 A / 16 AWG	10 A / 16 AWG	Torque
Rated short-time withstand current (1s)	180 A			
Rated voltage	630 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

Mounting instructions

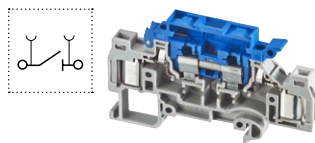
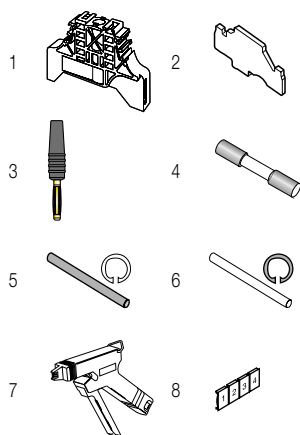
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	USR	cCSAus	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA39903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD7	1SNA199382R2700	20	3.80
3 Test plugs	Black <input type="checkbox"/>	FC2.MC	1SNA107239R0300	20	1.00
4 Fuses		FU520	1SNA008288R1500 1SNA008290R1300 1SNA008291R0000 1SNA008289R1600 1SNA008292R0100	10 10 10 10 10	
5 Assembly rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
6 Spring retaining rings		ANT	1SNA168675R1400	10	
7 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D1.5/8.SF.ADO	Grey, Blue <input type="checkbox"/>	D1.5/8.SNNT.ADO	1SNA199210R0600	50	17.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D1.5/8.SF.ADO IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - ADO - 8 mm 0.315 in spacing



1.5 mm²
16 AWG

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

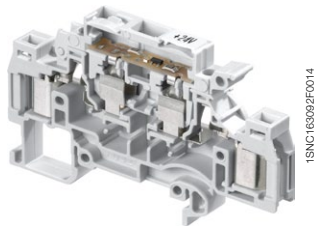
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse	Grey	D1.5/8.SFLT.ADO	1SNA199211R2300	50	14.00
	Grey	D1.5/8.SFDT.ADO	1SNA199212R2400	50	14.00

Main technical data

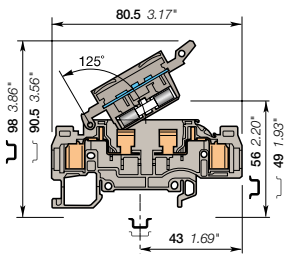
		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule					
	Gauge					
Rated current / Rated cross section		6.3 A / 1.5 mm ²	8 A / 16 AWG	10 A / 16 AWG	Torque	
Rated short-time withstand current (1s)		180 A				
Rated voltage		500 V	600 V	600 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	USR	cCSAus	Gost R
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D1.5/8.SF.ADO

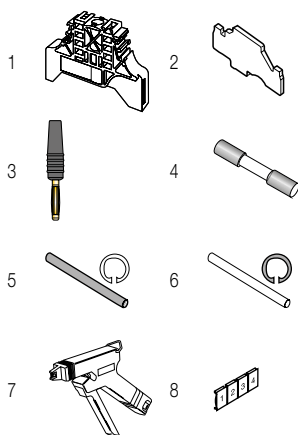


8 mm 0.315 in spacing

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEDAD7	1SNA199382R2700	20	3.80	
3 Test plugs	Black	FC2.MC	1SNA107239R0300	20	1.00	
4 Fuses		FU520	1SNA008288R1500	10		
			1SNA008290R1300	10		
			1SNA008291R0000	10		
			1SNA008289R1600	10		
			1SNA008292R0100	10		
			1SNA008292R0100	10		
5 Assembly rods		TGA8	1SNA168672R1100	10	1.00	
			1SNA168673R1200	10		
			1SNA168674R1300	10		
			1SNA168675R1400	10		
6 Spring retaining rings		ANT	1SNA168675R1400	10		
7 Tools		Semi automatic tool	OUPAD	1	205.00	
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
			RC810	1SNA234000R0200	1	8.20

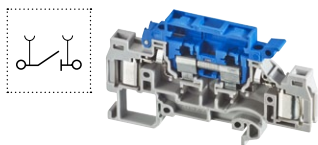
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey, blue	D1.5/8.SNNT.ADO	1SNA199210R0600	50	17.00

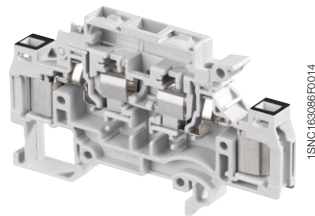
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



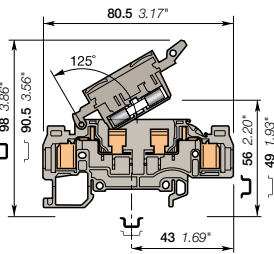
D2.5/8.SF.ADO2 IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with test socket ADO - ADO

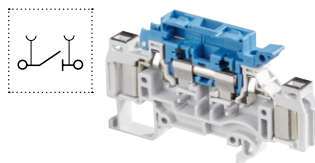
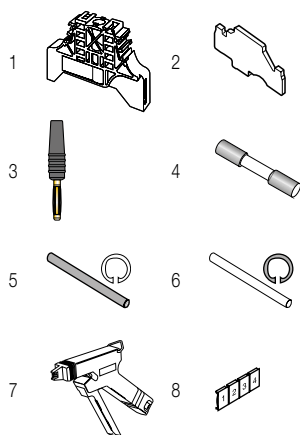
8 mm 0.315 in spacing



D2.5/8.SF.ADO2



8 mm 0.315 in spacing



Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With 2 test sockets DIA 2 mm 0.079 in or DIA 2.3 mm 0.091 in and black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/8.SFT.ADO2	1SNA199184R1100	50	14.00

Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²	16-14 AWG 16-14 AWG	16-14 AWG	Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length
Rated current / Rated cross section		6.3 A / 2.5 mm²	10 A / 14 AWG	10 A / 14 AWG	Tool
Rated short-time withstand current (1s)		300 A			Torque
Rated voltage		630 V	600 V	600 V	
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UR	cCSAus	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD7	1SNA199382R2700	20	3.80
3 Test plugs	Black <input type="checkbox"/>	FC2.MC	1SNA107239R0300	20	1.00
4 Fuses		FU520	1SNA008288R1500 1SNA008290R1300 1SNA008291R0000 1SNA008289R1600 1SNA008292R0100	10 10 10 10 10	
5 Assembly rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
6 Spring retaining rings		ANT	1SNA168675R1400	10	
7 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D2.5/8.SF.ADO	Grey, blue <input type="checkbox"/>	D2.5/8.SNNT.ADO2	1SNA199186R1300	50	18.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

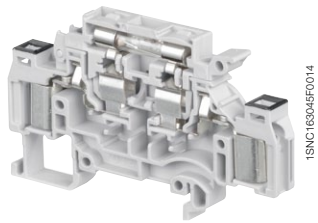
D2.5/8.SF.ADO2 IDC terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test socket ADO - ADO - 8 mm 0.315 in spacing



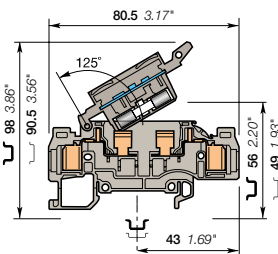
2.5 mm²
14 AWG

2



1SNC16305950201

D2.5/8.SF.ADO2



8 mm 0.315 in spacing

Description

- The ABB ADO System® fuse holders provide circuit protection for control applications,
- Quickly identify the defective circuit thanks to blown fuse indicators,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse With blown fuse indicator by neon 110 - 230 V and 2 test sockets and black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/8.SFLT.ADO2	1SNA199187R1400	50	15.00
With blown fuse indicator by LED 24 V DC and 2 test sockets and black marking for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/8.SFDT.ADO2	1SNA199188R2500	50	15.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ² 1-2.5 mm ²	16-14 AWG	16-14 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		6.3 A / 2.5 mm ²	10 A / 14 AWG	10 A / 14 AWG	Tool	
Rated short-time withstand current (1s)		300 A			Torque	
Rated voltage		500 V	600 V	600 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

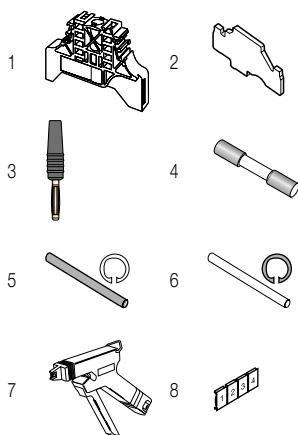
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey <input type="checkbox"/>	FEDAD7	1SNA199382R2700	20	3.80
3 Test plugs	Black <input type="checkbox"/>	FC2.MC	1SNA107239R0300	20	1.00
4 Fuses		FU520	1SNA008288R1500 1SNA008290R1300 1SNA008291R0000 1SNA008289R1600 1SNA008292R0100	10 10 10 10 10	
5 Assembly rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
6 Spring retaining rings		ANT	1SNA168675R1400	10	
7 Tools		Semi automatic tool Hand tool	OUPAD OUMAD	1 1	205.00 29.00
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

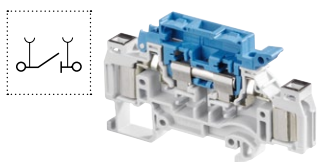
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Disconnect IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Profile aligned with D2.5/8.SF.ADO	Grey, blue <input type="checkbox"/>	D2.5/8.SNNT.ADO2	1SNA199186R1300	50	18.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

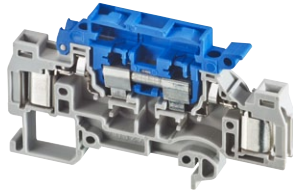


D1.5/8.SNN.ADO IDC terminal blocks

Disconnect - with test socket ADO - ADO - 8 mm 0.315 in spacing

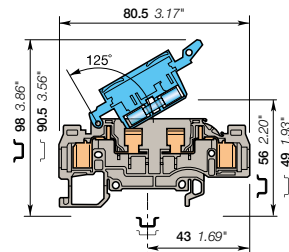


1.5 mm²
16 AWG



1SNC163143F0014

D1.5/8.SNN.ADO



8 mm 0.315 in spacing

Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in or DIA 2.3 mm 0.091 in	Grey, blue	D1.5/8.SNNT.ADO	1SNA199210R0600	50	17.00

Main technical data

	IEC	UL	CSA	
ADO	Rigid - Solid / Stranded Flexible 0.34-1.5 mm ² 0.34-1.5 mm ²	22-16 AWG	22-16 AWG	Rail Wire stripping length Tool Torque
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			
Rated current / Rated cross section	10 A / 1.5 mm ²	8 A / 16 AWG	10 A / 16 AWG	
Rated short-time withstand current (1s)	180 A			
Rated voltage	630 V	600 V	600 V	
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

Mounting instructions

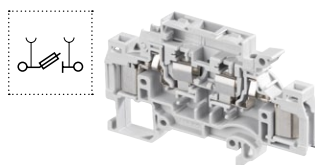
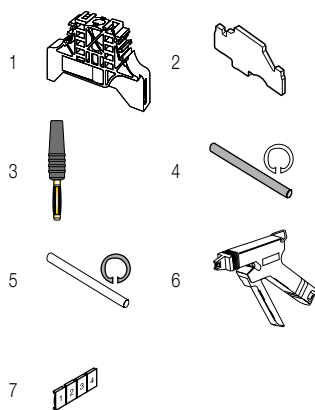
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UR	CSAus	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey	FEDAD7	1SNA199382R2700	20	3.80
3 Test plugs	Black	FC2.MC	1SNA107239R0300	20	1.00
4 Assembly rods		TGA8	1SNA168672R1100 1SNA168673R1200 1SNA168674R1300	10 10 10	1.00
5 Spring retaining rings		ANT	1SNA168675R1400	10	
6 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
7 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with D1.5/8.SNN.ADO	Grey	D1.5/8.SFT.ADO	1SNA199208R1100	50	13.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D2.5/8.SNNT.ADO2 IDC terminal blocks

Disconnect - with test socket ADO - ADO - 8 mm 0.315 in spacing

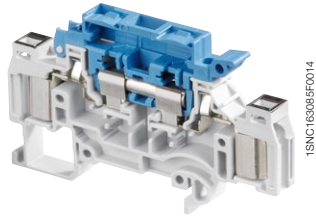


Description

- Disconnect terminal blocks aligned with fuse holder terminal blocks,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 2 mm 0.079 in and black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey, blue	D2.5/8.SNNT.ADO2	1SNA199186R1300	50	18.00

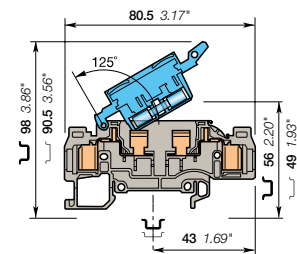


D2.5/8.SNNT.ADO2

Main technical data

	IEC	UL	CSA	Mounting instructions
ADO				Rail
Rigid - Solid / Stranded	1-2.5 mm²	16-14 AWG		Wire stripping length
Flexible	1-2.5 mm²			Tool
Screw clamp				Torque
Rigid - Solid / Stranded				
Flexible with insulated ferrule				
Gauge				
Rated current / Rated cross section	10 A / 2.5 mm²	10 A / 14 AWG		
Rated short-time withstand current (1s)	300 A			
Rated voltage	630 V	600 V		
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



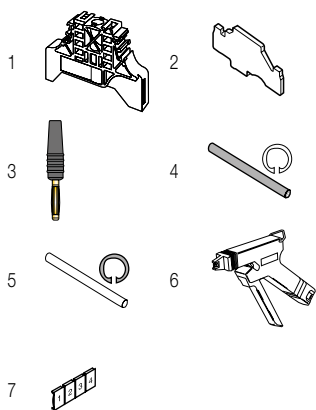
8 mm 0.315 in spacing

RoHS	UL	Gost R
RoHS	UL	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEDAD7	1SNA199382R2700	20	3.80
3 Test plugs	Black	FC2.MC	1SNA107239R0300	20	1.00
4 Assembly rods		TGA8	1SNA168672R1100	10	1.00
			1SNA168673R1200	10	
			1SNA168674R1300	10	
5 Spring retaining rings		ANT	1SNA168675R1400	10	
6 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
7 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

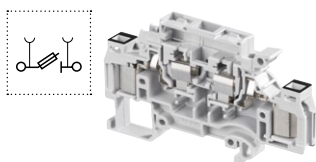
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse IDC terminal blocks

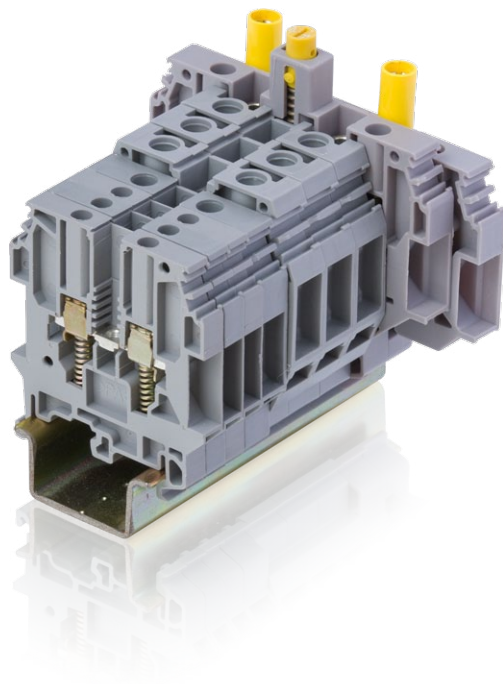
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with D2.5/8.SNNT.ADO	Grey	D2.5/8.SFT.ADO2	1SNA199184R1100	50	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



Notes

A series of horizontal dotted lines for taking notes, spanning most of the page width.



Solution series, terminal blocks

Spring loaded screw clamp technology



Technologies presentation	62
Overview	64

Feed-through

4 mm ² / 12 AWG	M4/6.RS	65
6 mm ² / 12 AWG	M6/8.RS	66
10 mm ² / 6 AWG	M10/10.RS	67

Disconnect with blade

4 mm ² / 10 AWG	M4/6.SNTS	68
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Disconnect with push-turn knob

6 mm ² / 12 AWG	M6/8.STP.RS	With test	69
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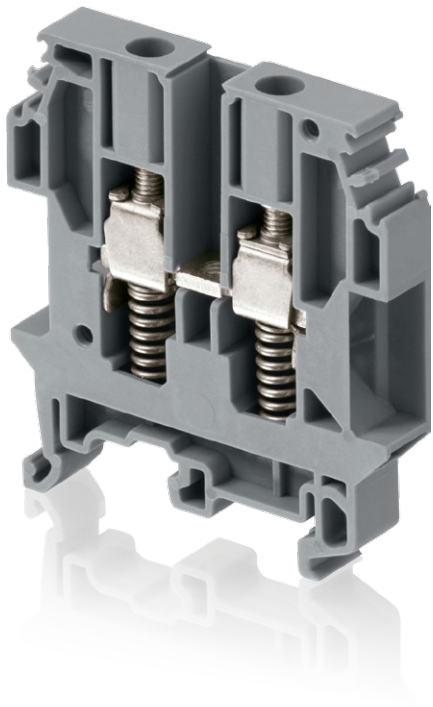
Disconnect with screwdriver sliding link

6 mm ² / 12 AWG	D6/8.ST.RS	70	
	D6/8.ST1.RS.IP20	With insulated test sockets	71

Solution series, terminal blocks

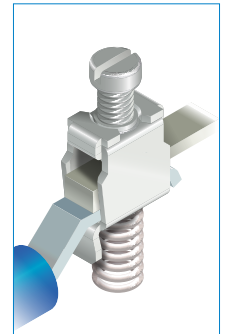
Spring loaded screw clamp technology

3



The safest screw connection!

ABB screw clamp spring loaded technology offers additional contact safety thanks to the combination of a spring under clamp preventing screw loosening and the use of special hook type ferrules providing pull-out proof termination.



Approved by numerous national electricity providers in EU, Africa and Asia since many years.
Comply with IEC and BS TS5018 standards.



The ultimate protection against unwanted opened circuits

Safety first!

Connection of up to **two hook type ferrules** onto screw clamp & conducting bar provide "**pull-out proof**" cable terminations.

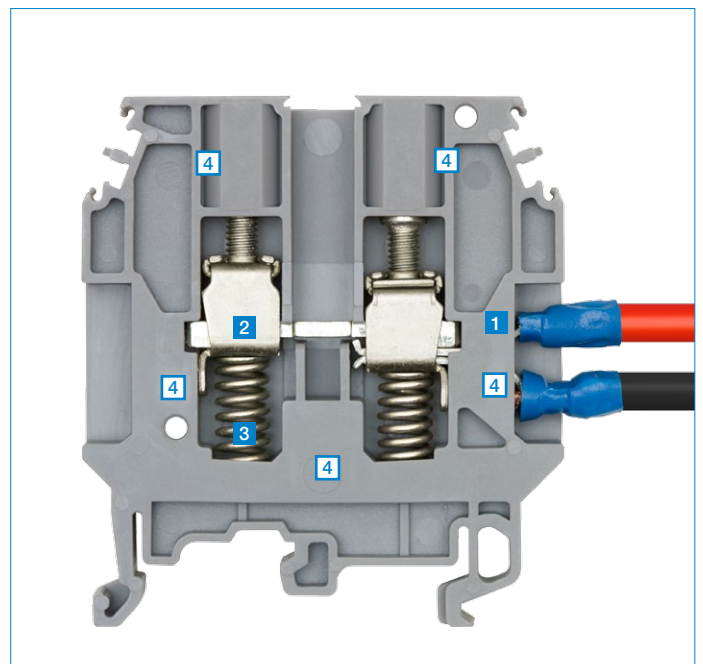
Circuit continuity ensured

Reinforcement spring beneath the clamp maintains **permanent** contact pressure even if screw clamp is loose ensuring **long term security** of cable connections and electrical circuits.

Robust designed

Springs firmly positioned in **deep recesses** and cannot be easily removed or ejected.

Multiple plastic "ribs" compensate spring pressure and **avoid bending effect on body** leading to a **robust** terminal block body construction.



- 1** Hook shaped lugs locked in clamp
- 2** Permanent contact pressure
- 3** Deep recesses spring position
- 4** Multiple reinforcements

1SNC161122S0201

ABB spring loaded screw clamp technology

The safety connection for demanding working conditions

Exclusive design provide robustness and connection safety

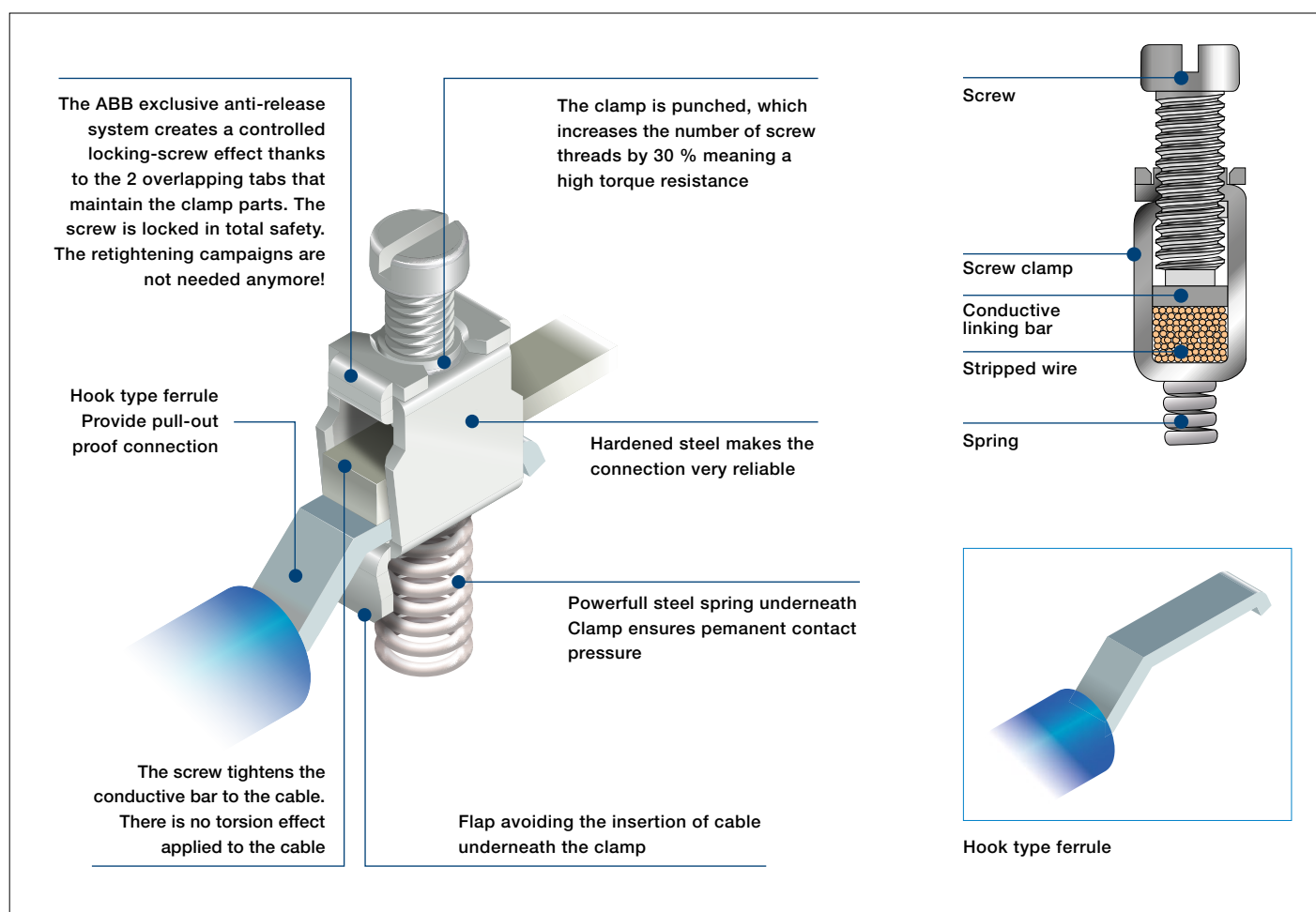
The ABB screw clamp spring loaded terminal is designed to guarantee electrical continuity even when screws are loosened unintentionally.

It features all the benefits of our screw clamp with additional vibration, shock resistant and maintenance free performances.

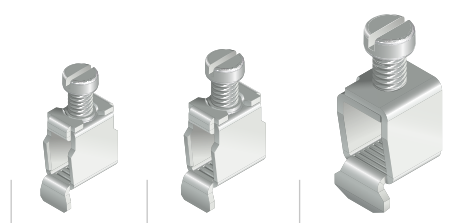
High density wiring

The screw clamp spring loaded terminal can fit up to two conductors equipped with bent ferrules per clamp.

Features



From 0.22 mm² up to 10 mm²
From 24 AWG up to 6 AWG



Solution series, terminal blocks

Spring loaded screw clamp technology

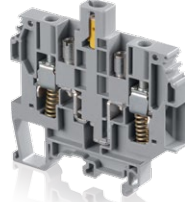
3



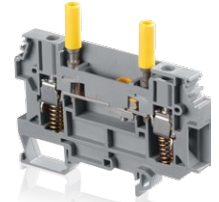
Feed-through







Disconnect with blade



Disconnect with push-turn knob



Disconnect with screwdriver sliding link

Section					
IEC	UL/CSA				
4 mm ²	12 AWG	M4/6.RS 6 mm <i>0.236 in</i>	M4/6.SNTS 6 mm <i>0.236 in</i>		
6 mm ²	12 AWG	M6/8.RS 8 mm <i>0.315 in</i>		M6/8.STP.RS 8 mm <i>0.315 in</i>	D6/8.ST.RS 8 mm <i>0.315 in</i>
10 mm ²	6 AWG	M10/10.RS 10 mm <i>0.394 in</i>			

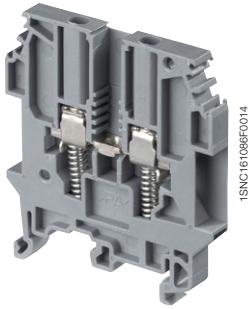
All the technical data for UL/CSA standard and dimensions in inches are in italic.

M4/6.RS spring loaded screw clamp terminal blocks

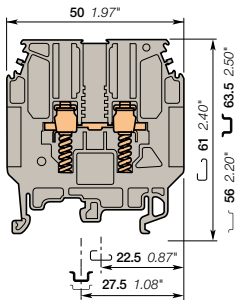
Feed-through - 6 mm 0.236 in spacing



4 mm²



M4/6.RS



6 mm 0.236 in spacing

Description

- Mainly dedicated to energy applications based on BS TS5018 standard ,
- Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

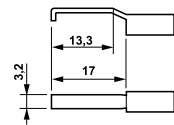
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	M4/6.RS	1SNA115930R1300	50	11.00
	Blue <input type="checkbox"/>	M4/6.N.RS	1SNA125930R1500	50	11.00

Main technical data

		IEC	BS TS 5018	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-4 mm ²			Wire stripping length	13 mm 0.51 in
Lugs	Flexible Gauge	A3	0.28-1.65 mm ²		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		32 A / 4 mm ²	25 A		Torque	0.5 - 0.8 Nm 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		1000 V	500 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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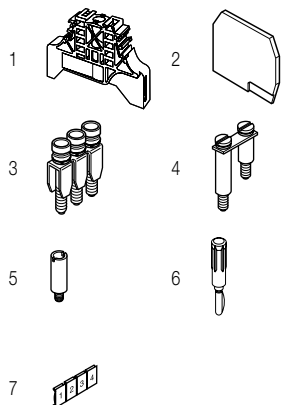


Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA39903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEMR8	1SNA116987R0200	10	3.00		
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	32 A	BJM6-2	1SNA176663R0000	10	4.40
		3 poles		BJM6-3	1SNA176664R0100	10	6.70
		4 poles		BJM6-4	1SNA176665R0200	10	8.90
		5 poles		BJM6-5	1SNA176666R0300	10	11.20
		10 poles		BJM6-10	1SNA176667R0400	10	22.40
4 Cross spacing jumpers		Universal screw jumper bar kit N°IV	BJDP4	1SNA174781R2500	10	5.00	
5 Test sockets		DIA 2 mm 0.079 in	AL2	1SNA163043R2100	50	0.90	
6 Test plugs	Black <input type="checkbox"/>	DIA 2 mm 0.079 in	FC2	1SNA007865R2600	100		
				White <input type="checkbox"/>	RC610	1SNA233000R0100	1
7 Terminal block markers		Blank card					

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



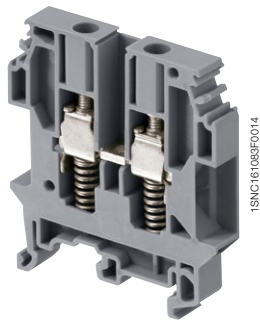
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

M6/8.RS spring loaded screw clamp terminal blocks

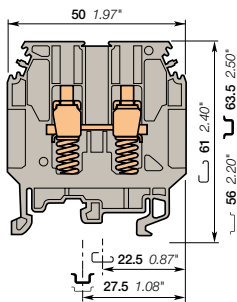
Feed-through - 8 mm 0.315 in spacing



6 mm²
12 AWG



M6/8.RS



8 mm 0.315 in spacing

Description

- Mainly dedicated to energy applications based on BS TS5018 standard,
- Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	M6/8.RS	1SNA115685R1200	50	17.00

Main technical data

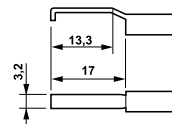
	IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²	20-12 AWG
	Flexible with insulated ferrule	0.5-6 mm ²	
Lugs	Flexible	0.28-2.5 mm ²	
	Gauge	A5	
Rated current / Rated cross section	41 A / 6 mm ²	25 A	25 A / 12 AWG
Rated short-time withstand current (1s)	720 A		
Rated voltage	800 V	500 V	600 V
Impulse withstand voltage	8000 V		
Protection	IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm 0.51 in
Tool		Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
Torque		0.8 - 1 Nm 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	Gost R



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

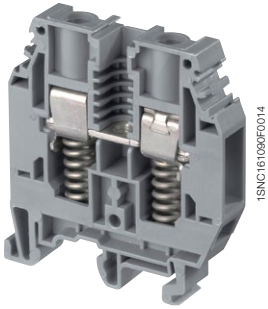
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEMR8	1SNA116987R0200	10	3.00	
3 Jumper bars		2 poles	BJM18-2	1SNA176669R1600	10	4.50
		3 poles	BJM18-3	1SNA176670R1300	10	6.00
		4 poles	BJM18-4	1SNA176671R0000	10	10.00
		5 poles	BJM18-5	1SNA176672R0100	10	12.22
		10 poles	BJM18-10	1SNA176673R0200	10	20.00
4 Test sockets		AL4-M3-R1	1SNA206722R0200	50	1.62	
5 Test plugs	White <input type="checkbox"/>	FC4	1SNA167860R0100	10	10.00	
6 Short circuit plugs		BP8-A4	1SNA173888R2000	10		
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

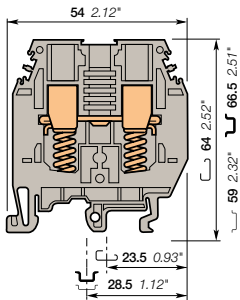
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M10/10.RS spring loaded screw clamp terminal blocks

Feed-through - 10 mm 0.394 in spacing



M10/10.RS



10 mm 0.394 in spacing

Description

- Mainly dedicated to energy applications based on BS TS5018 standard,
- Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	M10/10.RS	1SNA115320R2700	25	30.00

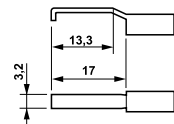
Main technical data

		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm ²		20-6 AWG
	Flexible with insulated ferrule	0.5-10 mm ²		
Lugs	Flexible		0.28-6 mm ²	
	Gauge	A5		
Rated current / Rated cross section		41 A / 10 mm ²	40 A	65 A / 6 AWG
Rated short-time withstand current (1s)		1200 A		
Rated voltage		800 V	500 V	600 V
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		14 mm 0.55 in
Tool		Flat screwdriver Ø 5.5 - 6 mm Ø 0.217 - 0.236 in
Torque		1.2 - 1.4 Nm 10.6 - 12.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

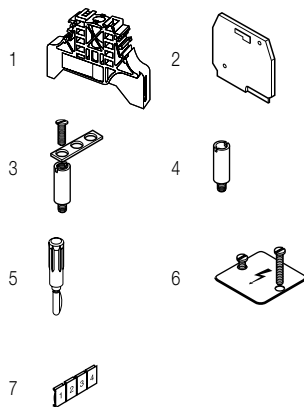


Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEMR10	1SNA114434R0500	10	3.30	
3 Jumper bars	Grey <input type="checkbox"/>	57 A	BJS10	1SNA164585R1700	10	17.00
		3 poles		1SNA164586R1000	10	17.00
		4 poles		1SNA164587R1100	10	17.00
		5 poles		1SNA168273R1100	10	17.00
		10 poles		1SNA164588R2200	10	17.00
		20 poles		BJS10-20	1SNA177654R0000	10
4 Test sockets		AL4-M4	1SNA206723R0300	50	1.30	
5 Test plugs	White <input type="checkbox"/>	FC4	1SNA167860R0100	10	10.00	
6 Protecting covers		PT101	1SNA163181R1100	50		
7 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30	

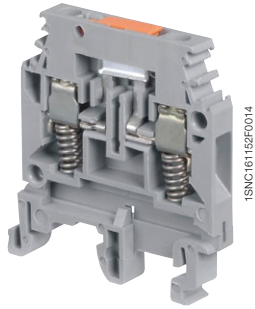
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



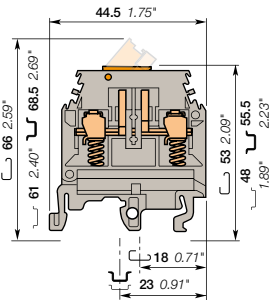
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.SNTS spring loaded screw clamp terminal blocks

Disconnect with blade - with test socket - 6 mm 0.236 in spacing



M4/6.SNTS



6 mm 0.236 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With test socket DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	M4/6.SNTS	1SNA115229R2000	50	11.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²	22-10 AWG
	Flexible with insulated ferrule	0.5-4 mm ²	24-10 AWG
	Gauge		
Rated current / Rated cross section	10 A / 4 mm ²	10 A / 10 AWG	15 A / 10 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	500 V	300 V	600 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.374 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.6 Nm 4.4 - 5.3 lb.in

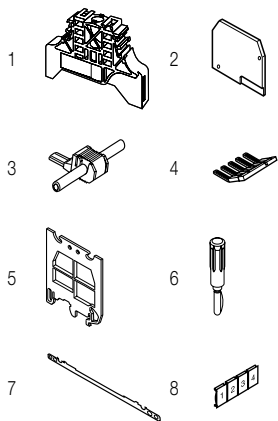
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	cCSAus	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEM6	1SNA118368R1600	20	2.40		
3 Jumper bars	Grey <input type="checkbox"/>	AD2.5	1SNA114205R2000	50	1.60		
4 Lateral jumper bars		10 poles	35 A	PC61-10	1SNA163311R2200	10	5.00
5 Circuit separators	Grey <input type="checkbox"/>	SCFM6	1SNA114825R0500	20	4.00		
		SCF6	1SNA118707R0300	20			
6 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100			
7 Shield connectors		CBM5	1SNA178745R1400	50			
8 Terminal block markers	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

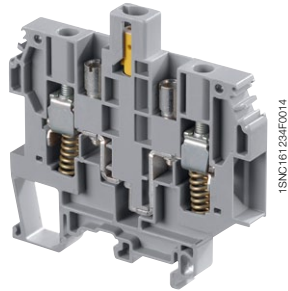
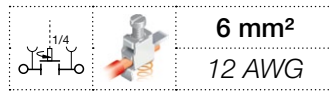


All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

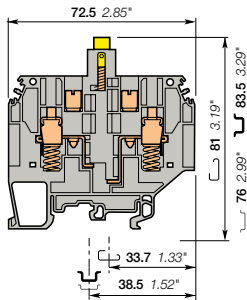
M6/8.STP.RS spring loaded screw clamp terminal blocks

Disconnect with push-turn knob - with test socket

8 mm 0.315 in spacing



M6/8.STP.RS



8 mm 0.315 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 4 mm 0.157 in	Grey, yellow	M6/8.STP.RS	1SNA115678R0200	25	29.00

Main technical data

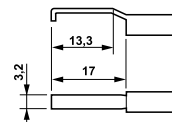
	IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule	0.5-10 mm ² 0.5-6 mm ²	20-12 AWG
Lugs	Flexible Gauge	A5	0.28-2.5 mm ²
Rated current / Rated cross section	24 A / 6 mm ²	25 A	25 A / 12 AWG
Rated short-time withstand current (1s)	720 A		
Rated voltage	500 V	500 V	600 V
Impulse withstand voltage	6000 V		
Protection		NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm 0.512 in
Tool		Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
Torque		0.8 - 1 Nm 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	PC	Gost R
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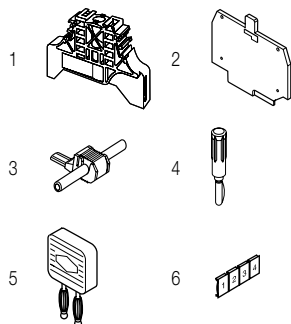


Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

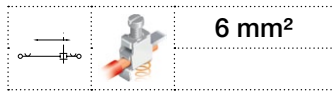
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEMR8T	1SNA116991R0600	10	4.70
3 Jumper bars	Grey	AD2.5	1SNA114205R2000	50	1.60
4 Test plugs	White	FC4	1SNA167860R0100	10	10.00
5 Short circuit plugs	Red	BP8.A4	1SNA173888R2000	10	10.00
		BNSTP2	1SNA196789R2400	20	10.00
		BNSTP1	1SNA196792R1700	20	14.00
6 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

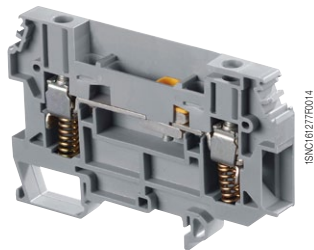


D6/8.ST.RS spring loaded screw clamp terminal blocks

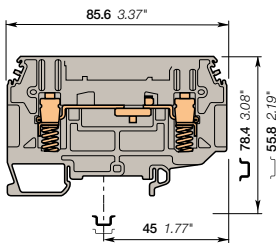
Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



6 mm²



D6/8.ST.RS



8 mm 0.315 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey <input type="checkbox"/>	D6/8.ST.RS	1SNA115914R0700	32	28.00

Main technical data

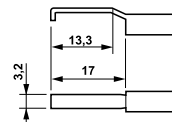
		IEC	BS TS 5018	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²		
	Flexible with insulated ferrule	0.5-6 mm ²		
Lugs	Flexible		0.28-2.5 mm ²	
	Gauge	A5		
Rated current / Rated cross section		24 A / 6 mm ²		
Rated short-time withstand current (1s)		720 A		
Rated voltage		400 V		
Impulse withstand voltage		6000 V		
Protection		NEMA		

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		16 mm 0.51 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.8 - 1 Nm 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R



Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEM8T6	1SNA215266R0100	10	4.40	
3 Jumper bars		2 poles	1SNA164581R1300	10	3.10	
		3 poles	1SNA164582R1400	10	3.10	
		4 poles	1SNA164583R1500	10	3.10	
		20 poles	BJS8-20	1SNA174789R0500	5	3.20
4 Fastening kits		Sub assembly post + screw + washer	EV6I	1SNA206394R0200	20	2.00
5 Test sockets	Yellow <input type="checkbox"/>	AJS9	1SNA179726R0200	25	3.60	
	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500	25	3.60	
	Green <input type="checkbox"/>	AJS9-2	1SNA206681R0200	25	3.60	
	Grey <input type="checkbox"/>	AJS9-3	1SNA206682R0300	25	3.60	
	Blue <input type="checkbox"/>	AJS9-4	1SNA206683R0400	25	3.60	
	Red <input type="checkbox"/>	AJS9-5	1SNA206720R1400	25	3.60	
6 Test plugs	Red <input type="checkbox"/>	AL4-M3	1SNA206721R0100	50	1.10	
		FC4-1	1SNA167927R1000	10	11.00	
7 Short circuit bridges	Yellow <input type="checkbox"/>	2 poles	SC-JB8-2	1SNK900652R0000	25	2.00
		3 poles	SC-JB8-3	1SNK900653R0000	25	3.40
		4 poles	SC-JB8-4	1SNK900654R0000	25	4.70
		Terminal block markers	Blank card	RC810	1SNA234000R0200	1

Complete list of accessories is indicated in the terminal block datasheet.

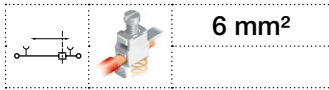
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

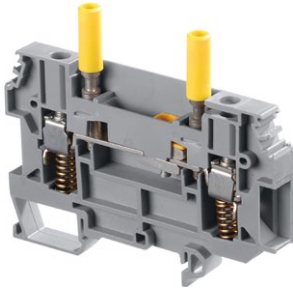
Technical data valid for copper conductors only.

D6/8.ST.RS spring loaded screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing

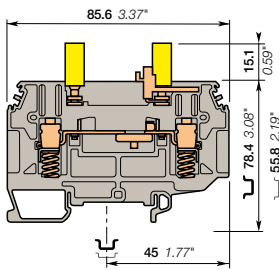


6 mm²



1SNC161233R014

D6/8.ST.RS



8 mm 0.315 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

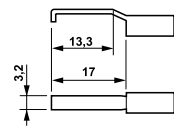
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 yellow test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	D6/8.ST1.RS.IP20	1SNA115831R0400	32	38.00

Main technical data

		IEC	BS TS 5018	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	16 mm 0.51 in
Lugs	Flexible		0.28-2.5 mm ²		Screw clamp Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in 0.8 - 1 Nm 7.1 - 8.9 lb.in
	Gauge	A5			Torque	
Rated current / Rated cross section		24 A / 6 mm ²			Disconnect device Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated short-time withstand current (1s)		720 A				
Rated voltage		400 V			Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage		6000 V				
Protection				NEMA	Test socket Tool	Ø 3.5 mm Ø 0.138 in
					Torque	0.6 N.m 5.34 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R				
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Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM8T6	1SNA215266R0100	10	4.40
3 Jumper bars	Grey <input type="checkbox"/>	AD2.5	1SNA114205R2000	50	1.60
4 Test sockets	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500	25	3.60
	Green <input type="checkbox"/>	AJS9-2	1SNA206681R0200	25	3.60
	Grey <input type="checkbox"/>	AJS9-3	1SNA206682R0300	25	3.60
	Blue <input type="checkbox"/>	AJS9-4	1SNA206683R0400	25	3.60
	Red <input type="checkbox"/>	AJS9-5	1SNA206720R1400	25	3.60
5 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
	Yellow <input type="checkbox"/>	SC-JB8-2	1SNK900652R0000	25	2.00
6 Short circuit bridges		SC-JB8-3	1SNK900653R0000	25	3.40
		SC-JB8-4	1SNK900654R0000	25	4.70
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

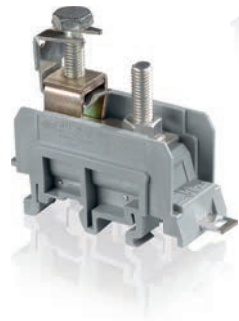
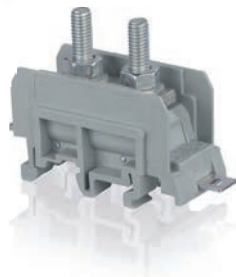
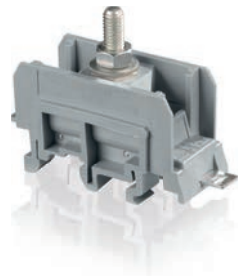
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

Solution series, terminal blocks

Stud technology



Technologies presentation	74
Overview	75

One stud

Feed-through

25 mm ² / 2 AWG	M35/26.F	76
50 mm ² / 00 AWG	M70/31.F	77
70 mm ² / 000 AWG-250 Kcmil	M120/35.F	78
120 mm ² / 500 Kcmil	M300/42.F	79

Two studs

Feed-through

25 mm ² / 2 AWG	M35/26.FF	80
50 mm ² / 00 AWG	M70/31.FF	81
70 mm ² / 000 AWG-250 Kcmil	M120/35.FF	82
120 mm ² / 500 Kcmil	M300/42.FF	83

One stud - One wire-clamp

Feed-through

25 mm ² / 2 AWG	M35/26.AF	84
50 mm ² / 0 AWG	M70/31.AF	85
70 mm ² / 000 AWG-250 Kcmil	M120/35.AF	86
120 mm ² / 500 Kcmil	M300/42.AF	87

Mounting instructions	88
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ABB Stud technology

The connection for power and energy circuits

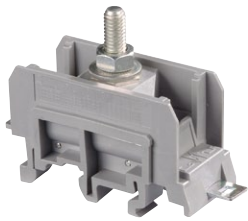
Reliability first

Stud technology is designed to ensure a reliable connection thanks to the combination of:

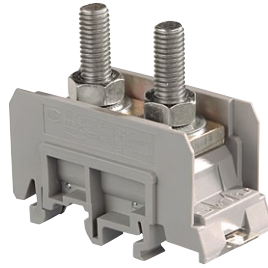
- Vibration resistant equipments (nuts, washers),
- Lugs crimped on the cable provide pull-out proof termination.

This technology is very popular on the American market and particularly in the energy applications.

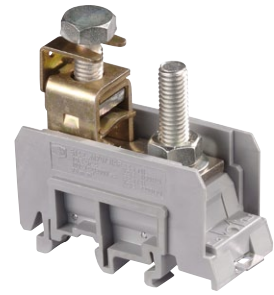
Available configurations



One stud

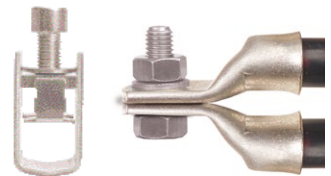
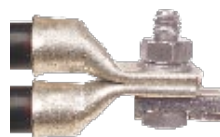


Two studs



One wire clamp / one stud

Connection technics



Up to 300 mm² / 1000 Kcmil



M4-M5
6 mm²
8 AWG



M6
35 mm²
1 AWG



M8
70 mm²
000 AWG



M10
120 mm²
300 Kcmil



M12
185 mm²
500 Kcmil

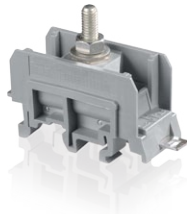


M16
300 mm²
1000 Kcmil

Solution series, terminal blocks

Stud technology

One stud



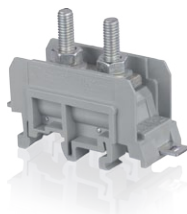
Feed-through

Section



IEC	UL/CSA		
25 mm ²	2 AWG	M35/26.F	26 mm 1.024 in
50 mm ²	00 AWG	M70/31.F	31 mm 1.220 in
70 mm ²	000 AWG-250 Kcmil	M120/35.F	35 mm 1.380 in
120 mm ²	500 Kcmil	M300/42.F	42 mm 1.653 in

Two studs



Feed-through

Section



IEC	UL/CSA		
25 mm ²	2 AWG	M35/26.FF	26 mm 1.024 in
50 mm ²	00 AWG	M70/31.FF	31 mm 1.220 in
70 mm ²	000 AWG-250 Kcmil	M120/35.FF	35 mm 1.380 in
120 mm ²	500 Kcmil	M300/42.FF	42 mm 1.653 in

One stud - One wire-clamp



Feed-through

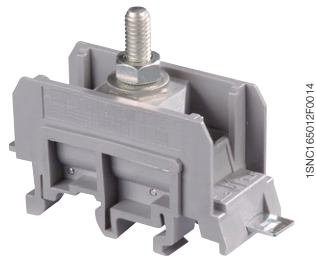
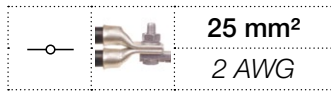
Section



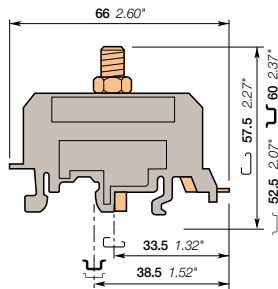
IEC	UL/CSA		
25 mm ²	2 AWG	M35/26.AF	26 mm 1.024 in
50 mm ²	0 AWG	M70/31.AF	31 mm 1.220 in
70 mm ²	000 AWG-250 Kcmil	M120/35.AF	35 mm 1.380 in
120 mm ²	500 Kcmil	M300/42.AF	42 mm 1.653 in

M35/26.F stud terminal blocks

Feed-through - 26 mm 1.024 in spacing



M35/26.F



26 mm 1.024 in spacing

Description

- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M6	Grey <input type="checkbox"/>	M35/26.F	1SNA115141R1000	10 pce	40.00 (1 pce) 9

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		4-35 mm ²	2.5-50 mm ²	10-2 AWG	max 4 AWG
		C3			

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA

Bar		IEC	DIN	UL	CSA	
		Rated current	101 A	125 A	115 A	125 A
		Rated cross section	25 mm ²	35 mm ²	2 AWG	4 AWG
		Rated voltage	1000 V		600 V	600 V
Impulse withstand voltage		8000 V				

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H10 mm
Tool		
Torque		4,5 N.m 39 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

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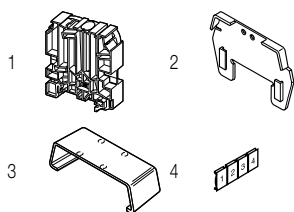
RoHS	RoHS	UL	UL	CSA	CSA	Gost R	Gost R
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Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	13.00 (1 pce) 9
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP26	1SNA113689R2400	10	6.40
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP261	1SNA168202R1300	5	5.00
		CPP262	1SNA168201R1200	5	10.00
		CPP263	1SNA163403R2000	5	17.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



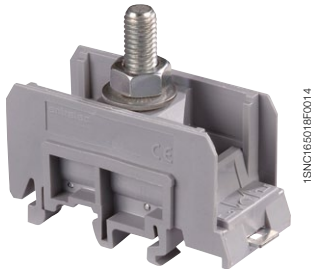
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M70/31.F stud terminal blocks

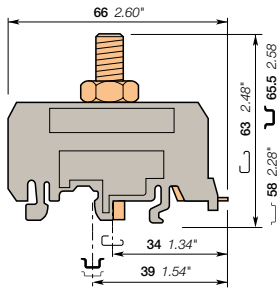
Feed-through - 31 mm 1.220 in spacing



50 mm²
00 AWG



M70/31.F



31 mm 1.220 in spacing

Description

- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M8	Grey <input type="checkbox"/>	M70/31.F	1SNA115144R1300	10 pce	(1 pce) 9 g

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		6-70 mm ² 6-50 mm ² C5	2.5-70 mm ² 2.5-50 mm ²	4-00 AWG	max 0 AWG

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA

Bar	Rated current	IEC	DIN	UL	CSA
		150 A	150 A	175 A	200 A
Rated cross section	50 mm ²	50 mm ²	00 AWG	0 AWG	
Rated voltage	1000 V		600 V	600 V	
Impulse withstand voltage	8000 V				

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

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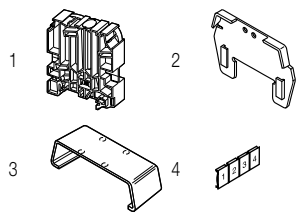
RoHS	USR	CSA	Gost R

Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	(1 pce) 13.00 g
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP31	1SNA113690R2100	10	6.70
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP311	1SNA168204R1500	5	7.00
		CPP312	1SNA168203R1400	5	14.00
		CPP313	1SNA163409R0600	5	23.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

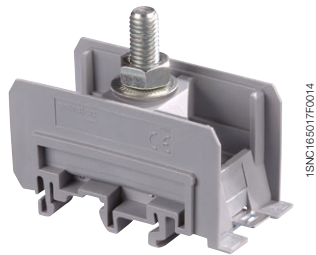
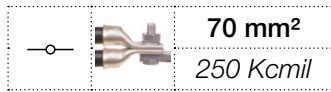
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

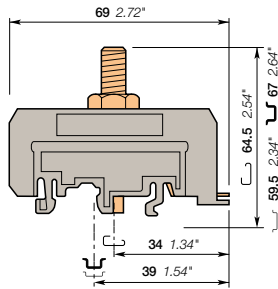


M120/35.F stud terminal blocks

Feed-through - 35 mm 1.380 in spacing



M120/35.F



35 mm 1.380 in spacing

Description

- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M8	Grey <input type="checkbox"/>	M120/35.F	1SNA115147R1600	10 pce	61.00 (1 pce) 9

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		6-95 mm ²	2.5-70 mm ²	2-250 Kcmil	max 000 AWG
		6-70 mm ²	2.5-70 mm ²		
		C6			

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA

Bar	Rated current	IEC	DIN	UL	CSA
		192 A	150 A	255 A	270 A
	Rated cross section	70 mm ²	50 mm ²	250 Kcmil	000 AWG
	Rated voltage	1000 V		600 V	600 V
	Impulse withstand voltage	8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

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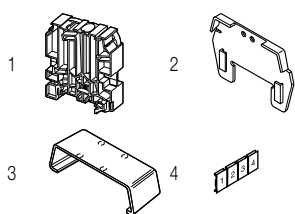
RoHS	UL	CSA	Gost-R

Accessories

Description	Color	Type	Order code	Pkg	Weight	
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	13.00 (1 pce) 9	
		BADH	1SNA116900R2700	50	20.00	
2 Circuit separators	Grey <input type="checkbox"/>	ECP35	1SNA113691R1600	10	10.00	
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	marked cut: 1 block	CPP351	1SNA168206R1700	5	8.00
		marked cut: 2 blocks	CPP352	1SNA168205R1600	5	20.00
		marked cut: 3 blocks	CPP353	1SNA163418R2600	5	20.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46	
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50	

Complete list of accessories is indicated in the terminal block datasheet.

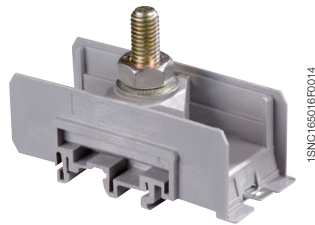
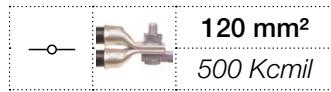
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



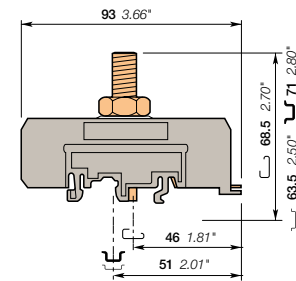
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M300/42.F stud terminal blocks

Feed-through - 42 mm 1.653 in spacing



M300/42.F



42 mm 1.653 in spacing

Description

- Compact one stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M10	Grey <input type="checkbox"/>	M300/42.F	1SNA115150R2500	10 pce	(1 pce) 9 g

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		50-150 mm ²	6-150 mm ²	0-500 Kcmil	max 500 Kcmil
		C8			

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA

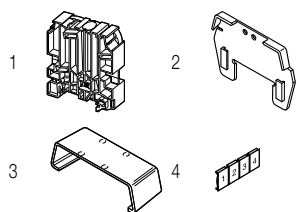
Bar	Rated current	IEC	DIN	UL	CSA
		269 A	269 A	230 A	550 A
Rated cross section		120 mm ²	120 mm ²	500 Kcmil	500 Kcmil
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H16 mm
Torque		10 N.m 87 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

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Accessories

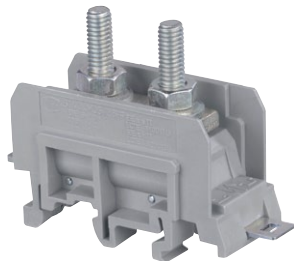
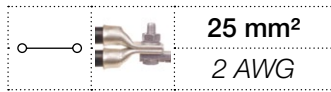
Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	(1 pce) 13.00 g
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP42	1SNA113692R1700	10	20.00
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP421	1SNA168208R2100	5	13.00
		CPP422	1SNA168207R1000	5	30.00
		CPP423	1SNA163424R1400	5	40.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

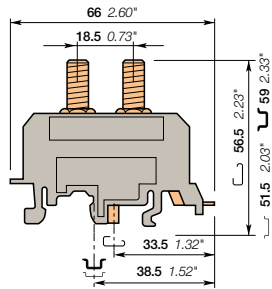
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M35/26.FF stud terminal blocks

Feed-through - 26 mm 1.024 in spacing



M35/26.FF



26 mm 1.024 in spacing

Description

- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 studs M6 linked by 1 removable bar 16 x 4 mm	Grey <input type="checkbox"/>	M35/26.FF	1SNA115140R2300	10	64.00

Main technical data

		NFC				DIN				UL				CSA			
		Rigid - Solid / Stranded		Flexible		Rigid - Solid / Stranded		Flexible		Rigid - Solid / Stranded		Flexible		Rigid - Solid / Stranded		Flexible	
Lugs		4-35 mm ²		2.5-50 mm ²		10-2 AWG		max 4 AWG									
	Gauge	C3															
Screw clamp		Rigid - Solid / Stranded		Flexible		Gauge											
		IEC		DIN		UL		CSA									
Bar		16 x 4 mm		0.63 x 0.16 in													
Rated current		101 A		125 A		115 A		125 A									
Rated cross section		25 mm ²		35 mm ²		2 AWG		4 AWG									
Rated voltage		1000 V		8000 V		600 V		600 V									
Impulse withstand voltage																	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H10 mm
Tool		
Torque		4,5 N.m 39 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

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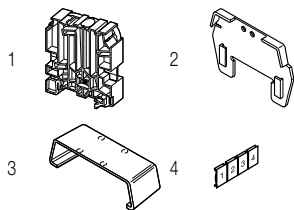
RoHS	RoHS	USR	CSA	Gost R															
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50	13.00
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP26	1SNA113689R2400	10	6.40
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP261	1SNA168202R1300	5	5.00
		CPP262	1SNA168201R1200	5	10.00
		CPP263	1SNA163403R2000	5	17.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

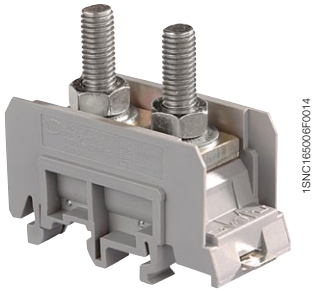
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



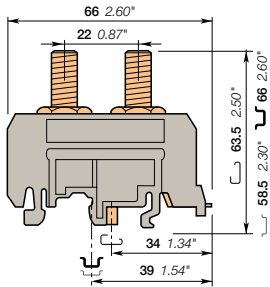
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M70/31.FF stud terminal blocks

Feed-through - 31 mm 1.220 in spacing



M70/31.FF



31 mm 1.220 in spacing

Description

- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 2 studs M8 linked by 1 removable bar 20 x 5 mm	Grey <input type="checkbox"/>	M70/31.FF	1SNA115143R1200	10 pce	(1 pce) 9 g 110.00

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		6-70 mm ² 6-50 mm ² C5	2.5-70 mm ² 2.5-50 mm ²	4-00 AWG	max 0 AWG
Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
Bar		20 x 5 mm	0.78 x 0.20 in		
Rated current		150 A	178 A	175 A	200 A
Rated cross section		50 mm ²	50 mm ²	00 AWG	0 AWG
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

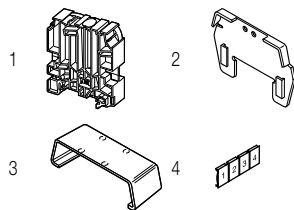
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Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50	13.00
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP31	1SNA113690R2100	10	6.70
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP311	1SNA168204R1500	5	7.00
		CPP312	1SNA168203R1400	5	14.00
		CPP313	1SNA163409R0600	5	23.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

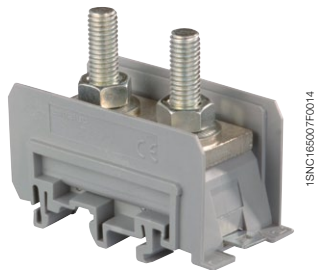
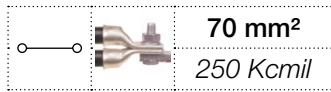
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

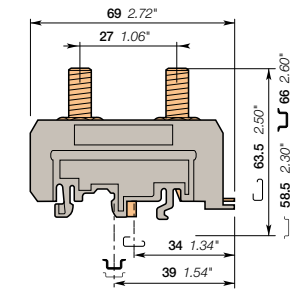


M120/35.FF stud terminal blocks

Feed-through - 35 mm 1.380 in spacing



M120/35.FF



35 mm 1.380 in spacing

Description

- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 2 studs M8 linked by 1 removable bar 25 x 5 mm	Grey <input type="checkbox"/>	M120/35.FF	1SNA115146R1500	10 pce	130.00 (1 pce) 9 g

Main technical data

		NFC	DIN	UL	CSA
		Lugs	Rigid - Solid / Stranded Flexible Gauge	6-95 mm ² 6-70 mm ² C6	2.5-70 mm ² 2.5-70 mm ²
Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
	Bar	25 x 5 mm 1 x 0.20 in			
Rated current		192 A	220 A	255 A	270 A
Rated cross section		70 mm ²	70 mm ²	250 Kcmil	000 AWG
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

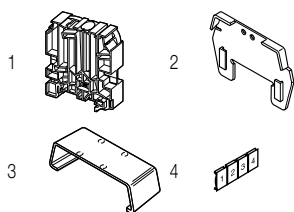
RoHS		RoHS
USR		USR
CSA		CSA
Gost R		Gost R

Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	13.00 (1 pce) 9 g
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP35	1SNA113691R1600	10	10.00
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	marked cut: 1 block CPP351	1SNA168206R1700	5	8.00
		marked cut: 2 blocks CPP352	1SNA168205R1600	5	20.00
		marked cut: 3 blocks CPP353	1SNA163418R2600	5	20.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

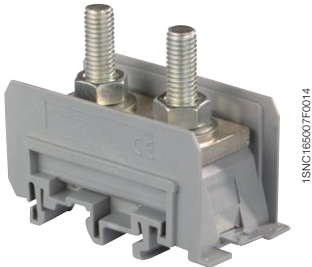
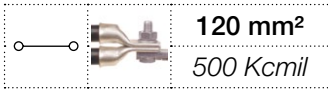
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



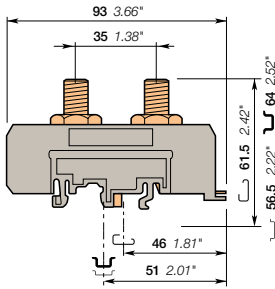
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

M300/42.FF stud terminal blocks

Feed-through - 42 mm 1.653 in spacing



M300/42.FF



42 mm 1.653 in spacing

Description

- Compact two stud terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 studs M10 linked by 1 removable bar 32 x 8 mm	Grey <input type="checkbox"/>	M300/42.FF	1SNA115149R2000	10	220.00

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		50-150 mm ²	6-150 mm ²	0-500 kcmil	max 500 Kcmil
Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
Bar	32 x 8 mm	IEC	DIN	UL	CSA
Rated current	269 A	265 A	230 A	550 A	
Rated cross section	120 mm ²	120 mm ²	500 Kcmil	500 Kcmil	
Rated voltage	1000 V		600 V	600 V	
Impulse withstand voltage	8000 V				

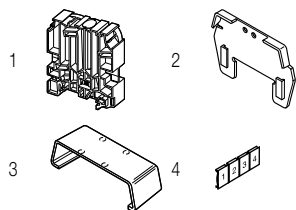
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H16 mm
Tool		
Torque		10 N.m 87 lb.in
Jumper screw		
Tool		
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	ULR	CSA	Gost R

Accessories



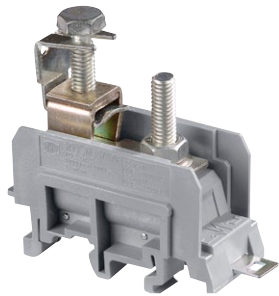
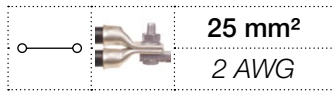
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50	13.00
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP42	1SNA113692R1700	10	20.00
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	CPP421	1SNA168208R2100	5	13.00
		CPP422	1SNA168207R1000	5	30.00
		CPP423	1SNA163424R1400	5	40.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

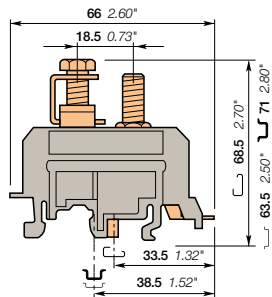
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M35/26.AF stud terminal blocks

Feed-through - 26 mm 1.024 in spacing



M35/26.AF



26 mm 1.024 in spacing

Description

- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M6 + 1 wire-clamp	Grey <input type="checkbox"/>	M35/26.AF	1SNA115139R1600	10 pce	60.00 (1 pce) 9 g

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		4-35 mm ²	2.5-50 mm ²	10-2 AWG	10-4 AWG
		4-25 mm ²	2.5-25 mm ²		
		C3			

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
		6-50 mm ²	6-50 mm ²	14-2 AWG	10-4 AWG
		6-25 mm ²			

Bar	Rated current	IEC	DIN	UL	CSA
		101 A	115 A	115 A	125 A
Rated cross section		25 mm ²	25 mm ²	2 AWG	4 AWG
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H10 mm
Tool		
Torque		4,5 N.m 39 lb.in
Jumper screw		
Tool		
Torque		4,5 N.m 39 lb.in
Screw clamp		Wrench H10 mm
Tool		
Torque		4,5 N.m 39 lb.in
Wire stripping length		19 mm 0.748 in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

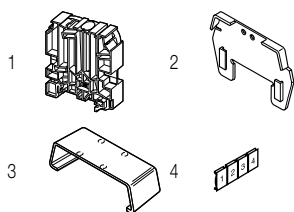
RoHS	USR	CSA	Gost R
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	13.00 (1 pce) 9 g
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP26	1SNA113689R2400	10	6.40
3 Protecting covers	Transparent <input type="checkbox"/>	marked cut: 1 block	CPP261	5	5.00
		marked cut: 2 blocks	CPP262	5	10.00
		marked cut: 3 blocks	CPP263	5	17.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

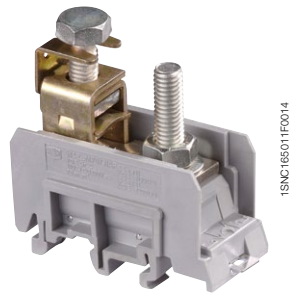
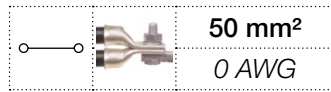
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



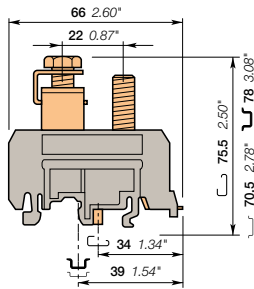
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M70/31.AF stud terminal blocks

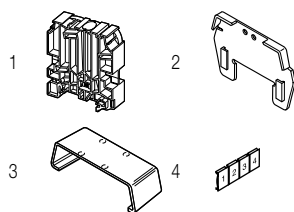
Feed-through - 31 mm 1.220 in spacing



M70/31.AF



31 mm 1.220 in spacing



Description

- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M8 + 1 wire-clamp	Grey <input type="checkbox"/>	M70/31.AF	1SNA115142R1100	10 pce	(1 pce) 9 g

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		6-70 mm ²	2.5-70 mm ²	8-0 AWG	6-0 AWG
		6-50 mm ²	2.5-50 mm ²		
		C5			

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
		6-70 mm ²	6-70 mm ²	8-0 AWG	6-0 AWG
		6-50 mm ²			

Bar	Rated current	IEC	DIN	UL	CSA
		150 A	178 A	150 A	200 A
Rated cross section		50 mm ²	50 mm ²	0 AWG	0 AWG
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H13 mm
Torque		6 N.m 52 lb.in
Jumper screw		
Tool		
Torque		6 N.m 52 lb.in
Screw clamp		Wrench
Tool		H13 mm
Torque		6 N.m 52 lb.in
Wire stripping length		22 mm 0.866 in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

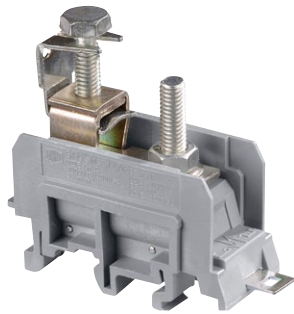
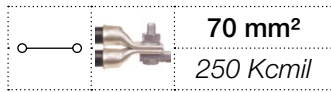
Description	Color	Type	Order code	Pkg	Weight	
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	(1 pce) 13.00 g	
		BADH	1SNA116900R2700	50	20.00	
2 Circuit separators	Grey <input type="checkbox"/>	ECP31	1SNA113690R2100	10	6.70	
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	marked cut: 1 block	CPP311	1SNA168204R1500	5	7.00
		marked cut: 2 blocks	CPP312	1SNA168203R1400	5	14.00
		marked cut: 3 blocks	CPP313	1SNA163409R0600	5	23.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46	
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50	

Complete list of accessories is indicated in the terminal block datasheet.

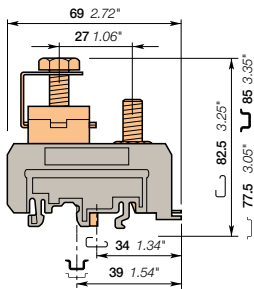
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

M120/35.AF stud terminal blocks

Feed-through - 35 mm 1.380 in spacing



M120/35.AF



35 mm 1.380 in spacing

Description

- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M8 + 1 wire-clamp	Grey <input type="checkbox"/>	M120/35.AF	1SNA115145R1400	10 (1 pce)	9 160.00

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		6-95 mm ² 6-70 mm ² C6	2.5-70 mm ² 2.5-70 mm ²	2-250 Kcmil	max 000 AWG

Screw clamp	Rigid - Solid / Stranded Flexible Gauge	IEC	DIN	UL	CSA
		35-120 mm ² 35-70 mm ²	35-120 mm ² 35-70 mm ²	2-250 Kcmil	2-000 AWG

Bar	Rated current Rated cross section Rated voltage Impulse withstand voltage	IEC	DIN	UL	CSA
		192 A 70 mm ² 1000 V 8000 V	150 A 50 mm ²	255 A 250 Kcmil 600 V	270 A 000 AWG 600 V

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Tool		
Torque		6 N.m 52 lb.in
Screw clamp		Wrench H13 mm
Tool		
Torque		6 N.m 52 lb.in
Wire stripping length		28 mm 1.102 in

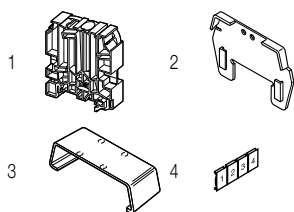
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50	13.00
		BADH	1SNA116900R2700	50	20.00
2 Circuit separators	Grey <input type="checkbox"/>	ECP35	1SNA113691R1600	10	10.00
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	marked cut: 1 block CPP351	1SNA168206R1700	5	8.00
		marked cut: 2 blocks CPP352	1SNA168205R1600	5	20.00
		marked cut: 3 blocks CPP353	1SNA163418R2600	5	20.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

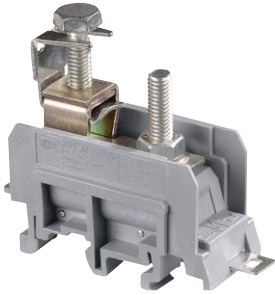
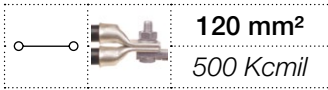
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



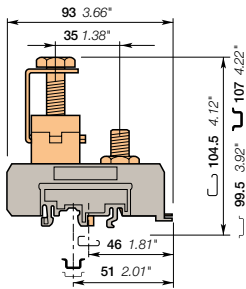
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M300/42.AF stud terminal blocks

Feed-through - 42 mm 1.653 in spacing



M300/42.AF



42 mm 1.653 in spacing

Description

- Compact one stud / one clamp terminal block,
- Lug mounting in accordance with NF C 20-130 and DIN 46234,
- Various marking options,
- Rail or base mounting.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 1 stud M10 + 1 wire-clamp	Grey <input type="checkbox"/>	M300/42.AF	1SNA115148R2700	10 pce	(1 pce) 340.00 g

Main technical data

		NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded	50-150 mm ²	6-150 mm ²	0-500 Kcmil	0-500 Kcmil
	Flexible	50-120 mm ²	6-120 mm ²		
	Gauge	C8			

		IEC	DIN	UL	CSA
Screw clamp	Rigid - Solid / Stranded	70-300 mm ²	70-300 mm ²	0-500 Kcmil	0-500 Kcmil
	Flexible	70-120 mm ²	70-120 mm ²		
	Gauge				

		IEC	DIN	UL	CSA
Bar					
Rated current		269 A	269 A	380 A	550 A
Rated cross section		120 mm ²	120 mm ²	500 Kcmil	500 Kcmil
Rated voltage		1000 V		600 V	600 V
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H16 mm
Torque		10 N.m 87 lb.in
Jumper screw		
Tool		
Torque		10 N.m 87 lb.in
Screw clamp		Wrench
Tool		H16 mm
Torque		10 N.m 87 lb.in
Wire stripping length		40 mm 1.575 in

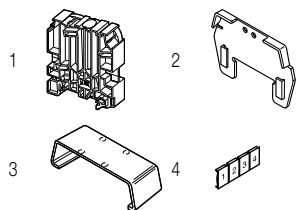
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	Gost R						

Accessories

Description	Color	Type	Order code	Pkg	Weight	
1 End stops	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50 pce	(1 pce) 13.00 g	
		BADH	1SNA116900R2700	50	20.00	
2 Circuit separators	Grey <input type="checkbox"/>	ECP42	1SNA113692R1700	10	20.00	
3 Protecting covers	Transparent <input checked="" type="checkbox"/>	marked cut: 1 block	CPP421	1SNA168208R2100	5	13.00
		marked cut: 2 blocks	CPP422	1SNA168207R1000	5	30.00
		marked cut: 3 blocks	CPP423	1SNA163424R1400	5	40.00
4 Terminal block markers	Grey <input type="checkbox"/>	PEP	1SNA113762R2400	50	0.46	
	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

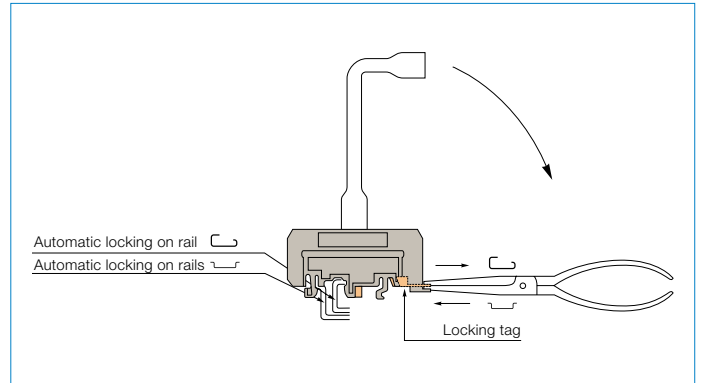
ABB's "positive retention" lock foot Mounting instructions

Mounting

The locking action is automatic on mounting the block on the rail.

Unlocking

- Pull or push on the locking tag, using pliers as follows
- Blocks mounted on DIN 1 rail: pull on the release tag
- Blocks mounted on DIN 3 rails: push on the release tag
- Remove the block from the rail by rotation, using a tube wrench while maintaining the action of the pliers.

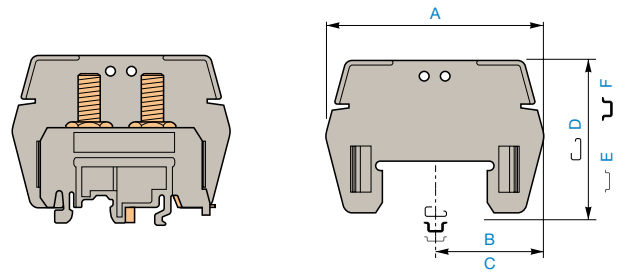


4

Space requirements of blocks with their partition or protective cover

Partition for TYPE I blocks

Type	Order code	Spacing	A	B	C	D	E	F
Dimensions mm								
ECP26	1SNA113689R2400	26	76	35.5	40.5	67.5	62.5	70
ECP31	1SNA113690R2100	31	84	39.5	44.5	72.5	67.5	75
ECP35	1SNA113691R1600	35	90	42.5	47.5	82.5	77.5	85
ECP42	1SNA113692R1700	42	116	55.5	60.5	104.5	99.5	107



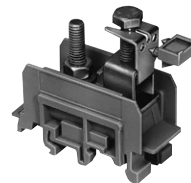
Marker-holder for power blocks

This marker-holder snaps on the ECP and ECS power blocks partitions, as well as on the type I power blocks compression clamps.

They can also be mounted on the SCF separator end sections.

Type	Order code
PEP	1SNA113762R2400

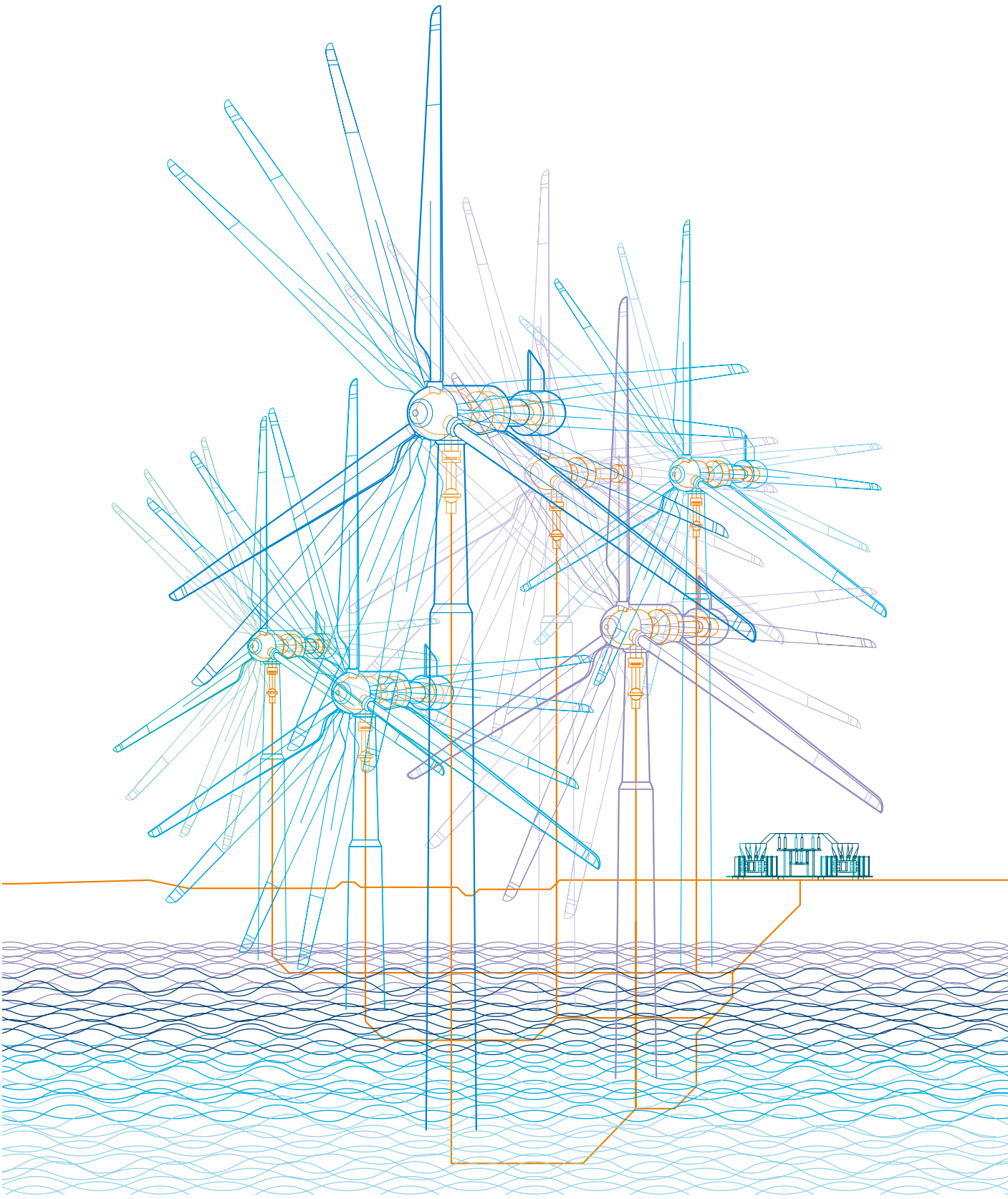
This marker-holder can receive:
1 label RC610



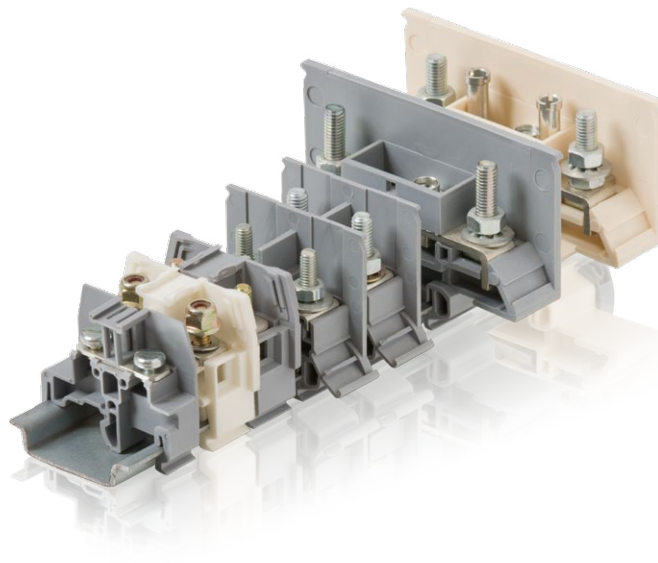
Adhesive marker

High performance adhesive marker for most surface types.
See section on markers.

Type	Oder code
RPA	1SNA235463R2300



1SNC165027S0201



Solution series, terminal blocks

Ring lug technology



Overview 92

Feed-through

6 mm ² / 8 AWG	M6/9.EE	93
	M6/12.FF	94
	M6/13.FF	95

Feed-through

16 mm ²	165LTTM5TM5	97
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Test disconnect

6 mm ²	131ETTM4TM4	With a screwdriver sliding link	98
16 mm ²	165ETTM5TM5	With a screwdriver sliding link	99
	165ETTM5TM5-2	With a screwdriver sliding link and test	100

Solution series, terminal blocks

Ring lug technology



Feed-through

5

Section

IEC *UL/CSA*
6 mm² **8 AWG**



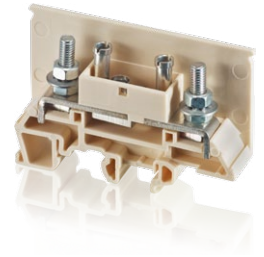
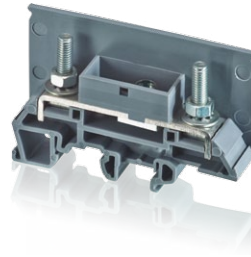
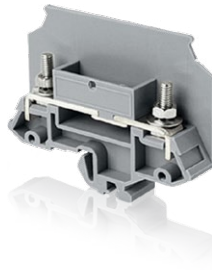
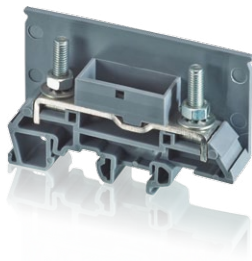
M6/9.EE
9.5 mm 0.374 in



M6/12.FF
12.5 mm 0.492 in



M6/13.FF
13 mm 0.512 in



Feed-through

Test disconnect

Section

IEC *UL/CSA*
6 mm²
16 mm²



165LTTM5TM5
16 mm 0.630 in



131ETTM4TM4
13 mm 0.512 in



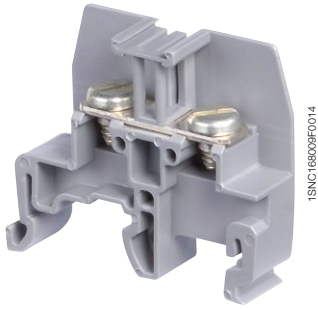
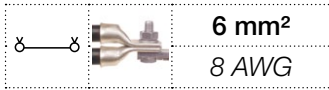
165ETTM5TM5-2
16 mm 0.630 in

165ETTM5TM5
16 mm 0.630 in

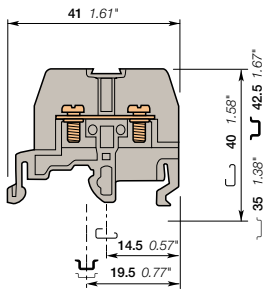
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

M6/9.EE ring lug terminal blocks

Feed-through - 9.5 mm 0.374 in spacing



M6/9.EE



9.5 mm 0.374 in spacing

Description

– Strap screw terminal block for ring lug connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 screws CL 6-32 NC - 2A DIA 3.5 mm 0.138 in for lug max width 8.5 mm 0.334 in and removable partition for jumpering	Grey <input type="checkbox"/>	M6/9.EE	1SNA115201R2500	50	7.00

Main technical data

	NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded Flexible Gauge	0.5-6 mm ²	22-8 AWG	max 10 AWG
Rated current		46 A	40 A	40 A
Rated cross section		6 mm ²	8 AWG	10 AWG
Rated voltage		750 V	600 V	600 V
Impulse withstand voltage		720 V		
Protection			NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Flat screwdriver 6.35 mm 0.250 in
Torque		0.8 - 1 N.m 7.1 - 8.9 lb.in
Wire stripping length		

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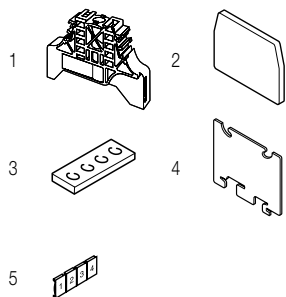


Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEM9	1SNA113067R1700	1	2.40	
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	BJS9.5-2	1SNA173815R1600	10	1.00
		3 poles	BJS9.5-3	1SNA173816R1700	10	1.60
		4 poles	BJS9.5-4	1SNA173817R1000	10	2.20
		5 poles	BJS9.5-5	1SNA173818R2100	10	2.70
		10 poles	BJS9.5-10	1SNA173819R2200	10	5.60
4 Circuit separators	White <input type="checkbox"/>	SCF9	1SNA103672R0100	20	2.00	
5 Terminal block markers	White <input type="checkbox"/>	RCT810	1SNA236500R0600	1	7.60	

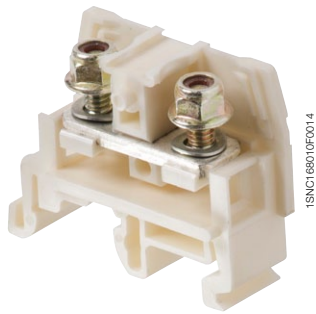
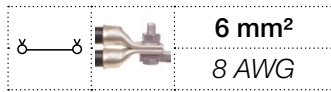
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

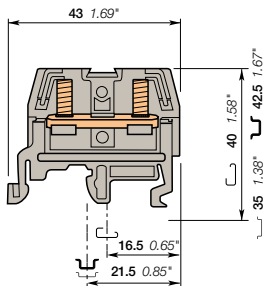


M6/12.FF ring lug terminal blocks

Feed-through - 12.5 mm 0.492 in spacing



M6/12.FF



12.5 mm 0.492 in spacing

Description

- Terminal block for high vibration environment,
- Stud connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	White <input type="checkbox"/>	M6/12.FF	1SNA115263R2200	50	20.00
	Grey <input type="checkbox"/>	M6/12.FF	1SNA115511R0300	50	13.00
	White <input type="checkbox"/>	M6/12.FF	1SNA115262R2100	50	13.00

Main technical data

	NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded Flexible Gauge	max 6 mm ²	8 AWG	18-10 AWG
Rated current	46 A		40 A	25 A
Rated cross section	6 mm ²		8 AWG	10 AWG
Rated voltage	750 V		600 V	600 V
Impulse withstand voltage	720 V			
Protection			NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		
Torque		1.8 N.m 15.65 lb.in
Wire stripping length		

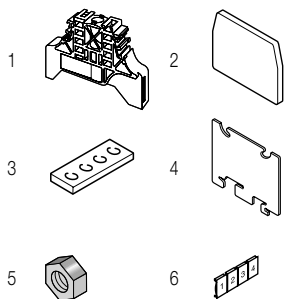
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RoHS:	USR:	CSA:	Gost R:
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEM12F	1SNA116713R1600	25	1.25	
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	1SNA174393R2000	10	1.70	
		3 poles	BJS12.5-3	1SNA174394R2100	10	2.70
		5 poles	BJS12.5-5	1SNA174395R2200	10	4.80
		10 poles	BJS12.5-10	1SNA174396R2300	10	9.90
4 Circuit separators	White <input type="checkbox"/>	SCF9	1SNA103672R0100	20	2.00	
5 Nuts		ECR-3	1SNA175263T0600	100	1.00	
6 Terminal block markers	White <input type="checkbox"/>	RCT810	1SNA236500R0600	1	7.60	

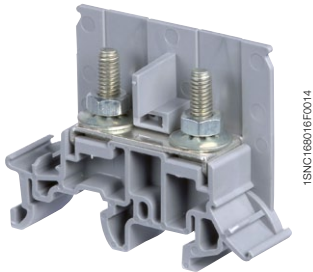
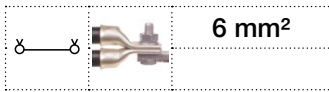
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



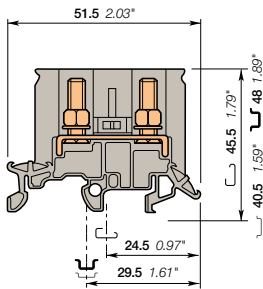
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M6/13.FF ring lug terminal blocks

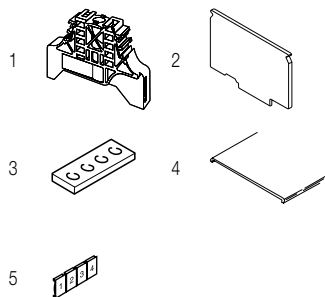
Feed-through - 13 mm 0.512 in spacing



M6/13.FF



13 mm 0.512 in spacing



Description

– Two stud terminal block for ring lug connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 studs M4 x 16 and removable partition for jumpering	Grey <input type="checkbox"/>	M6/13.FF	1SNA115626R1600	25	16.00

Main technical data

Lugs	Rigid - Solid / Stranded Flexible Gauge	NFC	DIN	UL	CSA
		max 6 mm ² max 6 mm ²			
Rated current		41 A			
Rated cross section		6 mm ²			
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection				NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H7 mm 0.275 in
Torque		1.2 - 2.5 N.m 10.6 - 21.8 lb.in
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	<input type="checkbox"/>	RoHS	<input type="checkbox"/>	PC	<input type="checkbox"/>	Gost R	<input type="checkbox"/>
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Accessories

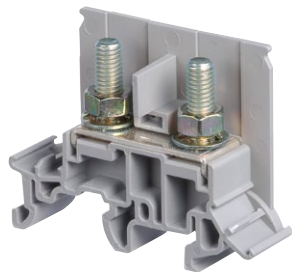
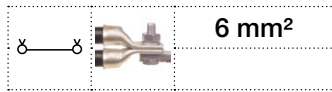
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM13F	1SNA116977R1700	25	1.40
3 Jumper bars		BJS13-10	1SNA167224R2700	10	10.00
4 Protecting covers		CPE43	1SNA280092R2500	2	
5 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M6/13.FF ring lug terminal blocks

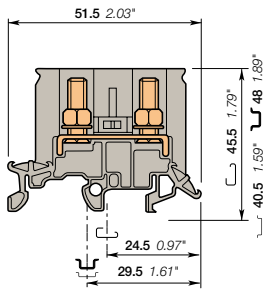
Feed-through - 13 mm 0.512 in spacing



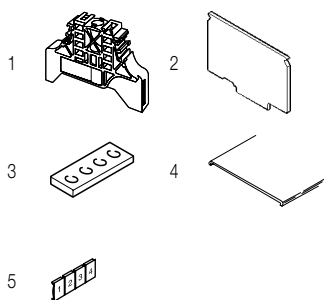
1SNC168015F0014

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M6/13.FF



13 mm 0.512 in spacing



Description

– Two stud terminal block for ring lug connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 studs M5 x 16 and removable partition for jumpering	Grey <input type="checkbox"/>	M6/13.FF.1	1SNA115627R1700	25	16.00

Main technical data

		NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded	max 6 mm²			
	Flexible Gauge	max 6 mm²			
Rated current		41 A			
Rated cross section		6 mm²			
Rated voltage		630 V			
Impulse withstand voltage		8000 V			
Protection				NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Wrench H8 mm 0.310 in
Torque		2 - 4 N.m 17.7 - 35.4 lb.in
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>	RoHS		Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM13F	1SNA116977R1700	25	1.40
3 Jumper bars		BJS13-10	1SNA167224R2700	10	10.00
4 Protecting covers		CPE43	1SNA280092R2500	2	
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

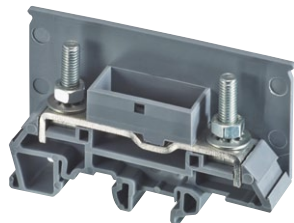
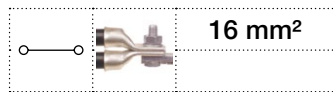
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

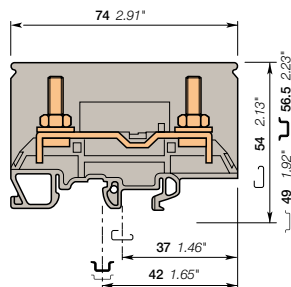
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

165LTTM5TM5 ring lug terminal blocks

Feed-through - 16 mm 0.630 in spacing



165LTTM5TM5



16 mm 0.630 in spacing

Description

- Two stud terminal block for ring lug connection,
- Profile aligned with disconnect terminal blocks type 165ETTM5TM5.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 studs M5 x 16 and partition	Grey <input type="checkbox"/>	165LTTM5TM5	1SNA216110R2200	25	40.00

Main technical data

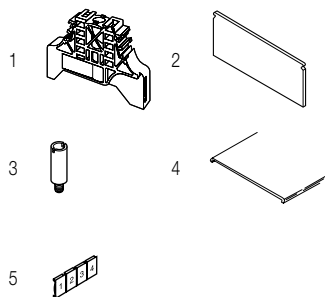
		NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded	16 mm ²			
	Flexible	16 mm ²			
	Gauge				
Rated current		76 A			
Rated cross section		16 mm ²			
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP00		NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench
Tool		H8 mm
Torque		0.310 in 2 - 4 N.m 17.7 - 35.4 lb.in
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS		Gost R							
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Accessories

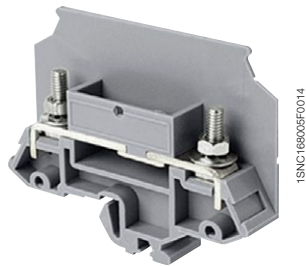
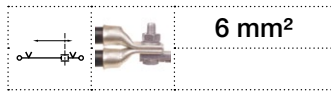
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEET80	1SNA216114R1200	10	7.20
3 Test sockets		AL4-M3-R1	1SNA206722R0200	50	1.62
4 Protecting covers		CPE80	1SNA280093R2600	1	103.00
5 Terminal block markers		REH3	1SNA163155R2600	1	20.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

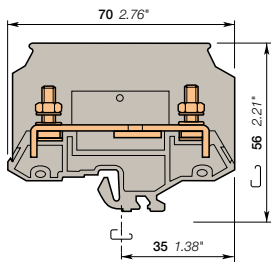
131ETTM4TM4 ring lug terminal blocks

Test disconnect with a screwdriver sliding link - 13 mm 0.512 in spacing

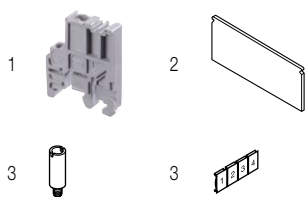


5

131ETTM4TM4



13 mm 0.512 in spacing



Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Two stud terminal block for ring lug connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 studs M4 x 14 and partition	Grey <input type="checkbox"/>	131ETTM4TM4	1SNA111028R1600	25	20.00

Main technical data

Lugs		NFC	DIN	UL	CSA
Rigid - Solid / Stranded		6 mm ²			
Flexible		6 mm ²			
Gauge					
Rated current		47 A			
Rated cross section		6 mm ²			
Rated voltage		750 V			
Impulse withstand voltage		720 V			
Protection				NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H7 mm 0.275 in
Tool		1.2 - 2.5 N.m 10.6 - 21.8 lb.in
Torque		
Disconnect device		Flat screwdriver Ø 4 mm Ø 0.157 in
Tool		0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Torque		
Wire stripping length		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>					
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 9.1 mm 0.358 in	Grey <input type="checkbox"/>	BAMH	1SNA114836R0000	50	13.00
2 End sections 1.5 mm 0.059 in	Grey <input type="checkbox"/>	FEET60	1SNA117755R2100	10	5.00
3 Test sockets DIA 4 mm 0.157 in		AL4-M3-R1	1SNA206722R0200	50	1.62
4 Terminal block markers Blank card		REH3	1SNA163155R2600	1	20.00

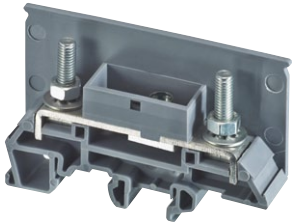
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

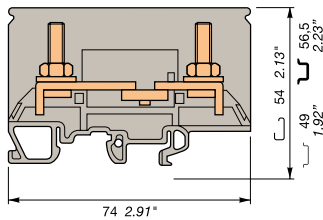
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

165ETTM5TM5 ring lug terminal blocks

Test disconnect with a screwdriver sliding link - 16 mm 0.630 in spacing



165ETTM5TM5



16 mm 0.630 in spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver.
- Two stud terminal block for ring lug connection.
- Profile aligned with terminal blocks type 165LTTM5TM5

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 studs M5 x 18 fitted with 1 nut + 1 lock washer	Grey	165ETTM5TM5	1SNA216112R1000	25	22.00

Main technical data

		UL	CSA	Mounting instructions	
Lugs	Rigid - Solid / Stranded Flexible Gauge	16 mm ² 16 mm ²		Rail	G32, TH 35-7.5, TH 35-15
Rated current	76 A			Lugs	Wrench
Rated cross section	16 mm ²			Tool	H8 mm 0.310 in
Rated voltage	800 V			Torque	2 - 4 N.m 17.7 - 35.4 lb.in
Impulse withstand voltage	8000 V			Disconnect device	Flat screwdriver
Protection	IP00	NEMA		Tool	Ø 4 mm Ø 0.157 in
				Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
				Wire stripping length	

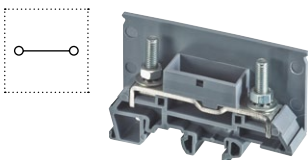
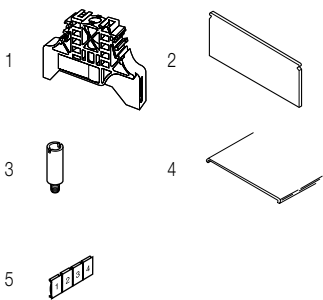
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	PC	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEET80	1SNA216114R1200	10	7.20
3 Test sockets		AL4-M3-R1	1SNA206722R0200	50	1.62
4 Protecting covers		CPE80	1SNA280093R2600	1	103.00
5 Terminal block markers		REH3	1SNA163155R2600	1	20.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



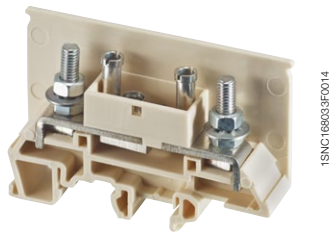
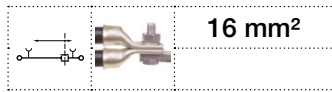
Feed-through wire lug terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	165LTTM5TM5	1SNA216110R2200	25	40.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

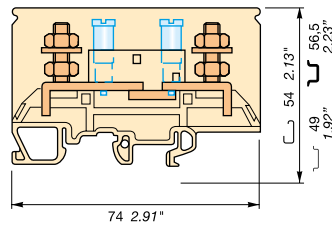
165ETTM5TM5 ring lug terminal blocks

Test disconnect with a screwdriver sliding link - 16 mm 0.630 in spacing



165ETTM5TM5

5



16 mm 0.630 in spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm 0.157 in test plugs,
- Two stud terminal block for ring lug connection,
- Profile aligned with terminal blocks type 165LTMM5TM5.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 studs M5 x 18 fitted with 2 nuts + 1 washer, with test sockets DIA 4 mm 0.157 in	Beige <input type="checkbox"/>	165ETTM5TM5-2	1SNA296117R1600	25	51.00

Main technical data

		NFC	DIN	UL	CSA
Lugs	Rigid - Solid / Stranded	16 mm²			
	Flexible	16 mm²			
	Gauge				
Rated current		76 A			
Rated cross section		16 mm²			
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP00		NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Wrench H8 mm 0.310 in
Tool		2 - 4 N.m 17.7 - 35.4 lb.in
Torque		2 - 4 N.m 17.7 - 35.4 lb.in
Disconnect device		Flat screwdriver Ø 4 mm 0.157 in
Tool		Ø 4 mm 0.157 in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Wire stripping length		

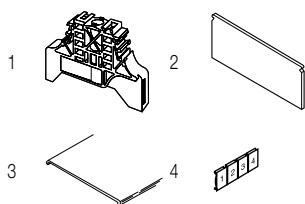
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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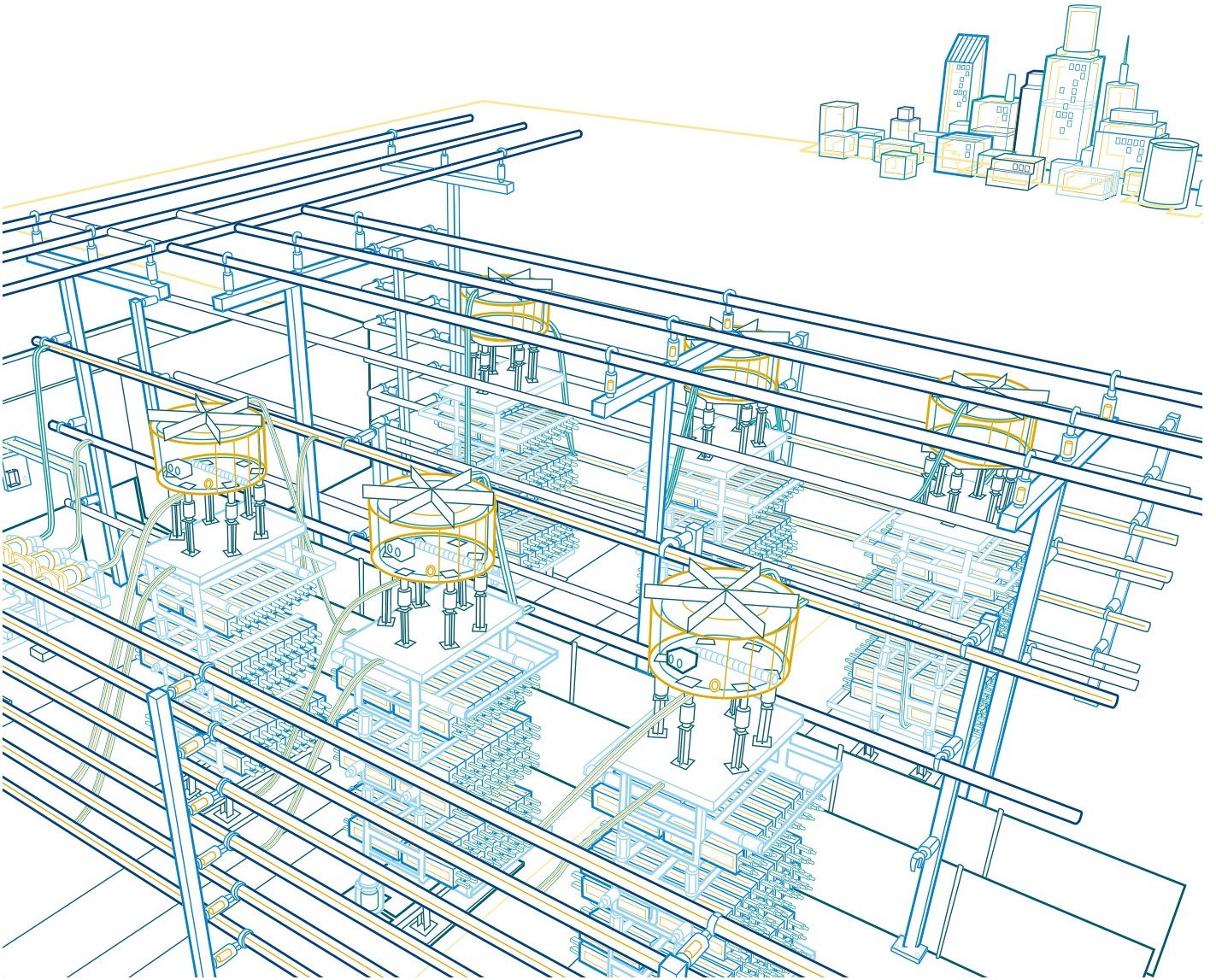
Accessories

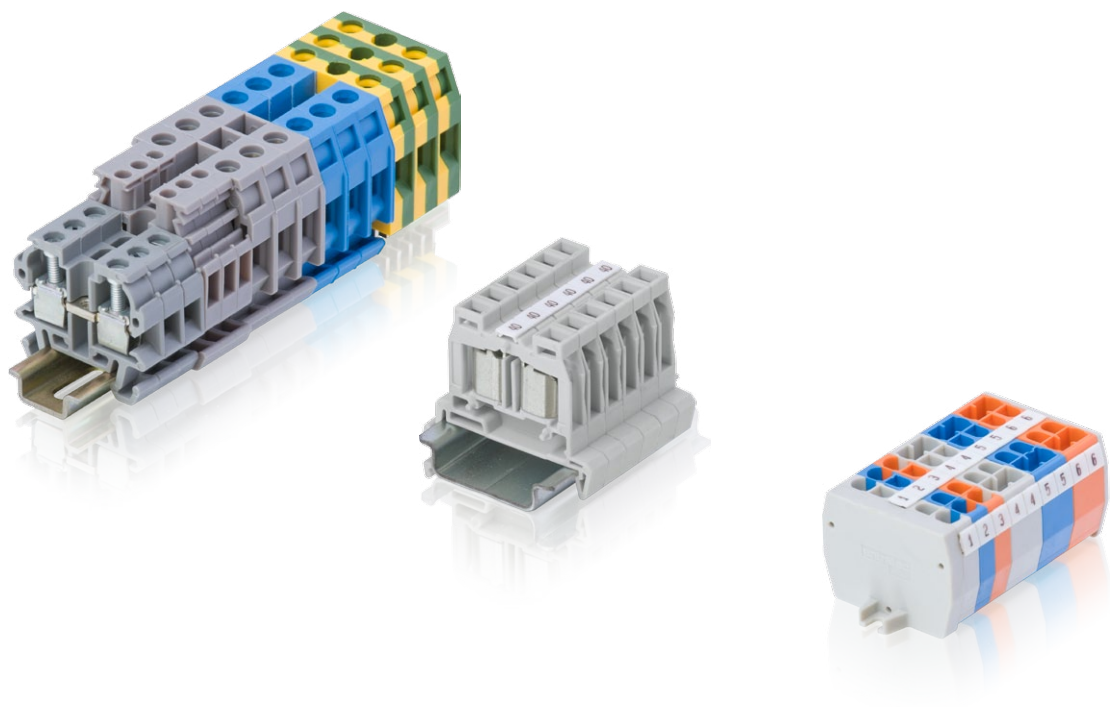
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Beige <input type="checkbox"/>	FEET80	1SNA296114R1300	10	7.20
3 Protecting covers		CPE80	1SNA280093R2600	1	103.00
4 Terminal block markers		REH3	1SNA163155R2600	1	20.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.





Solution series, terminal blocks

Miniblocks



Overview 104

Screw clamp technology

Rail TH 35			
Feed-through	4 mm ² / 10-12 AWG	MS4/6	106
	6 mm ² / 8 AWG	MS6/8	107
Rail TH 15			
Feed-through	1.5 mm ² / 12 AWG	DR1.5/4	108
		DR1.5/5	109
	4 mm ² / 10-12 AWG	DR4/6	111
Ground	4 mm ² / 10-12 AWG	DR4/6.P	113
Disconnect	2.5 mm ² / 12 AWG	DR2.5/5.S	114
Fuse	4 mm ² / 12 AWG	DR4/8.SF	115

Spring clamp technology

Rail TH 35			
Feed-through	2.5 mm ² / 12 AWG	DS2.5/5.2L	2 connections 116
		DS2.5/10.4L	4 connections 117
Rail TH 15			
Feed-through	2.5 mm ² / 12 AWG	DR2.5/5.2L	2 connections 118
		DR2.5/10.4L	4 connections 119
Ground	2.5 mm ² / 12 AWG	DR2.5/10.P.4L	4 connections 120
Base mounting			
Feed-through	2.5 mm ² / 12 AWG	DB2.5/5.2L	2 connections with flanges mounting 121
		DH2.5/5.2L	2 connections with snap in foot 122

ADO / screw clamp technology

Rail TH 35			
Feed-through	1 mm ² / 18 AWG	DS2.5/5.ADO & DSE2.5/5.ADO	123
	1.5 mm ² / 16 AWG	DS4/6.ADO & DSE4/6.ADO	124
	2.5 mm ² / 14 AWG	DS4/8.ADO & DSE4/8.ADO	125
Ground	2.5 mm ² / 14 AWG	DS4/8.P.ADO	126
Rail TH 15			
Feed-through	1 mm ² / 18 AWG	DR2.5/5.ADO & DRE2.5/5.ADO	127
	1.5 mm ² / 16 AWG	DR4/6.ADO & DRE4/6.ADO	128
	2.5 mm ² / 14 AWG	DR4/8.ADO & DRE4/8.ADO	129
Ground	2.5 mm ² / 14 AWG	DR4/8.P.ADO	130
Base mounting			
Feed-through	1 mm ² / 18 AWG	DB2.5/5.ADO	With flanges mounting 131
	1.5 mm ² / 16 AWG	DB4/6.ADO	With flanges mounting 132
	2.5 mm ² / 14 AWG	DB4/8.ADO	With flanges mounting 133
	1.5 mm ² / 16 AWG	DH4/6.ADO	With snap in foot 134

ADO / ADO technology

Rail TH 35			
Feed-through	1.5 mm ² / 16 AWG	DS1.5/6.ADO & DSE1.5/6.ADO	135
	2.5 mm ² / 14 AWG	DS2.5/8.ADO & DSE2.5/8.ADO	136
Ground	2.5 mm ² / 14 AWG	DS2.5/8.P.ADO	137
Rail TH 15			
Feed-through	1 mm ² / 18 AWG	DR1/5.ADO & DRE1/5.ADO	138
	1.5 mm ² / 16 AWG	DR1.5/6.ADO & DRE1.5/6.ADO	139
	2.5 mm ² / 14 AWG	DR2.5/8.ADO & DRE2.5/8.ADO	140
Ground	2.5 mm ² / 14 AWG	DR2.5/8.P.ADO	141
Base mounting			
Feed-through	1.5 mm ² / 16 AWG	DB1.5/6.ADO	With flanges mounting 142
	2.5 mm ² / 14 AWG	DB2.5/8.ADO	With flanges mounting 143
	1.5 mm ² / 16 AWG	DH1.5/6.ADO	With snap in foot 144

Solution series, terminal blocks

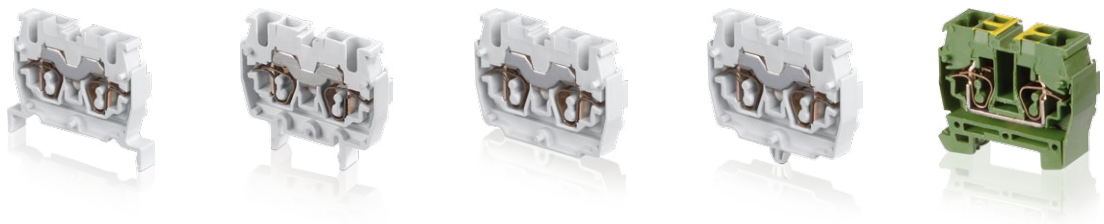
Miniblocks

Screw clamp technology



Section		Feed-through	Ground	Disconnect	Fuse
IEC	UL/CSA				
1.5 mm ²	12 AWG		DR1.5/4 4 mm 0.157 in		
1.5 mm ²	12 AWG		DR1.5/5 5 mm 0.197 in		
2.5 mm ²	12 AWG			DR2.5/5 S 5.08 mm 0.200 in	
4 mm ²	10-12 AWG	MS4/6 6 mm 0.236 in	DR4/6 6 mm 0.236 in	DR4/6.P 6 mm 0.236 in	DR4/8.SF 8 mm 0.315 in
6 mm ²	8 AWG	MS6/8 8 mm 0.315 in			
Rail / mounting		TH 35	TH 15	TH 15	TH 15

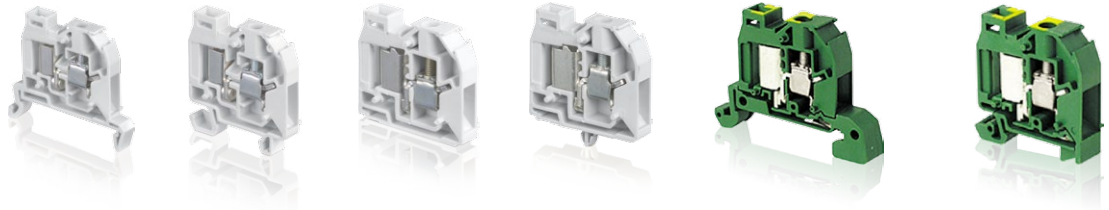
Spring clamp technology



Section		Feed-through				Ground
IEC	UL/CSA					
2.5 mm ²	12 AWG	DS2.5/5.2L 5 mm 0.197 in	DR2.5/5.2L 5 mm 0.197 in	DB2.5/5.2L 5 mm 0.197 in	DH2.5/5.2L 5 mm 0.197 in	
2.5 mm ²	12 AWG	DS2.5/10.4L 10 mm 0.394 in	DR2.5/10.4L 10 mm 0.394 in			DR2.5/10.P.4L 10 mm 0.394 in
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 15



All the technical data for UL/CSA standard and dimensions in inches are in italic.

ADO / screw clamp technology



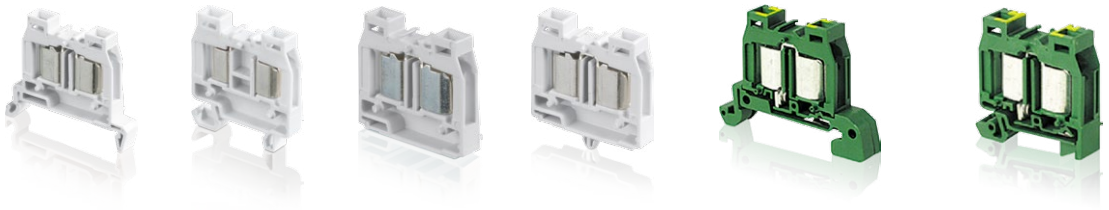
Feed-through

Ground

Section							
IEC	UL/CSA						
1 mm ²	18 AWG	DS2.5/5.ADO <i>5 mm 0.197 in</i>	DR2.5/5.ADO <i>5 mm 0.197 in</i>	DB2.5/5.ADO <i>5 mm 0.197 in</i>			
1.5 mm ²	16 AWG	DS4/6.ADO <i>6 mm 0.236 in</i>	DR4/6.ADO <i>6 mm 0.236 in</i>	DB4/6.ADO <i>6 mm 0.236 in</i>	DH4/6.ADO <i>6 mm 0.236 in</i>		
2.5 mm ²	14 AWG	DS4/8.ADO <i>8 mm 0.315 in</i>	DR4/8.ADO <i>8 mm 0.315 in</i>	DB4/8.ADO <i>8 mm 0.315 in</i>		DS4/8.P.ADO <i>8 mm 0.315 in</i>	DR4/8.P.ADO <i>8 mm 0.315 in</i>
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 35	TH 15



6

ADO / ADO technology



Feed-through

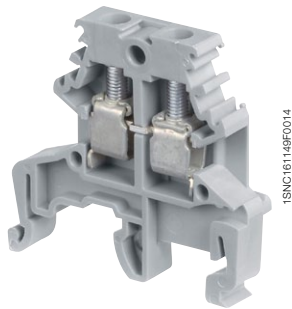
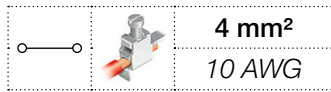
Ground

Section							
IEC	UL/CSA						
1 mm ²	18 AWG		DR1/5.ADO <i>5 mm 0.197 in</i>				
1.5 mm ²	16 AWG	DS1.5/6.ADO <i>6 mm 0.236 in</i>	DR1.5/6.ADO <i>6 mm 0.236 in</i>	DB1.5/6.ADO <i>6 mm 0.236 in</i>	DH1.5/6.ADO <i>6 mm 0.236 in</i>		
2.5 mm ²	14 AWG	DS2.5/8.ADO <i>8 mm 0.315 in</i>	DR2.5/8.ADO <i>8 mm 0.315 in</i>	DB2.5/8.ADO <i>8 mm 0.315 in</i>		DS2.5/8.P.ADO <i>8 mm 0.315 in</i>	DR2.5/8.P.ADO <i>8 mm 0.315 in</i>
Rail / mounting		TH 35	TH 15	BASE	BASE	TH 35	TH 15

All the technical data for UL/CSA standard and dimensions in inches are in italic.

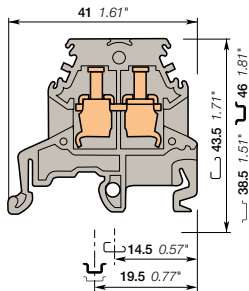
MS4/6 screw clamp terminal blocks

Miniblocks - 6 mm 0.236 in spacing



MS4/6

1SNC161149F0014



6 mm 0.236 in spacing

Description

- Save space with compact over-all dimensions terminal block,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through	Grey	MS4/6	1SNA115265R2400	100	6.00
	Blue	MS4/6.N	1SNA125265R2600	100	6.00
	Yellow	MS4/6	1SNA105265R0300	100	6.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ² A4	22-10 AWG 22-12 AWG
Rated current / Rated cross section	32 A / 4 mm ²	30 A / 10 AWG	25 A / 12 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	630 V	600 V	300 V
Impulse withstand voltage	4000 V		
Protection	IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm 0.39 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 Nm 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
CE	RoHS	UL	CSA	Gost R

Accessories

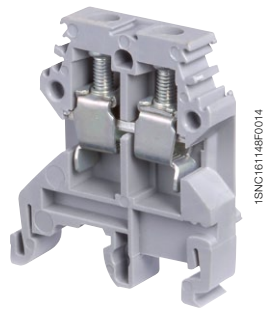
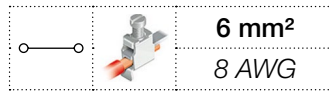
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey	FEMS6	1SNA113885R0100	20	1.80	
3 Lateral jumper bars	Grey	2 poles	PC6-2	1SNA113546R1400	10	2.00
		3 poles	PC6-3	1SNA116536R0500	10	2.00
		4 poles	PC6-4	1SNA116537R0600	10	1.00
		10 poles	PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips		EIP	1SNA113550R2400	10		
5 Circuit separators	Grey	SCFEX3	1SNA103620R0100	10	30.00	
		SCFCV1-2	1SNA116795R1100	10	8.00	
6 Test adapters	Yellow	DCJ	1SNA173059R0300	10	2.40	
7 Test plugs	Black	FC2	1SNA007865R2600	100		
8 Protecting covers	Transparent	CPV1-2	1SNA176816R1200	1		
9 Terminal block markers	White	RC610	1SNA233000R0100	1	7.50	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

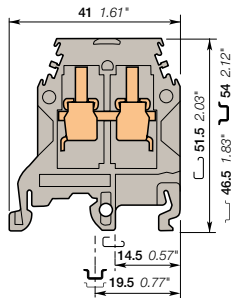
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

MS6/8 screw clamp terminal blocks

Miniblocks - 8 mm 0.315 in spacing



MS6/8



8 mm 0.315 in spacing

Description

- Save space with compact over-all dimensions terminal block,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through	Grey <input type="checkbox"/>	MS6/8	1SNA115278R0100	50	12.00
	Blue <input type="checkbox"/>	MS6/8.N	1SNA125278R0300	50	12.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²	22-8 AWG	20-8 AWG
	Flexible with insulated ferrule	0.5-6 mm ²		
	Gauge	A5		
Rated current / Rated cross section		41 A / 6 mm ²	50 A / 8 AWG	40 A / 8 AWG
Rated short-time withstand current (1s)		720 A		
Rated voltage		500 V	300 V	300 V
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

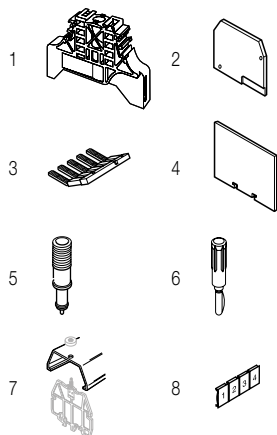
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm 0.47 in
Tool		Flat screwdriver Ø 4 - 5 mm Ø 0.157 - 0.197 in
Torque		0.8 - 1 Nm 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R

Accessories



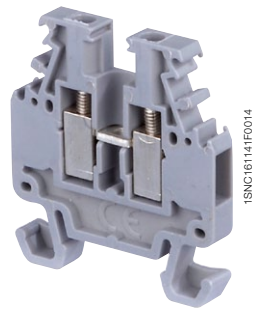
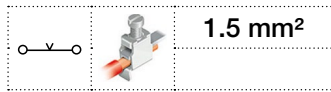
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEMS8	1SNA114195R0600	25	1.90	
3 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles	PC8-2	1SNA116538R1700	10	3.00
		3 poles	PC8-3	1SNA116539R1000	10	4.00
		4 poles	PC8-4	1SNA116540R2500	10	6.00
		10 poles	PC8-10	1SNA163313R2400	10	14.00
4 Circuit separators	Grey <input type="checkbox"/>	2.4 mm	SCFEX3	1SNA103620R0100	10	30.00
		3 mm	SCFCV1-2	1SNA116795R1100	10	8.00
5 Test adapters	Orange <input type="checkbox"/>	DCO	1SNA173060R0000	10	2.30	
6 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100		
7 Protecting covers	Transparent <input type="checkbox"/>	CPV1-2	1SNA176816R1200	1		
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

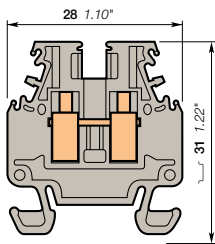
DR1.5/4 screw clamp terminal blocks

Miniblocks - 4 mm 0.157 in spacing

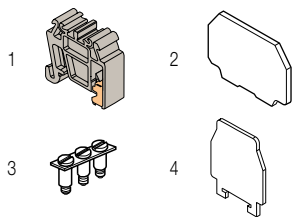


DR1.5/4

6



4 mm 0.157 in spacing



Description

Save space with compact over-all dimensions terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through	Grey <input type="checkbox"/>	DR1.5/4	1SNA110106R2500	50	3.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-1.5 mm ²			Rail	TH 15-5.5
	Flexible with insulated ferrule	0.22-1.5 mm ²			Wire stripping length	7 mm 0.275 in
	Gauge	A1			Tool	Flat screwdriver Ø 2.5 mm Ø 0.98 in
Rated current / Rated cross section		17.5 A / 1.5 mm ²			Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		180 A				
Rated voltage		500 V				
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R							
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FED2-4	1SNA215580R2100	25	1.40
3 Jumper bars 2 poles 17.5 A		BJM4	1SNA205735R0600	10	1.00
			1SNA205736R0700	10	2.00
			1SNA205737R0000	10	3.00
			1SNA205738R1100	10	6.00
4 Circuit separators 0.3 mm 0.012 in	White <input type="checkbox"/>	SCDR61	1SNA173016R1000	25	0.40
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC410	1SNA229000R1500	1	5.16

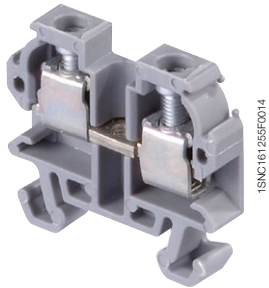
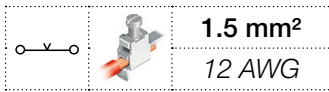
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

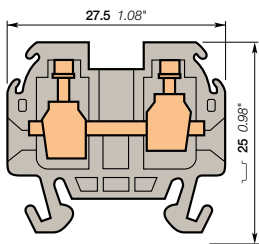
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DR1.5/5 screw clamp terminal blocks

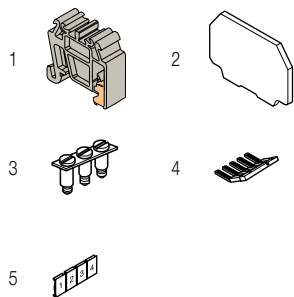
Miniblocks - 5 mm 0.197 in spacing



DR1.5/5



5 mm 0.197 in spacing



Description

Save space with compact over-all dimensions terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through	Grey <input type="checkbox"/>	DR1.5/5	1SNA115510R1600	100	5.00

Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-2.5 mm ² 0.22-1.5 mm ²	28 - 12 AWG	28 - 14 AWG	Rail TH 15-5.5
Rated current / Rated cross section	20 A / 1.5 mm ²	20 A / 12 AWG	20 A / 14 AWG	Wire stripping length	8.5 mm 0.335 in
Rated short-time withstand current (1s)	180 A			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated voltage	250 V	300 V	300 V	Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Impulse withstand voltage					
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

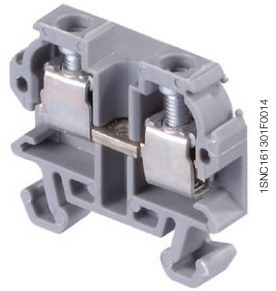
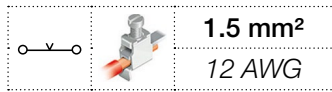
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEDR5	1SNA117318R2300	25	0.80
3 Jumper bars 2 poles 24 A		BJM5DR	1SNA176704R0200	10	2.00
3 poles			1SNA176705R0300	10	3.00
4 poles			1SNA176706R0400	10	4.00
10 poles			1SNA176708R1600	10	12.00
4 Lateral jumper bars 10 poles 25 A		PC51-10	1SNA167908R0600	10	5.00
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

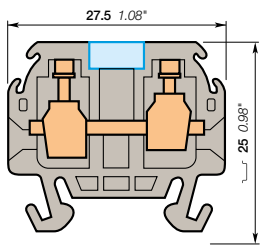
DR1.5/5 screw clamp terminal blocks

Miniblocks - 5 mm 0.197 in spacing

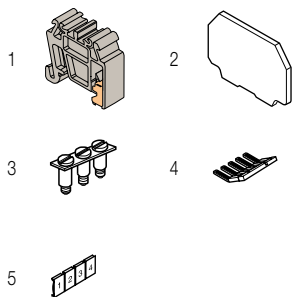


DR1.5/5

6



5 mm 0.197 in spacing



Description

Save space with compact over-all dimensions terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through with partition	Grey <input type="checkbox"/>	DR1.5/5.1	1SNA112086R0200	100	5.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-2.5 mm ² 0.22-1.5 mm ²	28-14 AWG
Rated current / Rated cross section	20 A / 1.5 mm ²		20 A / 14 AWG
Rated short-time withstand current (1s)	180 A		
Rated voltage	250 V		300 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

Mounting instructions

Rail		TH 15-5.5
Wire stripping length		8.5 mm 0.335 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm	Grey <input type="checkbox"/>	FEDR5	1SNA117318R2300	25	0.80
3 Jumper bars 2 poles 24 A		BJM15DR	1SNA176704R0200	10	2.00
3 poles			1SNA176705R0300	10	3.00
4 poles			1SNA176706R0400	10	4.00
10 poles			1SNA176708R1600	10	12.00
20 poles		BJS5-20	1SNA177652R0600	10	4.00
4 Lateral jumper bars 10 poles 25 A		PC51-10	1SNA167908R0600	10	5.00
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

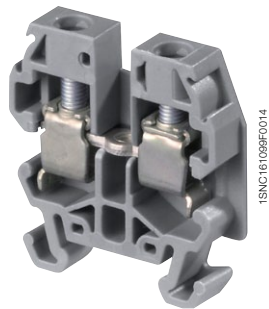
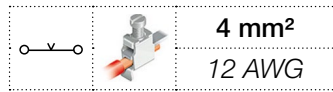
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

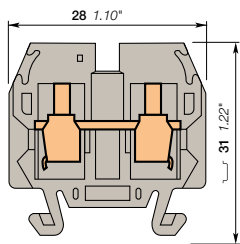
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

DR4/6 screw clamp terminal blocks

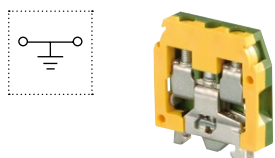
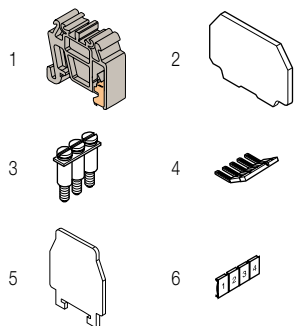
Miniblocks - 6 mm 0.236 in spacing



DR4/6



6 mm 0.236 in spacing



Description

Save space with compact over-all dimensions terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through	Grey <input type="checkbox"/>	DR4/6	1SNA110251R0500	50	6.00
	Blue <input type="checkbox"/>	DR4/6.N	1SNA120251R0700	50	6.00

Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ²	22 - 12 AWG	28-10 AWG	Rail: TH 15-5.5 Wire stripping length: 9.5 mm (0.37 in) Tool: Flat screwdriver Ø 4 mm (Ø 0.157 in) Torque: 0.5 - 0.8 Nm (4.4 - 7.1 lb.in)
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG	25 A / 10 AWG		
Rated short-time withstand current (1s)	480 A				
Rated voltage	500 V	250 V	600 V		
Impulse withstand voltage					
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UR	cCSAus	Gost R					
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEDR61	1SNA117600R0300	25	0.80
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
			1SNA173218R0700	10	3.00
			1SNA173219R0000	10	4.00
			1SNA173226R2700	10	10.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Circuit separators 0.3 mm 0.012 in	White <input type="checkbox"/>	SCDR61	1SNA173016R1000	25	0.40
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

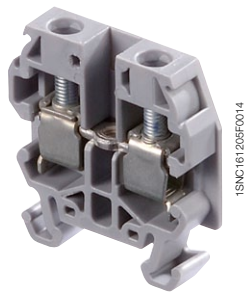
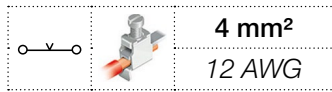
Ground screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR4/6...	Green-yellow <input type="checkbox"/>	DR4/6.P	1SNA160496R2600	50	10.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

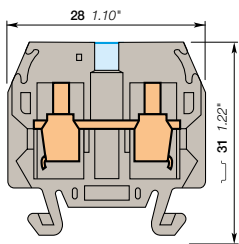
DR4/6.1 screw clamp terminal blocks

Miniblocks - 6 mm 0.236 in spacing

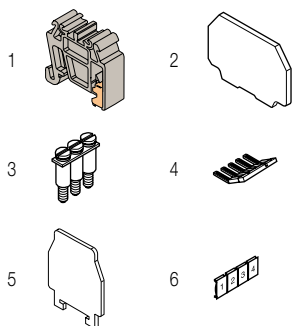


DR4/6.1

6



6 mm 0.236 in spacing



Description

Save space with compact over-all dimensions terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Feed-through with partition	Grey <input type="checkbox"/>	DR4/6.1	1SNA110491R1700	50	6.00
Feed-through	Blue <input type="checkbox"/>	DR4/6.1.N	1SNA120491R1100	50	6.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ²	28-10 AWG
Rated current / Rated cross section	30 A / 4 mm ²		25 A / 10 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	500 V		600 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

Mounting instructions

	Rail	TH 15-5.5
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 Nm 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEDR61	1SNA117600R0300	25	0.80
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
3 poles			1SNA173218R0700	10	3.00
4 poles			1SNA173219R0000	10	4.00
10 poles			1SNA173226R2700	10	10.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Circuit separators 0.3 mm 0.012 in	White <input type="checkbox"/>	SCDR61	1SNA173016R1000	25	0.40
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



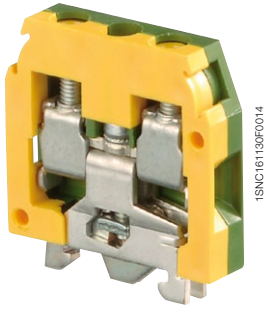
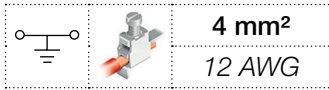
Ground screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR4/6...	Green-yellow <input type="checkbox"/>	DR4/6.P	1SNA160496R2600	50	10.00

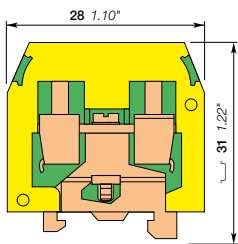
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR4/6.P screw clamp terminal blocks

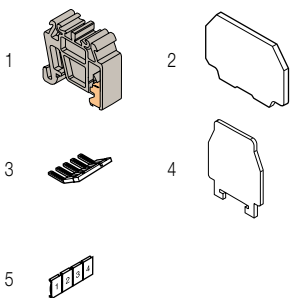
Miniblocks - 6 mm 0.236 in spacing



DR4/6.P



6 mm 0.236 in spacing



Description

- Save space with compact over-all dimensions terminal block,
- For DIN 2 rail,
- Reliable electrical and mechanical contact with the rail.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	DR4/6.P	1SNA160496R2600	50	10.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-12 AWG	28-10 AWG	Rail	TH 15-5.5
	Flexible with insulated ferrule	0.22-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Gauge				Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		4 mm ²	12 AWG	10 AWG	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		480 A				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when apply) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UR	cSAus	Gost R															

Accessories

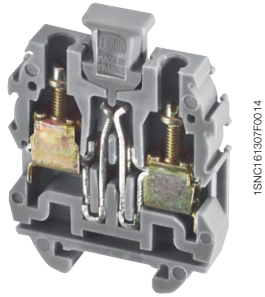
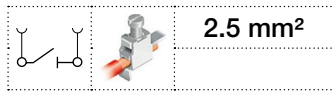
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEDR61	1SNA117600R0300	25	0.80
3 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
4 Circuit separators 0.3 mm 0.012 in	White <input type="checkbox"/>	SCDR61	1SNA173016R1000	25	0.40
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

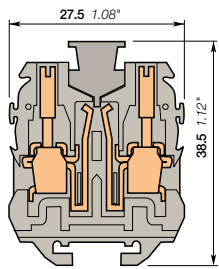
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR2.5/5.S screw clamp terminal blocks

Miniblocks - 5.08 mm 0.200 in spacing



DR2.5/5.S



5.08 mm 0.200 in spacing

Description

- Save space with compact over-all dimensions terminal block,
- Ease your disconnect operations with the disconnect plug.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	DR2.5/5.S1	1SNA112098R1600	100	6.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²			Rail	TH 15-5.5
	Flexible with insulated ferrule	0.5-2.5 mm ²			Wire stripping length	8.5 mm 0.335 in
	Gauge				Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
					Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated current / Rated cross section		3 A / 2.5 mm ²				
Rated short-time withstand current (1s)		300 A				
Rated voltage		380 V				
Impulse withstand voltage						
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

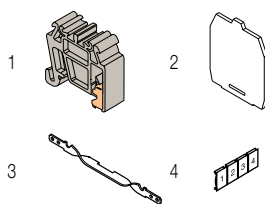
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEDR51	1SNA117668R0200	25	1.00
3 Shield connectors		CBD5	1SNA167674R0200	25	
4 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

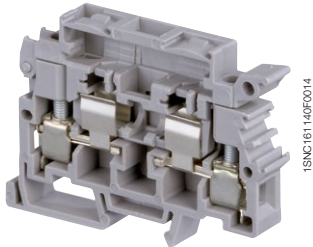
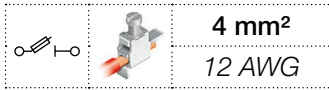
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



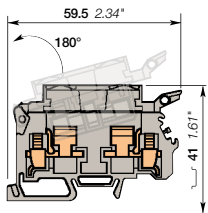
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR4/8.SF screw clamp terminal blocks

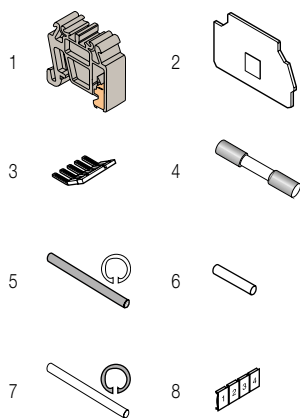
Miniblocks - 8 mm 0.315 in spacing



DR4/8.SF



8 mm 0.315 in spacing



Description

- Save space with compact over-all dimensions terminal block,
- Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Miniblocks Fuse	Grey <input type="checkbox"/>	DR4/8.SF	1SNA110368R1200	50	14.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp		Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5-4 mm ² 0.5-4 mm ² A4		18 - 12 AWG	
Rated current / Rated cross section		6.3 A / 4 mm ²		6.3 A / 12 AWG		
Rated short-time withstand current (1s)		480 A				
Rated voltage		630 V		300 V		
Impulse withstand voltage		8000 V				
Protection		IP20		NEMA 1		
				Rail		TH 15-5.5
				Wire stripping length		9.5 mm 0.37 in
				Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
				Torque		0.5 - 0.8 Nm 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

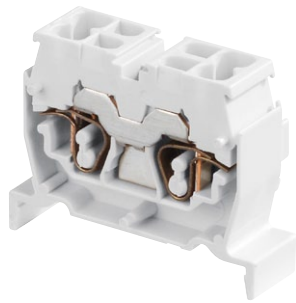
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey <input type="checkbox"/>	FEM8S	1SNA116951R1500	20	2.60
3 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
4 Fuses		FU520	1SNA008288R1500	10	
			1SNA008289R1600	10	
			1SNA008290R1300	10	
			1SNA008291R0000	10	
			1SNA008292R0100	10	
5 Assembly rods		TGA8	1SNA168672R1100	10	1.00
			1SNA168673R1200	10	
			1SNA168674R1300	10	
6 Neutral cartridges		CN5	1SNA179371R1600	10	3.90
7 Spring retaining rings		ANT	1SNA168675R1400	10	
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

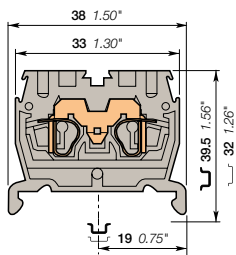
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DS2.5/10.4L spring terminal blocks

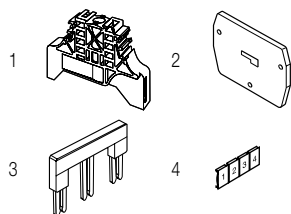
Miniblocks - 10 mm 0.394 in spacing



DS2.5/10.4L



10 mm 0.394 in spacing



Description

- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH35,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	DS2.5/10.4L	1SNA290231R0600	100	6.00
	Blue <input type="checkbox"/>	DS2.5/10.N.4L	1SNA290233R0000	100	6.00

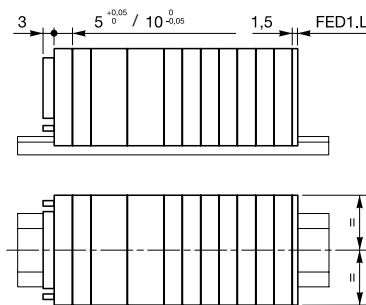
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm ²	26-12 AWG		Rail	TH 35-7.5, TH 35-15
	Flexible	0.12-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
	with non insulated ferrule				Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.5-1.5 mm ²				
Gauge	A2					
Rated current / Rated cross section		24 A / 2.5 mm ²	15 A / 12 AWG			
Rated short-time withstand current (1s)		300 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	UL	CSA	CSA				
RoHS	USR CNR	Gest R							

Notes



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End sections	Grey <input type="checkbox"/>	FED1.L	1SNA291301R0200	20	1.40
		FED2.L	1SNA291311R2300	20	1.90
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA291322R2600	50	1.00
		3 poles	1SNA291323R2700	50	1.00
		4 poles	1SNA291324R2000	20	2.00
		5 poles	1SNA291325R2100	20	2.00
4 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR2.5/5.2L spring terminal blocks

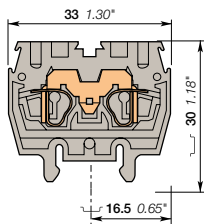
Miniblocks - 5 mm 0.197 in spacing



1SNC16203R0014

DR2.5/5.2L

6



5 mm 0.197 in spacing

Description

- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

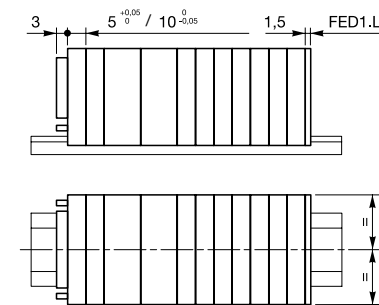
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey <input type="checkbox"/>	DR2.5/5.2L	1SNA290201R1100	100	4.00
	Blue <input type="checkbox"/>	DR2.5/5.N.2L	1SNA290203R1300	100	4.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.12-4 mm ² 0.12-2.5 mm ² 0.5-1.5 mm ² A2	26-12 AWG	Rail TH 15-5.5 Wire stripping length 9.5 mm / 0.37 in Tool Flat screwdriver Ø 3.5 mm / Ø 0.138 in
Rated current / Rated cross section	24 A / 2.5 mm ²	15 A / 12 AWG		
Rated short-time withstand current (1s)	300 A			
Rated voltage	800 V	600 V		
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS: RoHS	UL: USR CNR	Gost R:
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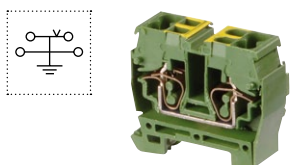
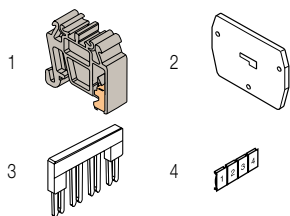


Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections 1.5 mm 0.059 in	Grey <input type="checkbox"/>	FED1.L	1SNA291301R0200	20	1.40
		FED2.L	1SNA291311R2300	20	1.90
3 Jumper bars 2 poles 24 A	Orange <input type="checkbox"/>	BJDL5-2	1SNA291102R2300	50	1.00
		BJDL5-3	1SNA291103R2400	50	0.70
		BJDL5-4	1SNA291104R2500	50	0.80
		BJDL5-5	1SNA291105R2600	20	0.90
		BJDL5-10	1SNA291110R2600	20	1.20
4 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR2.5/...L	Green-yellow <input type="checkbox"/>	DR2.5/10.P.4L	1SNA290219R1200	100	7.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

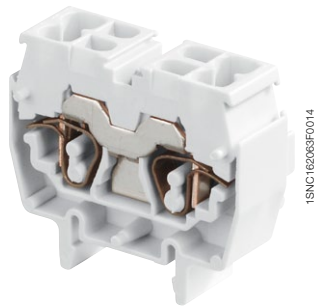
Technical data valid for copper conductors only.

DR2.5/10.4L spring terminal blocks

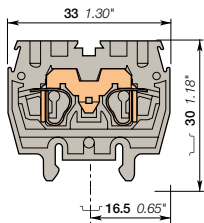
Miniblocks - 10 mm 0.394 in spacing



2.5 mm²
12 AWG



DR2.5/10.4L



10 mm 0.394 in spacing

Description

- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

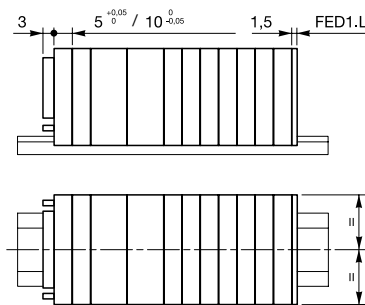
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	DR2.5/10.4L	1SNA290211R0200	100	6.00
	Blue <input type="checkbox"/>	DR2.5/10.N.4L	1SNA290213R0400	100	6.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm ²	26-12 AWG		Rail	TH 15-5.5
	Flexible with non insulated ferrule	0.12-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
	with insulated ferrule	0.5-1.5 mm ²				
	Gauge	A2			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm ²	15 A / 12 AWG			
Rated short-time withstand current (1s)		300 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

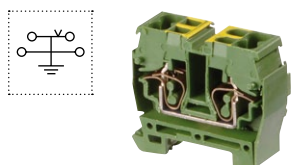
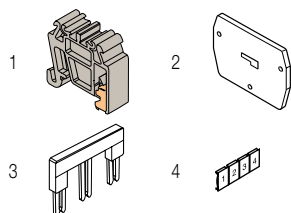
RoHS	UL	CSA	RoHS	UL	CSA	RoHS	UL	CSA
RoHS	UL	CSA	RoHS	UL	CSA	RoHS	UL	CSA



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey <input type="checkbox"/>	FED1.L	1SNA291301R0200	20	1.40
		FED2.L	1SNA291311R2300	20	1.90
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 24 A	BJDL10-2	50	1.00
		3 poles	BJDL10-3	50	1.00
		4 poles	BJDL10-4	20	2.00
		5 poles	BJDL10-5	20	2.00
		Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR2.5/...L	Green-yellow <input type="checkbox"/>	DR2.5/10.P.4L	1SNA290219R1200	100	7.00

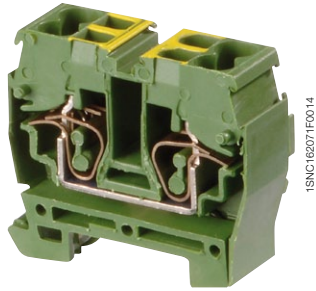
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

DR2.5/10.P.4L spring terminal blocks

Miniblocks - 10 mm 0.394 in spacing



2.5 mm²
12 AWG



DR2.5/10.P.4L

1SNC16207FP0014

Description

- Save space with compact angled terminal blocks,
- Easy mounting on DIN rail TH15,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

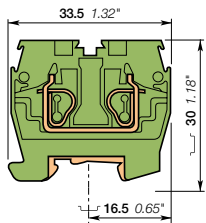
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection:	Green-yellow	DR2.5/10.P.4L	1SNA290219R1200	100	7.00

Main technical data

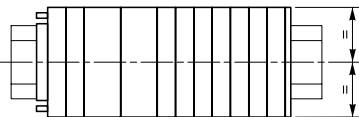
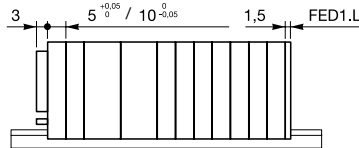
		IEC	UL	CSA	Mounting instructions	
					Rail	TH 15-5.5
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Flexible with non insulated ferrule	0.12-2.5 mm ²				
	with insulated ferrule	0.5-1.5 mm ²			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A2				
Rated cross section		2.5 mm ²				
Rated short-time withstand current (1s)		300 A				
Protection		IP20			NEMA 1	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	Gost R							
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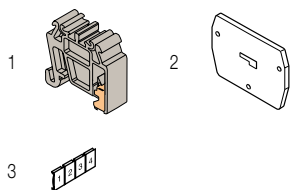
10 mm 0.394 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey	BADRL	1SNA199420R2100	50	2.00
2 End sections 1.5 mm 0.059 in	Grey	FED1.L	1SNA291301R0200	20	1.40
3 Terminal block markers Blank card	White	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

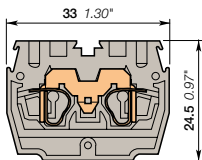
DB2.5/5.2L spring terminal blocks

Miniblocks - 5 mm 0.197 in spacing



1SNC162112FC0014

DB2.5/5.2L



5 mm 0.197 in spacing

Description

- Save space with compact angled terminal blocks,
- Easy base mounting thanks to the usage of flanges,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey <input type="checkbox"/>	DB2.5/5.2L	1SNA290241R1000	100	4.00
	Blue <input type="checkbox"/>	DB2.5/5.N.2L	1SNA290243R1200	100	4.00

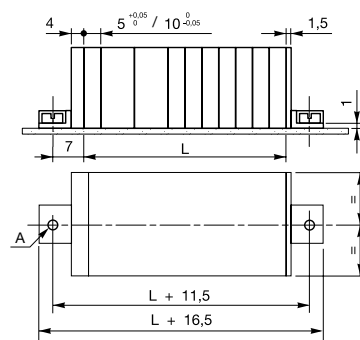
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm ²	26-12 AWG		Wire stripping length	9.5 mm 0.37 in
	Flexible with non insulated ferrule	0.12-2.5 mm ²				
	with insulated ferrule	0.5-1.5 mm ²			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A2				
Rated current / Rated cross section		24 A / 2.5 mm ²	15 A / 12 AWG			
Rated short-time withstand current (1s)		300 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	Gest R
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Notes



$$L = (N \text{ blocks} \times 5.05) + (N \text{ blocks} \times 10)$$

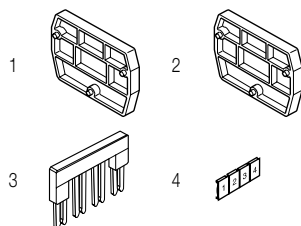
A: 2 holes DIA 3.2 mm for 3 mm screw with cylindrical head (not supplied)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End section kits	Grey <input type="checkbox"/>	FEDB.L	1SNA290281R0100	20	3.00	
2 End sections 4 mm 0.157 in	Grey <input type="checkbox"/>	FED2.L	1SNA291311R2300	20	1.90	
3 Jumper bars 24 A	Orange <input type="checkbox"/>	2 poles	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DH2.5/5.2L spring terminal blocks

Miniblocks - 5 mm 0.197 in spacing



DH2.5/5.2L

1SNC162114F0014

Description

- Save space with compact angled terminal blocks,
- Easy base mounting thanks to snap in mounting foot,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey <input type="checkbox"/>	DH2.5/5.2L	1SNA290261R1400	100	4.00

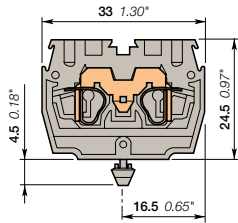
Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge A2	0.12-4 mm ² 0.12-2.5 mm ² 0.5-1.5 mm ²	26-12 AWG	Rail	
Rated current / Rated cross section	24 A / 2.5 mm ²	15 A / 12 AWG		Wire stripping length	9.5 mm 0.37 in
Rated short-time withstand current (1s)	300 A			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated voltage	800 V	600 V			
Impulse withstand voltage	8000 V				
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

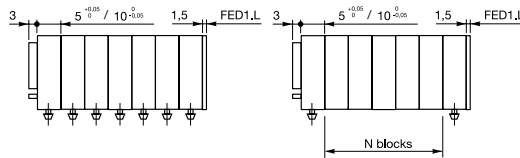


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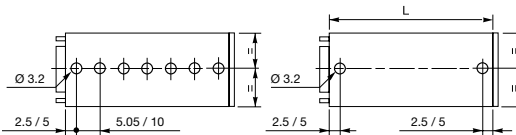


5 mm 0.197 in spacing

Notes



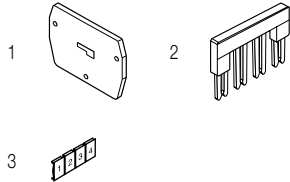
- For 10 mm blocks, mount a DH block every 4 blocks.
- For 5 mm blocks, mount a DH block every 8 blocks.
- N blocks = 8 blocks max with 5 mm spacing
- N blocks = 4 blocks max with 10 mm spacing
- L = (N blocks x 5.05) + (N blocks x 10)
- Panel thickness: 0.6 to 1.2 mm 0.024 to 0.047 in



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End sections	Grey <input type="checkbox"/>	1.5 mm 0.059 in	FED1.L	1SNA291301R0200	20 1.40
		4 mm 0.157 in	FED2.L	1SNA291311R2300	20 1.90
2 Jumper bars	Orange <input type="checkbox"/>	2 poles 24 A	BJDL5-2	1SNA291102R2300	50 1.00
		3 poles	BJDL5-3	1SNA291103R2400	50 0.70
		4 poles	BJDL5-4	1SNA291104R2500	50 0.80
		5 poles	BJDL5-5	1SNA291105R2600	20 0.90
		10 poles	BJDL5-10	1SNA291110R2600	20 1.20
3 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1 2.90	

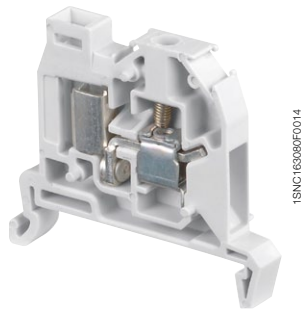
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



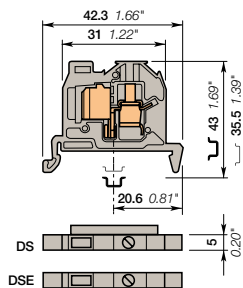
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DS2.5/5.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 5 mm 0.197 in spacing



DS2.5/5.ADO



5 mm 0.197 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey <input type="checkbox"/> DS2.5/5.ADO	1SNA399514R2300	100	4.00
	Without rib for TB assembly extremity	Grey <input type="checkbox"/> DSE2.5/5.ADO	1SNA399518R0700	20	4.00

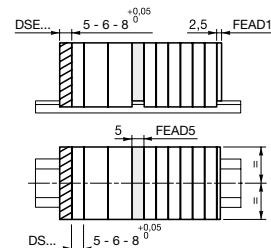
Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded	0.2-1 mm²	24-18 AWG		Rail TH 35-7.5, TH 35-15
	Flexible	0.22-1 mm²			Wire stripping length 9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	24-12 AWG		Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with insulated ferrule Gauge	0.22-2.5 mm² A3			
Rated current / Rated cross section		13.5 A / 1 mm²	10 A / 18 AWG		Torque 0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A			
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes

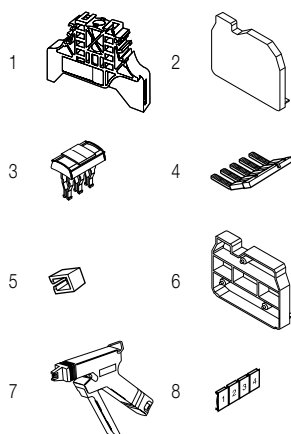


- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEAD1	1SNA199421R1600	20	1.30	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	13.5 A BJADO5-2	1SNA205955R0300	20	1.00
		3 poles	BJADO5-3	1SNA205956R0400	20	1.00
		10 poles	BJADO5-10	1SNA205963R0300	10	5.00
		2 poles	30 A PC5-2	1SNA113542R1000	10	1.80
4 Lateral jumper bars	Grey <input type="checkbox"/>	10 poles	PC5-10	1SNA113544R1200	10	6.00
5 Insulating tips		For lateral jumper bars type PC...	EIP	1SNA113550R2400	10	
6 Circuit separators	Grey <input type="checkbox"/>	5 mm 0.197 in	FEAD5	1SNA199433R1200	20	1.80
7 Tools	Grey <input type="checkbox"/>	Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	Blank card	RC65	1SNA232000R0000	1	3.60

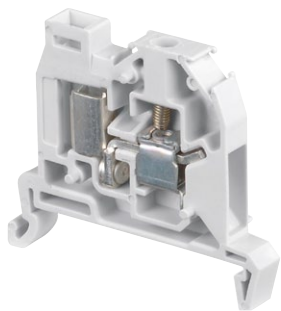
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DS4/6.ADO IDC terminal blocks

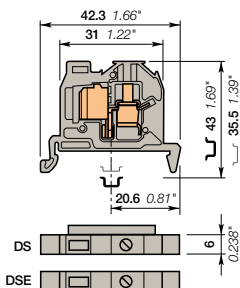
Miniblocks ADO - screw clamp - 6 mm 0.236 in spacing



1SNC163028502014

DS4/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey <input type="checkbox"/> DS4/6.ADO	1SNA299489R0700	100	5.00
	Without rib for TB assembly extremity	Grey <input type="checkbox"/> DSE4/6.ADO	1SNA299556R0100	20	5.00

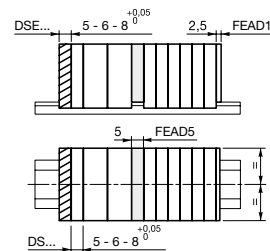
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²	22-16 AWG		Rail	TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule Gauge	0.22-4 mm ² A4				
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG		Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage						
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS: <input type="checkbox"/>	UL: <input type="checkbox"/>	CSA: <input type="checkbox"/>	Gost R: <input type="checkbox"/>
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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

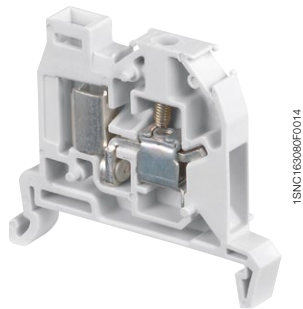
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEAD1	1SNA199421R1600	20	1.30	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles	BJADO6-3	1SNA205975R0700	20	1.00
		10 poles	BJADO6-10	1SNA205982R2700	10	6.00
		2 poles	PC6-2	1SNA113546R1400	10	2.00
4 Lateral jumper bars	Grey <input type="checkbox"/>	3 poles	PC6-3	1SNA116536R0500	10	2.00
		4 poles	PC6-4	1SNA116537R0600	10	1.00
		10 poles	PC6-10	1SNA113548R2600	10	8.00
		For lateral jumper bars type PC...	EIP	1SNA113550R2400	10	
5 Insulating tips						
6 Circuit separators	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80	
7 Tools		Semi automatic tool	OUPAD	1	205.00	
		Hand tool	OUMAD	1	29.00	
8 Terminal block Markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

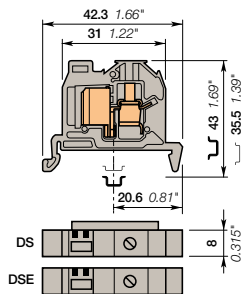
DS4/8.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 8 mm 0.315 in spacing



1SNC16309R0014

DS4/8.ADO



8 mm 0.315 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With rib and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DS4/8.ADO	1SNA299493R2300	100	7.00
Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DSE4/8.ADO	1SNA299557R0200	20	7.00

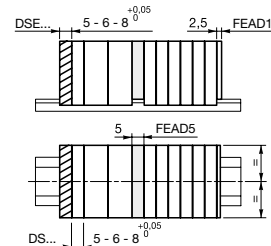
Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG		Rail TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length 9.5 mm 0.37 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Tool Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²			
	Gauge	A4			
Rated current / Rated cross section		24 A / 2.5 mm ²	25 A / 14 AWG		Torque 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		300 A			
Rated voltage		1000 V	600 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	UL	CSA	CSA
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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

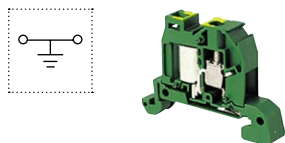
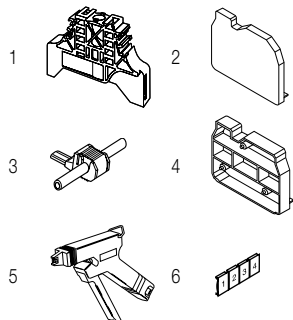
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEAD1	1SNA199421R1600	20	1.30
3 Jumper bars	Grey	AD2.5	1SNA114205R2000	50	1.60
4 Circuit separators	Grey	FEAD5	1SNA199433R1200	20	1.80
5 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
6 Terminal block markers		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground IDC terminal blocks

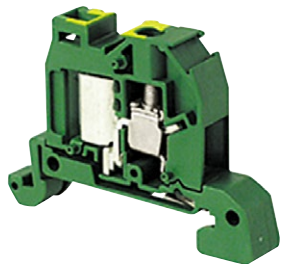
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DS4/8.ADO	Green-yellow	DS4/8.PADO	1SNA199527R1000	100	8.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.



DS4/8.P.ADO IDC terminal blocks

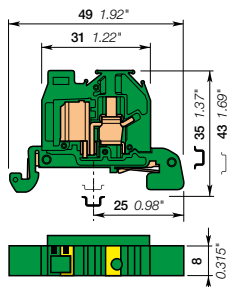
Miniblocks ADO - screw clamp - 8 mm 0.315 in spacing



1SNC16312F0014

DS4/8.P.ADO

6



8 mm 0.315 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground With 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Green-yellow	DS4/8.P.ADO	1SNA199527R1000	100	8.00

Main technical data

		IEC	UL	CSA		
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ²			Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ²			Wire stripping length	9.5 mm 0.37 in
Rated cross section		2.5 mm ²			Tool	Flat screwdriver Ø 4 mm 0.157 in
Rated short-time withstand current (1s)		300 A			Torque	0.5 - 0.8 N.m 4 - 7.1 lb.in
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

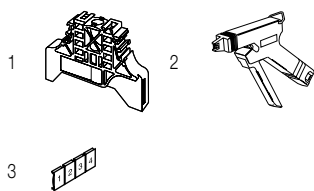
RoHS	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
3 Terminal block markers		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

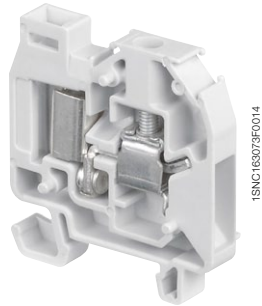
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



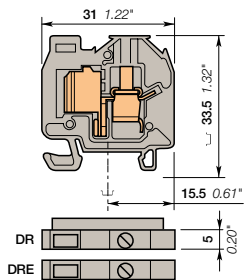
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR2.5/5.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 5 mm 0.197 in spacing



DR2.5/5.ADO



5 mm 0.197 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey <input type="checkbox"/> DR2.5/5.ADO	1SNA399509R1700	100	4.00
	Without rib for TB assembly extremity	Grey <input type="checkbox"/> DRE2.5/5.ADO	1SNA399513R2200	20	4.00

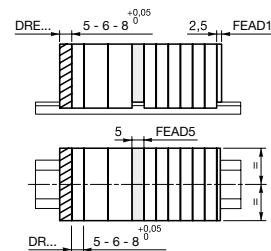
Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm² 0.22-1 mm²	24-18 AWG		Rail TH 15-5.5 Wire stripping length 9.5 mm 0.374 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm² 0.22-2.5 mm² A3	24-12 AWG		Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		13.5 A / 1 mm²	10 A / 18 AWG		
Rated short-time withstand current (1s)		120 A			
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		Torque 0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CSA	Gost R
RoHS	USR CNR		

Notes



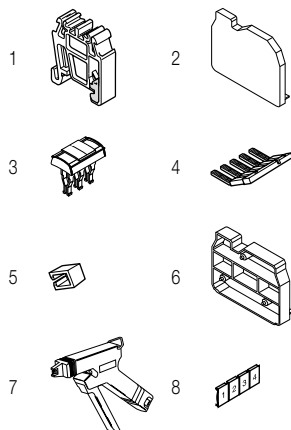
- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00		
2 End sections	Grey <input type="checkbox"/>	FEAD1	1SNA199421R1600	20	1.30		
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	13.5 A	BJAD05-2	1SNA205955R0300	20	1.00
		3 poles		BJAD05-3	1SNA205956R0400	20	1.00
		10 poles		BJAD05-10	1SNA205963R0300	10	5.00
4 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles	30 A	PC5-2	1SNA113542R1000	10	1.80
		10 poles		PC5-10	1SNA113544R1200	10	6.00
5 Insulating tips		For lateral jumper bars type PC...	EIP	1SNA113550R2400	10		
6 Circuit separators	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80		
7 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00	
		Hand tool	OUMAD	1SNA179466R0600	1	29.00	
8 Terminal block markers	White <input type="checkbox"/>	Blank card	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet.

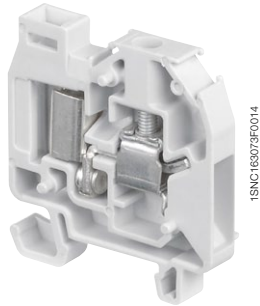
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

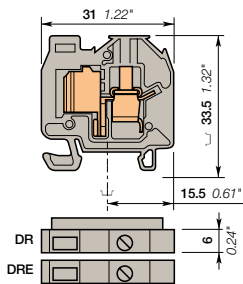
DR4/6.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 6 mm 0.236 in spacing



DR4/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	With rib	Grey <input type="checkbox"/> DR4/6.ADO	1SNA199275R0300	100	5.00
	Without rib for TB assembly extremity	Grey <input type="checkbox"/> DRE4/6.ADO	1SNA299552R0500	20	5.00

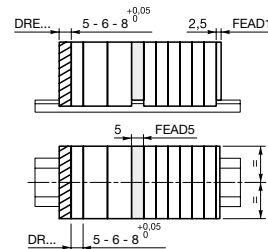
Main technical data

		IEC	UL	CSA	Mounting instructions	
					Rail	TH 15-5.5
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²	22-16 AWG		Wire stripping length	9.5 mm 0.374 in
	Flexible	0.34-1.5 mm ²				
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.22-4 mm ²				
	with insulated ferrule					
Gauge		A4			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG			
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

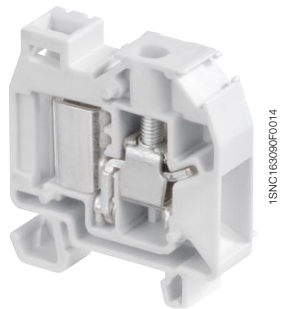
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey <input type="checkbox"/>	FEAD1	1SNA199421R1600	20	1.30
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA205974R0600	20	1.00
		3 poles	1SNA205975R0700	20	1.00
		10 poles	1SNA205982R2700	10	6.00
		2 poles	35 A	1SNA113546R1400	10
4 Lateral jumper bars	Grey <input type="checkbox"/>	PC6-2	1SNA113546R1400	10	2.00
		PC6-3	1SNA116536R0500	10	2.00
		PC6-4	1SNA116537R0600	10	1.00
		PC6-10	1SNA113548R2600	10	8.00
		EIP	1SNA113550R2400	10	
5 Insulating tips		For lateral jumper bars type PC...			
6 Circuit separators	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80
7 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

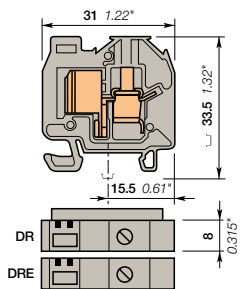
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR4/8.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 8 mm 0.315 in spacing



DR4/8.ADO



8 mm 0.315 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With rib and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DR4/8.ADO	1SNA199279R1700	100	7.00
Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DRE4/8.ADO	1SNA299553R0600	20	7.00

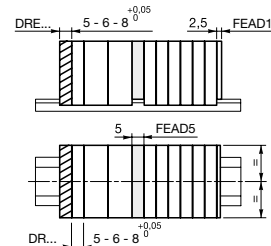
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG		Rail	TH 15-5.5
	Flexible	1-2.5 mm ²			Wire stripping length	9.5 mm 0.374 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²				
	Gauge	A4				
Rated current / Rated cross section		24 A / 2.5 mm ²	25 A / 14 AWG		Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		300 A				
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	ULSR CNF	CSA	Gost R
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Notes

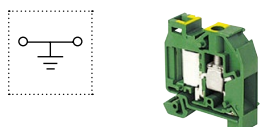
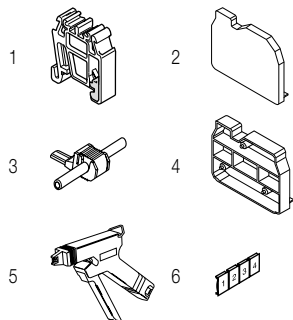


- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey	FEAD1	1SNA199421R1600	20	1.30
3 Jumper bars	Grey	AD2.5	1SNA114205R2000	50	1.60
4 Circuit separators	Grey	FEAD5	1SNA199433R1200	20	1.80
5 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
6 Terminal block markers		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



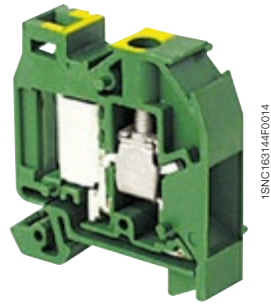
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR4/8.ADO	Green-yellow	DR4/8.PADO	1SNA299632R0500	100	8.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

DR4/8.P.ADO IDC Terminal Blocks

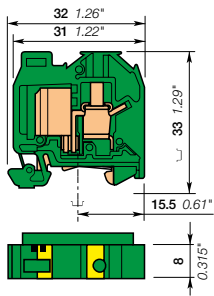
Miniblocks ADO - screw clamp - 8 mm 0.315 in Spacing



1SNC163144F0014

DR4/8.P.ADO

6



8 mm 0.315 in Spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Up to 2 wires per connection in the ADO System® connection.

Ordering Details

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
Ground Ground with 2 notches for wire size 1-2.5 mm² (16-14 AWG)	Green-Yellow	DR4/8.P.ADO	1SNA299632R0500	100	8.00

Main Technical Data

		IEC	UL	CSA	Mounting Instructions	
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²			Rail	TH 15-5.5
					Wire stripping length	9.5 mm 0.374 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm² 0.22-4 mm² A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		2.5 mm²			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		300 A				
Protection			NEMA			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

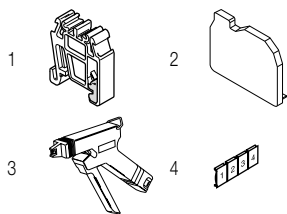
RoHS	RoHS		Gost R
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Accessories

Description	Color	Type	Order Code	Pkg pce	Weight (1 pce) g
1 End Stops	Grey	BADRL	1SNA199420R2100	50	2.00
2 End Sections	Grey	FEAD1	1SNA199421R1600	20	1.30
3 Tools		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
4 Terminal block markers		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

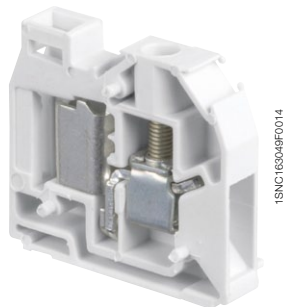
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



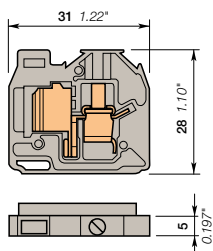
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

DB2.5/5.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 5 mm 0.197 in spacing



DB2.5/5.ADO



5 mm 0.197 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DB2.5/5.ADO	1SNA399519R0000	100	4.00

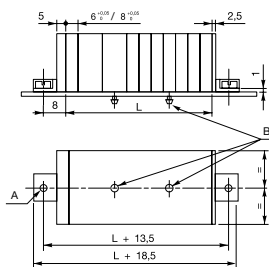
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.2-1 mm²	24-18 AWG		Wire stripping length	9.5 mm 0.374 in
	Flexible	0.22-1 mm²				
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm²	24-12 AWG		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with insulated ferrule Gauge	0.22-2.5 mm² A3				
Rated current / Rated cross section		13.5 A / 1 mm²	10 A / 18 AWG		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	UL	UL	UL	UL	UL	UL	UL
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes

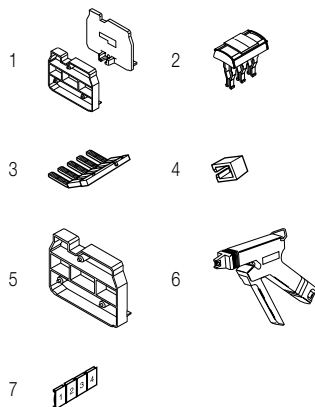


- A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).
- L = (N blocks x 6) + (N blocks x 8)
- Plate thickness 0.6 to 1.2 mm
- Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End section kits	Grey <input type="checkbox"/>	FEAD3	1SNA199437R1600	20	3.00	
2 Jumper bars	Orange <input type="checkbox"/>	2 poles 13.5 A	BJAD05-2	1SNA205955R0300	20	1.00
		3 poles	BJAD05-3	1SNA205956R0400	20	1.00
		10 poles	BJAD05-10	1SNA205963R0300	10	5.00
3 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 30 A	PC5-2	1SNA113542R1000	10	1.80
		10 poles	PC5-10	1SNA113544R1200	10	6.00
			EIP	1SNA113550R2400	10	
4 Insulating tips For lateral jumper bars type PC...						
5 Circuit separators 5 mm 0.197 in	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80	
6 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
7 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90	

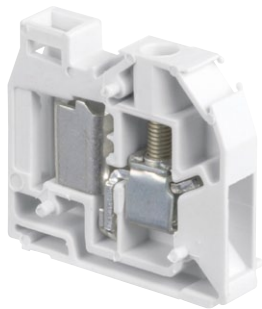
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

DB4/6.ADO IDC terminal blocks

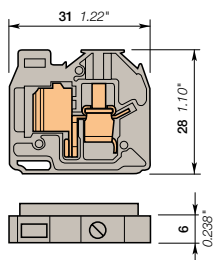
Miniblocks ADO - screw clamp - 6 mm 0.236 in spacing



1SNC163049F0014

DB4/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DB4/6.ADO	1SNA299505R0700	100	5.00

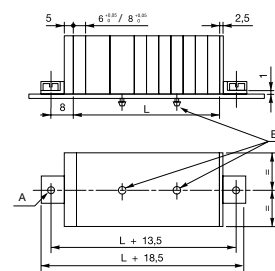
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²	22-16 AWG		Wire stripping length	9.5 mm 0.374 in
	Flexible	0.34-1.5 mm ²	22-16 AWG		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
	Flexible with insulated ferrule	0.22-4 mm ²				
Gauge		A4				
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG			
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS:	RoHS	UL:	ULR CNR	CSA:	CSAus	Gost:	Gost R
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Notes



A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).

L = (N blocks x 6) + (N blocks x 8)

Plate thickness 0.6 to 1.2 mm

Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories

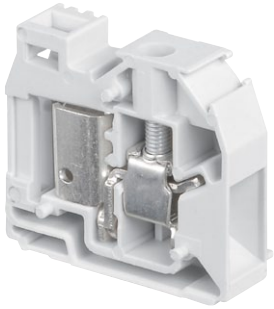
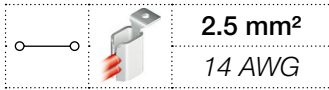
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End section kits	Grey <input type="checkbox"/>	FEAD3	1SNA199437R1600	20	3.00	
2 Jumper bars	Orange <input type="checkbox"/>	2 poles 17.5 A	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles	BJADO6-3	1SNA205975R0700	20	1.00
		10 poles	BJADO6-10	1SNA205982R2700	10	6.00
3 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 35 A	PC6-2	1SNA113546R1400	10	2.00
		3 poles	PC6-3	1SNA116536R0500	10	2.00
		4 poles	PC6-4	1SNA116537R0600	10	1.00
		10 poles	PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips		EIP	1SNA113550R2400	10		
5 Circuit separators	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80	
6 Tools		OUPAD	1SNA178944R0400	1	205.00	
		OUMAD	1SNA179466R0600	1	29.00	
7 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

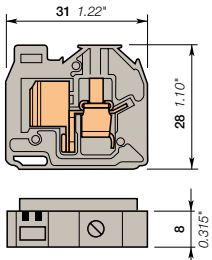
DB4/8.ADO IDC terminal blocks

Miniblocks ADO - screw clamp - 8 mm 0.315 in spacing



1SNIC163039F0014

DB4/8.ADO



8 mm 0.315 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp,
- Easy base mounting thanks to the usage of flanges.
- Up to 2 wires per connection in the ADO System® connection.

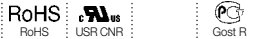
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 notches for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	DB4/8.ADO	1SNA299509R1300	100	7.00

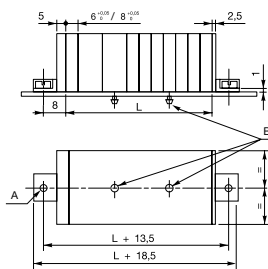
Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible 1-2.5 mm² 1-2.5 mm²	16-14 AWG		Rail Wire stripping length 9.5 mm 0.374 in
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge A4 0.2-4 mm² 0.22-4 mm²	22-10 AWG		Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section	24 A / 2.5 mm²	25 A / 14 AWG		Torque 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)	300 A			
Rated voltage	800 V	600 V		
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



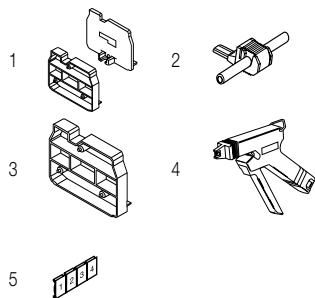
- A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).
- L = (N blocks x 6) + (N blocks x 8)
- Plate thickness 0.6 to 1.2 mm
- Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End section kits	Grey <input type="checkbox"/>	FEAD3	1SNA199437R1600	20	3.00
2 Jumper bars 1 poles 24 A	Grey <input type="checkbox"/>	AD2.5	1SNA114205R2000	50	1.60
3 Circuit separators 5 mm 0.197 in	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80
4 Tools Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
Hand tool		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers Blank card		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

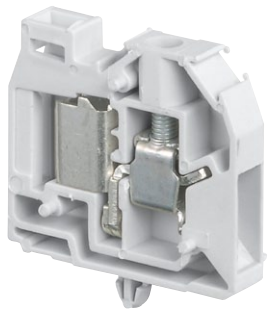
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DH4/6.ADO IDC terminal blocks

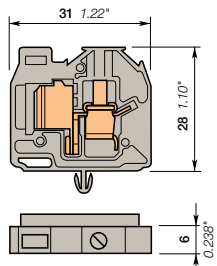
Miniblocks ADO - screw clamp - 6 mm 0.236 in spacing



1SNC163046P014

DH4/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- This solution brings all the benefits of the ADO System® and allow installators to connect on standard screw clamp,
- Easy base mounting thanks to snap in mounting foot,
- Up to 2 wires per connection in the ADO System® connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DH4/6.ADO	1SNA299521R2600	100	5.00

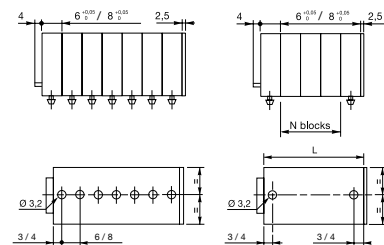
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²	22-16 AWG		Rail	
	Flexible	0.34-1.5 mm ²			Wire stripping length	9.5 mm 0.374 in
Screw clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-10 AWG		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22-4 mm ²				
Gauge		A4			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG			
Rated short-time withstand current (1s)		180 A				
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS: RoHS	UL	Gost R
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Notes



L = (N blocks x 6) + (N blocks x 8)
 N blocks = 3 blocks max. with 6 mm spacing
 2 blocks max. with 8 mm spacing
 Plate thickness 0.6 to 1.2 mm

Accessories

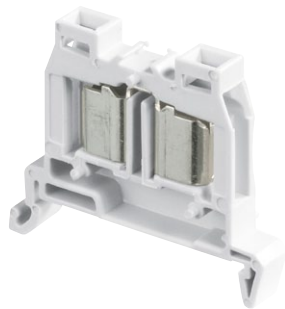
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End section	Grey <input type="checkbox"/>	FEAD1	1SNA199421R1600	20	1.30	
2 Jumper bars	Orange <input type="checkbox"/>	2 poles 17.5 A	BJADO6-2	1SNA205974R0600	20	1.00
		3 poles	BJADO6-3	1SNA205975R0700	20	1.00
		10 poles	BJADO6-10	1SNA205982R2700	10	6.00
3 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 35 A	PC6-2	1SNA113546R1400	10	2.00
		3 poles	PC6-3	1SNA116536R0500	10	2.00
		4 poles	PC6-4	1SNA116537R0600	10	1.00
		10 poles	PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips		EIP	1SNA113550R2400	10		
5 Circuit separators	Grey <input type="checkbox"/>	FEAD5	1SNA199433R1200	20	1.80	
6 Tools		OUPAD	1SNA178944R0400	1	205.00	
		OUMAD	1SNA179466R0600	1	29.00	
7 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

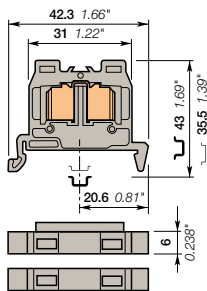
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DS1.5/6.ADO IDC terminal blocks

Miniblocks ADO - ADO - 6 mm 0.236 in spacing



DS1.5/6.ADO



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	DS1.5/6.ADO	1SNA299497R2700	100	4.00
	Grey	DSE1.5/6.ADO	1SNA299558R1300	20	4.00

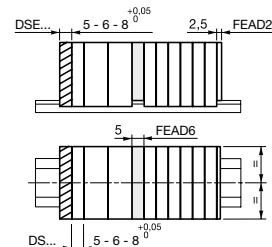
Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid Solid / Stranded Flexible 0.28-1.5 mm² 0.34-1.5 mm²	22-16 AWG		Rail Wire stripping length TH 35-7.5, TH 35-15
Screw clamp	Rigid Solid / Stranded Flexible with insulated ferrule Gauge			Tool
Rated current / Rated cross section	17.5 A / 1.5 mm²	20 A / 16 AWG		Torque
Rated short-time withstand current (1s)	180 A			
Rated voltage	1000 V	600 V		
Impulse withstand voltage				
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	UL	UL	CSA	CSA	RoHS	RoHS	UL	UL	CSA	CSA
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Notes



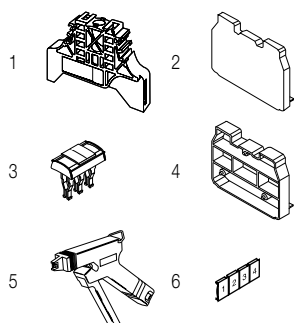
- End section FEAD2 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: It reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD6 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEAD2	1SNA199423R1000	20	1.30
3 Jumper bars	Orange	2 poles	1SNA205974R0600	20	1.00
		3 poles	1SNA205975R0700	20	1.00
		10 poles	1SNA205982R2700	10	6.00
		5 mm	1SNA199435R1400	20	1.80
4 Circuit separators	Grey	FEAD6	1SNA199435R1400	20	1.80
		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
5 Tools		Semi automatic tool			
6 Terminal block markers	White	Blank card	1SNA232000R0000	1	3.60
		RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet.

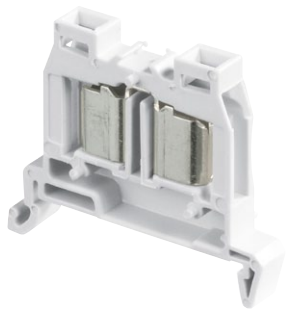
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

DS2.5/8.ADO IDC terminal blocks

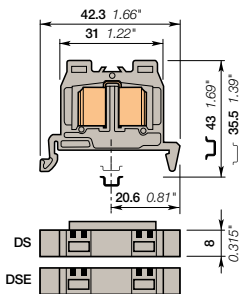
Miniblocks ADO - ADO - 8 mm 0.315 in spacing



1SNC16306F0014

DS2.5/8.ADO

6



8 mm 0.315 in spacing




Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.




Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With rib and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	<input type="checkbox"/> DS2.5/8.ADO	1SNA299501R0300	100	6.00
Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	<input type="checkbox"/> DSE2.5/8.ADO	1SNA299559R1400	20	6.00

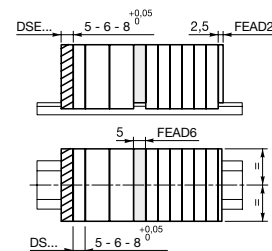
Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG		Rail  TH 35-7.5, TH 35-15
	Flexible	1-2.5 mm ²			Wire stripping length 
Screw clamp	Rigid - Solid / Stranded				Tool
	Flexible with insulated ferrule				
	Gauge				
Rated current / Rated cross section		24 A / 2.5 mm ²	25 A / 14 AWG		
Rated short-time withstand current (1s)		300 A			
Rated voltage		1000 V	600 V		
Impulse withstand voltage					Torque 
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS			
RoHS	CCSAus	Gost R	

Notes



- End section FEAD2 to be mounted directly on the open part of the terminal block.
- End terminal block DSE has to be mounted at the end of the terminal blocks assembly: It reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD6 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Grey	<input type="checkbox"/> BAM2	1SNA206351R1600	50	12.00
9 mm 0.354 in		<input type="checkbox"/> BADL	1SNA399903R0200	50	4.70
2 End sections 2.5 mm 0.098 in	Grey	<input type="checkbox"/> FEAD2	1SNA199423R1000	20	1.30
3 Circuit separators 5 mm 0.197 in	Grey	<input type="checkbox"/> FEAD6	1SNA199435R1400	20	1.80
4 Tools Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
Hand tool		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers Blank card		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DS2.5/8.ADO	Green-yellow	<input type="checkbox"/> DS2.5/8.P.ADO	1SNA199528R2100	100	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

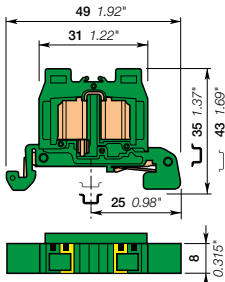
DS2.5/8.P.ADO IDC terminal blocks

Miniblocks ADO - ADO - 8 mm 0.315 in spacing

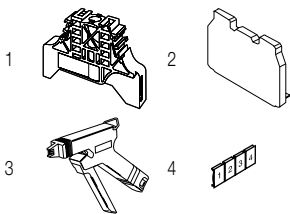


1SNC163140F0014

DS2.5/8.P.ADO



8 mm 0.315 in spacing



Description

- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground With 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Green-yellow	DS2.5/8.P.ADO	1SNA199528R2100	100	10.00

Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ² 1-2.5 mm ²	16-14 AWG		Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length Tool
Rated cross section		2.5 mm ²	14 AWG		Torque
Rated short-time withstand current (1s)		300 A			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS			
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Accessories

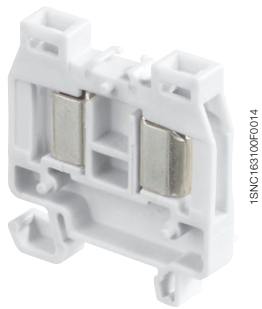
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections	Grey	FEAD2	1SNA199423R1000	20	1.30
3 Tools		Semi automatic tool Hand tool	OUPAD OUMAD	1 1	205.00 29.00
4 Terminal block markers		Blank card	RCAL85	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

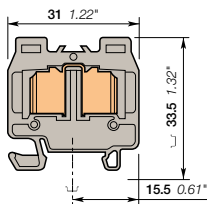
DR1/5.ADO IDC terminal blocks

Miniblocks ADO - ADO - 5 mm 0.197 in spacing



DR1/5.ADO

6



5 mm 0.197 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DR1/5.ADO	1SNA399491R2500	100	3.00
	Grey <input type="checkbox"/>	DRE1/5.ADO	1SNA399495R2100	20	3.00

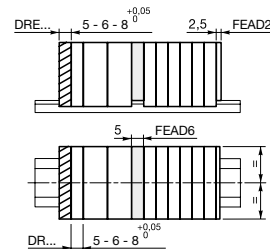
Main technical data

	IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm² 0.22-1 mm²	24-18 AWG	Rail	TH 15-5.5
Screw clamp	Rigid - Solid / Stranded			Wire stripping length	
	Flexible with insulated ferrule Gauge			Tool	
Rated current / Rated cross section	13.5 A / 1 mm²	10 A / 18 AWG		Torque	
Rated short-time withstand current (1s)	120 A				
Rated voltage	1000 V	600 V			
Impulse withstand voltage	8000 V				
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes

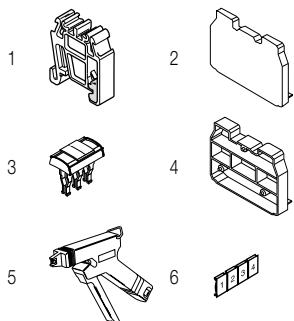


- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey <input type="checkbox"/>	FEAD2	1SNA199423R1000	20	1.30
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA205955R0300	20	1.00
		3 poles	1SNA205956R0400	20	1.00
		10 poles	1SNA205963R0300	10	5.00
4 Circuit separators	Grey <input type="checkbox"/>	FEAD6	1SNA199435R1400	20	1.80
5 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
6 Terminal block markers	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

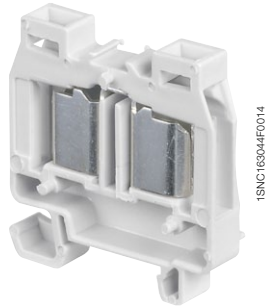
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



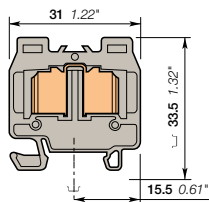
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DR1.5/6.ADO IDC terminal blocks

Miniblocks ADO - ADO - 6 mm 0.236 in spacing



DR1.5/6.ADO



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

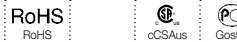
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DR1.5/6.ADO	1SNA199283R2400	100	4.00
	Grey <input type="checkbox"/>	DRE1.5/6.ADO	1SNA299554R0700	20	4.00

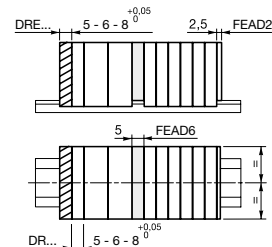
Main technical data

	IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	22-16 AWG 22-16 AWG		Rail	TH 15-5.5
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Wire stripping length	
Rated current / Rated cross section	17.5 A / 1.5 mm²	20 A / 16 AWG		Tool	
Rated short-time withstand current (1s)	180 A			Torque	
Rated voltage	1000 V	600 V			
Impulse withstand voltage	8000 V				
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes

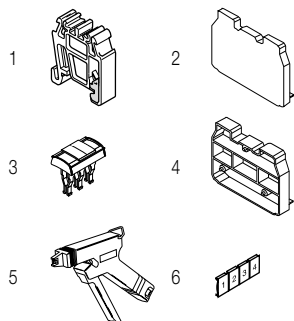


- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BADRL	1SNA199420R2100	50	2.00	
2 End sections	Grey <input type="checkbox"/>	FEAD2	1SNA199423R1000	20	1.30	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA205974R0600	20	1.00	
		3 poles	BJADO6-3	1SNA205975R0700	20	1.00
		10 poles	BJADO6-10	1SNA205982R2700	10	6.00
4 Circuit separators	Grey <input type="checkbox"/>	FEAD6	1SNA199435R1400	20	1.80	
5 Tools		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
		Hand tool	OUMAD	1SNA179466R0600	1	29.00
6 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60	

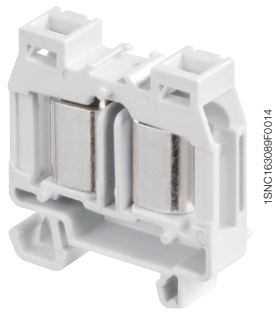
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

DR2.5/8.ADO IDC terminal blocks

Miniblocks ADO - ADO - 8 mm 0.315 in spacing



DR2.5/8.ADO

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With rib and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DR2.5/8.ADO	1SNA199287R2000	100	6.00
Without rib for TB assembly extremity and 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey	DRE2.5/8.ADO	1SNA299555R0000	20	6.00

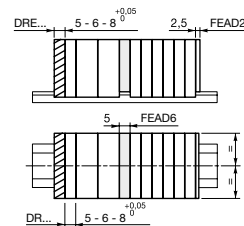
Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded	1-2.5 mm ²	16-14 AWG		Rail TH 15-5.5
	Flexible	1-2.5 mm ²	16-14 AWG		Wire stripping length
Screw clamp	Rigid - Solid / Stranded				Tool
	Flexible with insulated ferrule				
	Gauge				
Rated current / Rated cross section		24 A / 2.5 mm ²	25 A / 14 AWG		
Rated short-time withstand current (1s)		8000 A			
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			Torque
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	cCSAus	Goost R
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Notes



- End section FEAD1 to be mounted directly on the open part of the terminal block.
- End terminal block DRE has to be mounted at the end of the terminal blocks assembly: it reduces its size, because it suppresses the insulation rib (- 4 mm).
- Nota: This terminal block cannot be accidentally located anywhere else into the terminal block assembly (without locking holes)
- Separator FEAD5 which snaps on the terminal blocks, separates and makes visible the different parts of the terminal blocks assembly.

Accessories

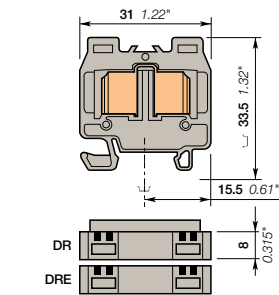
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 6.5 mm 0.256 in	Grey	BADRL	1SNA199420R2100	50	2.00
2 End sections 2.5 mm 0.098 in	Grey	FEAD2	1SNA199423R1000	20	1.30
3 Circuit separators 5 mm 0.197 in	Grey	FEAD6	1SNA199435R1400	20	1.80
4 Tools					
Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
Hand tool		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers Blank card		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

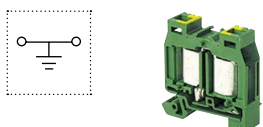
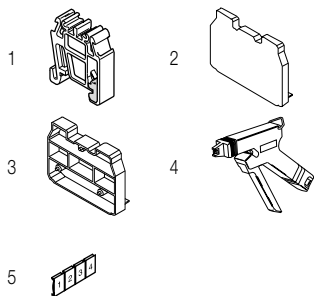
Ground IDC terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with DR2.5/8.ADO	Green-yellow	DR2.5/8.P.ADO	1SNA299633R0600	100	8.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

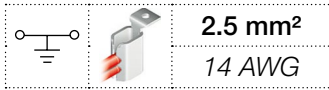


8 mm 0.315 in spacing



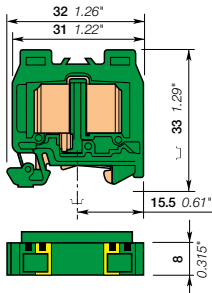
DR2.5/8.P.ADO IDC terminal blocks

Miniblocks ADO - ADO - 8 mm 0.315 in spacing



1SNIC163141F0014

DR2.5/8.P.ADO



8 mm 0.315 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- Protect your installation in the event of a short-circuit thanks to our screwless rail contact non operator dependent,
- Secure mounting or removal from the rail,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Green-yellow	DR2.5/8.P.ADO	1SNA299633R0600	100	8.00

Main technical data

		IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ² 1-2.5 mm ²	16-14 AWG		Rail TH 15-5.5 Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Tool
Rated cross section		2.5 mm ²	14 AWG		Torque
Rated short-time withstand current (1s)		300 A			
Protection		IP20	NEMA 1		

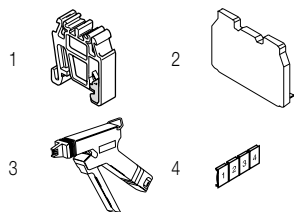
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADRL	1SNA199420R2100	50	2.00
2 End sections	Grey	FEAD2	1SNA199423R1000	20	1.30
3 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

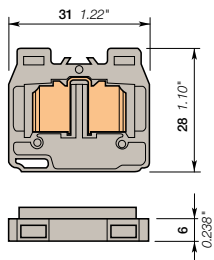
DB1.5/6.ADO IDC terminal blocks

Miniblocks ADO - ADO - 6 mm 0.236 in spacing



DB1.5/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to the usage of flanges,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DB1.5/6.ADO	1SNA299513R2600	100	4.00

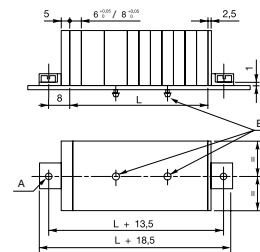
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid Solid / Stranded Flexible	0.28-1.5 mm ² 0.34-1.5 mm ²	22-16 AWG		Rail	
Screw clamp	Rigid Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG		Tool	
Rated short-time withstand current (1s)		180 A			Torque	
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Notes

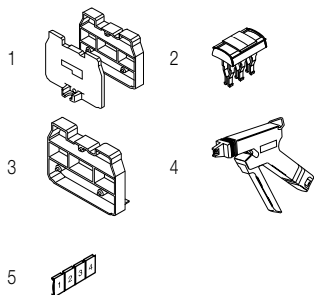


- A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).
- L = (N blocks x 6) + (N blocks x 8)
- Plate thickness 0.6 to 1.2 mm
- Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6mm)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End section kits	Grey <input type="checkbox"/>	FEAD4	1SNA199439R2000	20	3.00
2 Jumper bars	Orange <input type="checkbox"/>	BJADO6-2	1SNA205974R0600	20	1.00
		BJADO6-3	1SNA205975R0700	20	1.00
		BJADO6-10	1SNA205982R2700	10	6.00
3 Circuit separators	Grey <input type="checkbox"/>	FEAD6	1SNA199435R1400	20	1.80
4 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



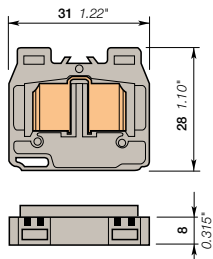
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DB2.5/8.ADO IDC terminal blocks

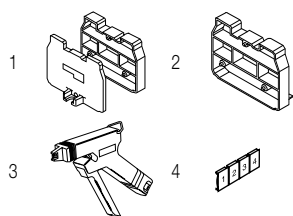
Miniblocks ADO - ADO - 8 mm 0.315 in spacing



DB2.5/8.ADO



8 mm 0.315 in spacing



Description

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- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to the usage of flanges,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through With 2 notches for wire size 1-2.5 mm ² (16-14 AWG)	Grey <input type="checkbox"/>	DB2.5/8.ADO	1SNA299517R2200	100	6.00

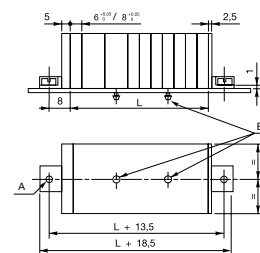
Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm ² 1-2.5 mm ²	16-14 AWG	Rail Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible			Tool
	with insulated ferrule Gauge			
Rated current / Rated cross section	24 A / 2.5 mm ²	25 A / 14 AWG		
Rated short-time withstand current (1s)	300 A			
Rated voltage	800 V	600 V		
Impulse withstand voltage	8000 V			Torque
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS RoHS			
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Notes



- A: 2 holes DIA 3.2 mm for 3 mm screw max. with cylindrical head (not supplied).
- L = (N blocks x 6) + (N blocks x 8)
- Plate thickness 0.6 to 1.2 mm
- Intermediate mounting of DH blocks every 2 blocks (spacing 8 mm) or 3 blocks (spacing 6 mm)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End section kits	Grey <input type="checkbox"/>	FEAD4	1SNA199439R2000	20	3.00
2 Circuit separators 5 mm 0.197 in	Grey <input type="checkbox"/>	FEAD6	1SNA199435R1400	20	1.80
3 Tools Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00
Hand tool		OUMAD	1SNA179466R0600	1	29.00
4 Terminal block markers Blank card		RCAL85	1SNA237000R0500	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

DH1.5/6.ADO IDC terminal blocks

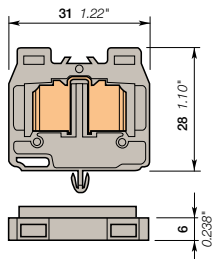
Miniblocks ADO - ADO - 6 mm 0.236 in spacing



1SNC163009F014

DH1.5/6.ADO

6



6 mm 0.236 in spacing

Description

- The mini blocks are particularly designed for applications where space is very restricted,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Easy base mounting thanks to snap in mounting foot,
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	DH1.5/6.ADO	1SNA299529R0600	100	4.00

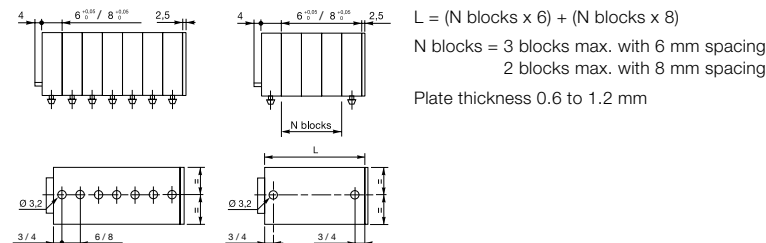
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.28-1.5 mm ²	22-16 AWG		Rail	
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule					
	Gauge					
Rated current / Rated cross section		17.5 A / 1.5 mm ²	20 A / 16 AWG		Torque	
Rated short-time withstand current (1s)		180 A				
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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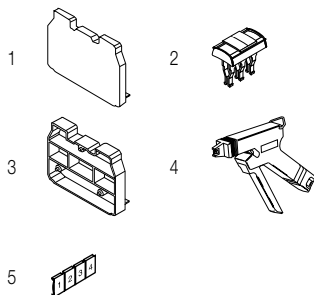
Notes



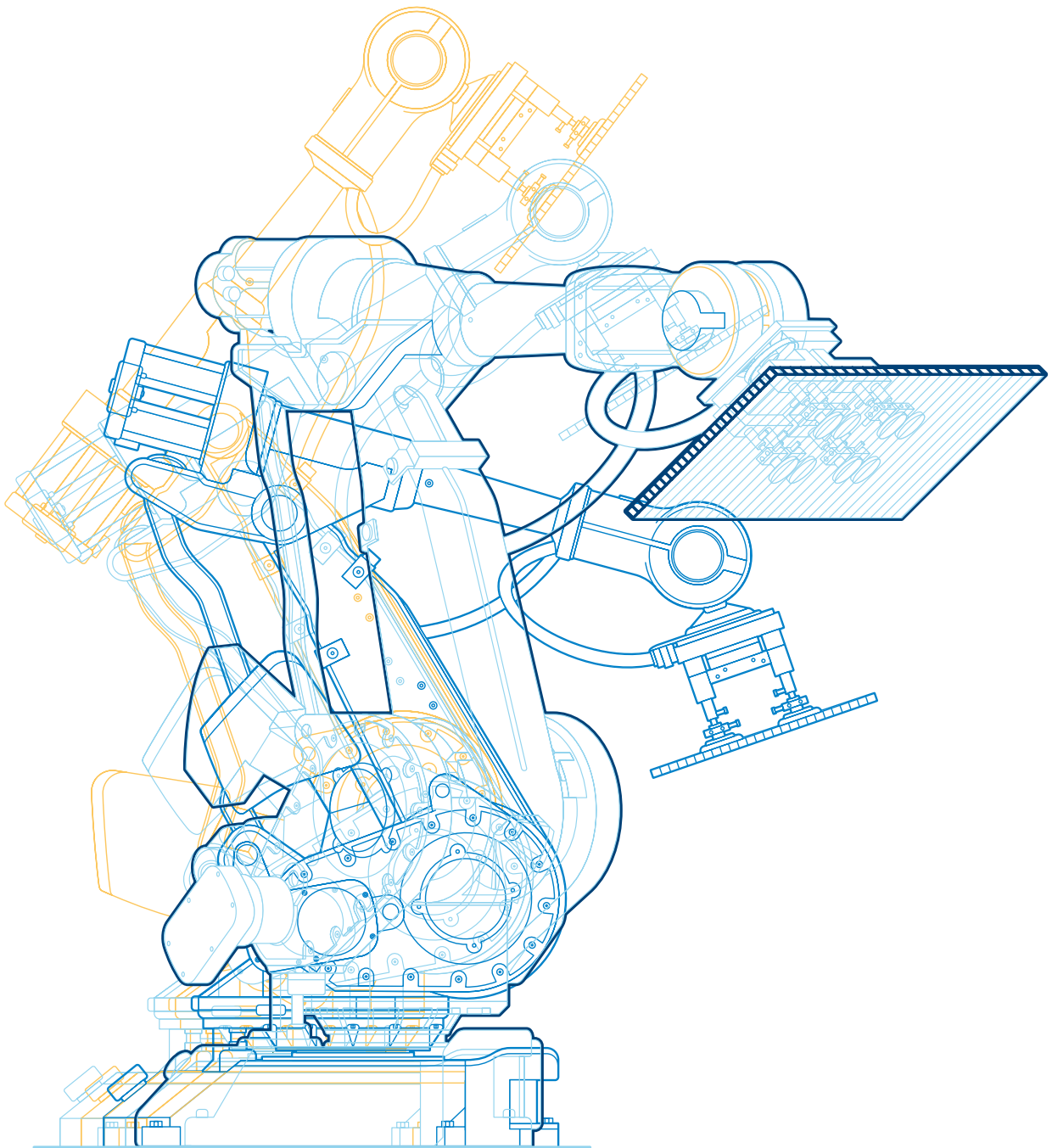
Accessories

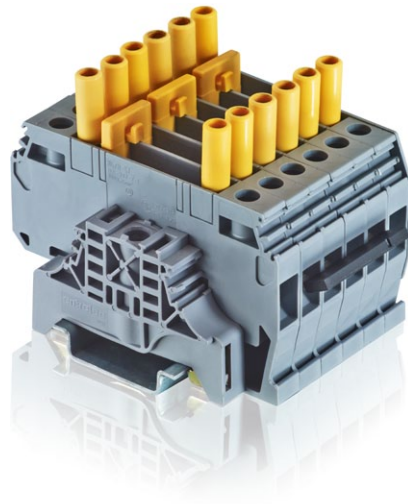
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End sections	Grey <input type="checkbox"/>	FEAD2	1SNA199423R1000	20	1.30
2 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA205974R0600	20	1.00
		3 poles	1SNA205975R0700	20	1.00
		10 poles	1SNA205982R2700	10	6.00
3 Circuit separators	Grey <input type="checkbox"/>	FEAD6	1SNA199435R1400	20	1.80
4 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
5 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

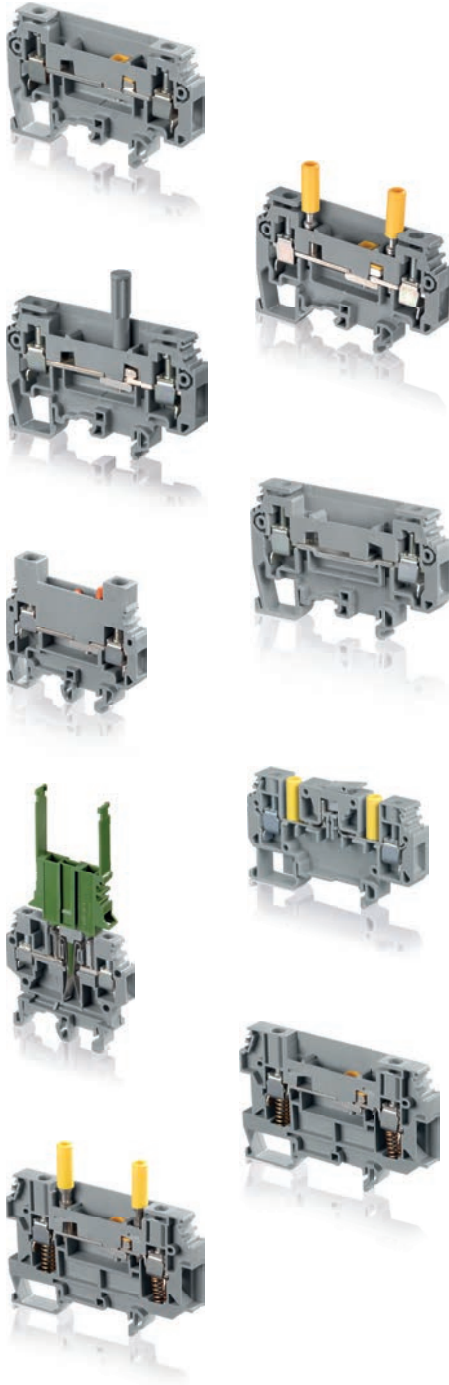




Solution series, terminal blocks

Test & measurement

Technologies presentation	148
Overview	150



Screw clamp technology

Test disconnect with screwdriver sliding link

6 mm ² / 8 AWG	M6/8.ST		151
	M6/8.ST1	With test	152
	M6/8.ST1.IP20	With insulated test sockets	153
	M6/8.ST3	With insulated rod	154
	M6/8.ST7	Feed-through	155
	M6/8.STA	With test	156

Test disconnect with blade

6 mm ² / 8 AWG	D6/10.SNBTB1		157
	D6/10.SNBTB2	With test	158

Test disconnect with plug

4 mm ² / 12 AWG	M4/6.ST		159
10 mm ² / 8 AWG	M10/10.ST-Sn		160

Spring loaded screw clamp technology

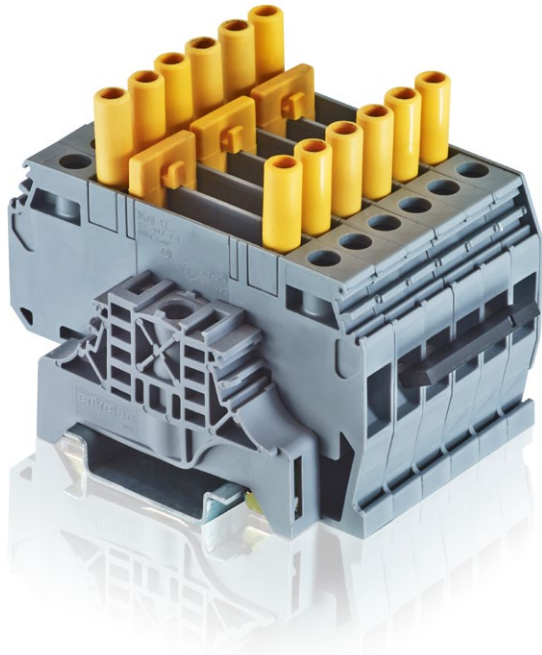
Test disconnect with screwdriver sliding link

6 mm ² / 12 AWG	M6/8.ST.RS		161
	D6/8.ST1.RS.IP20	With insulated test sockets	162

Solution series, terminal blocks

Test & measurement

Screw clamp technology

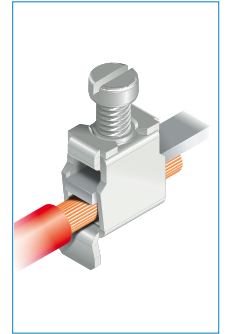


7

Secure your measurement operations

Our test & measurement terminal blocks benefit from our long experience in the energy applications.

A large choice of accessories make the test & measurement operation easy and secure.



RoHS

ISO 9001
ISO 14001



A large choice of combinations and accessories

1 Short-circuit CT circuits safely and conveniently

ABB's insulated short-circuit bridge allows secured short-circuit position thanks to AJS9 test sockets tightening.

2 Adapted hook shape maintains the bridge on terminal block in the non connected position.

3 Test your circuits with flexibility using AJS9 test sockets

The insulated test sockets AJS9 are available in 6 colors for convenient circuit identification.

They are compatible with standard DIA. 4 mm test plugs (IEC 60010-031).

Fully operated by screwdriver (DIA. 3.5 mm).

4 Convenient circuit distribution with lateral jumpers

ABB provides a whole set of lateral jumpers adapted to the various circuit configurations of our customers.

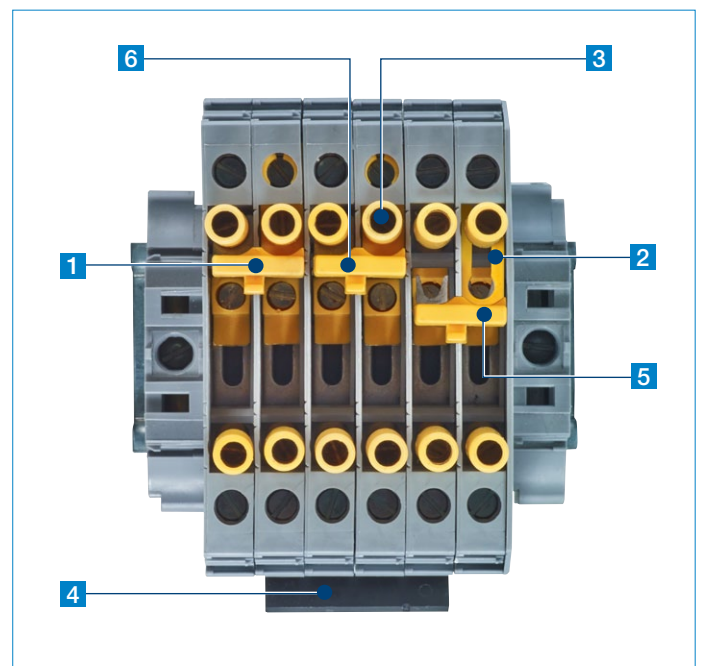
Secure your disconnect operation during short-circuiting

5 In non short-circuited position:

- The short circuiting bridge is opened. For security purpose, the access to the disconnect sliding unit is blocked (in closed position).

6 In short-circuited position:

- The short circuiting bridge is first positioned, authorizing access to the disconnect sliding unit for opening the circuit.

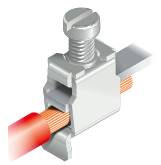


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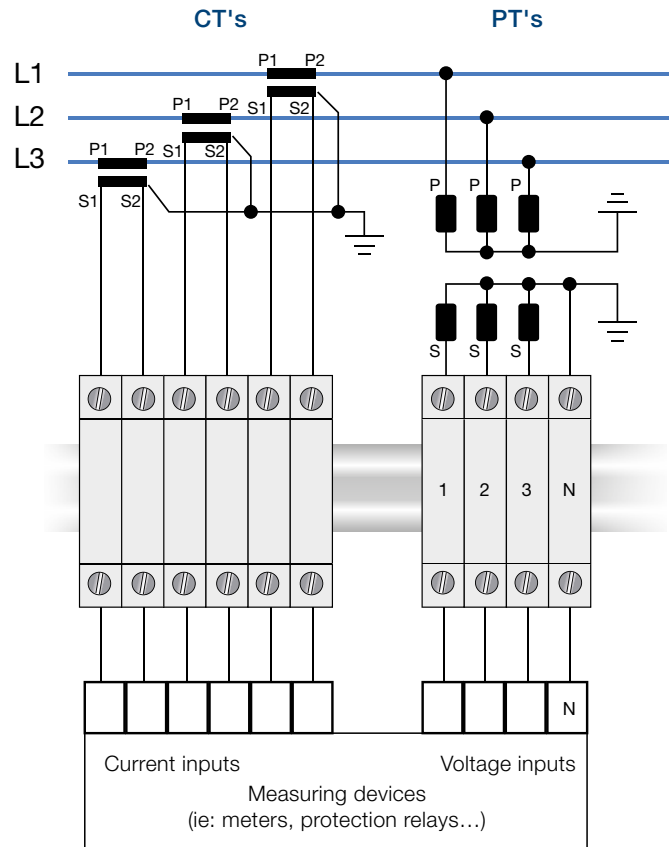
Solution series, terminal blocks

Test & measurement

Typical schematic for measuring devices



Common point on the transformers



Solution series, terminal blocks

Test & measurement

Screw clamp technology



Test disconnect with screwdriver sliding link

Test disconnect with insulated rod sliding link

Feed-through

Section					
IEC	UL/CSA				
6 mm ²	8 AWG	M6/8.ST		M6/8.ST1.IP20	
		6 mm 0.236 in		6 mm 0.236 in	
				M6/8.ST3	
				8 mm 0.315 in	
				M6/8.ST7	
				8 mm 0.315 in	

7



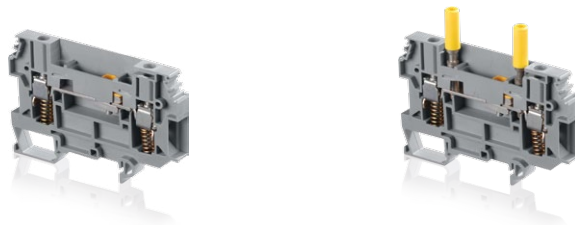
Test disconnect with screwdriver sliding link

Test disconnect with blade

Test disconnect with plug

Section					
IEC	UL/CSA				
4 mm ²	12 AWG	M6/8.STA		D6/10.SNBTB	
6 mm ²	8 AWG	6 mm 0.236 in		10 mm 0.394 in	
10 mm ²	8 AWG			M10/10.ST-Sn	
				10 mm 0.394 in	

Spring loaded screw clamp technology



Test disconnect with screwdriver sliding link

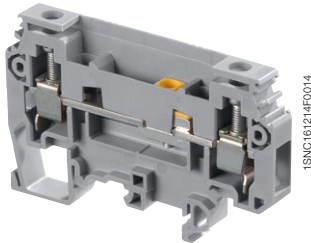
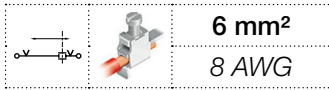
Section					
IEC	UL/CSA				
6 mm ²	12 AWG	M6/8.ST.RS		D6/8.ST1.RS.IP20	
		8 mm 0.315 in		8 mm 0.315 in	

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

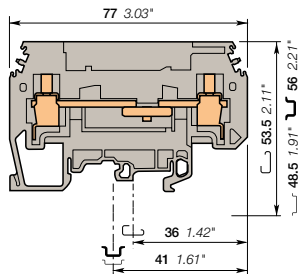
M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link

8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

Secure your disconnect operations with the disconnect sliding link operated with a screwdriver.

Ordering details

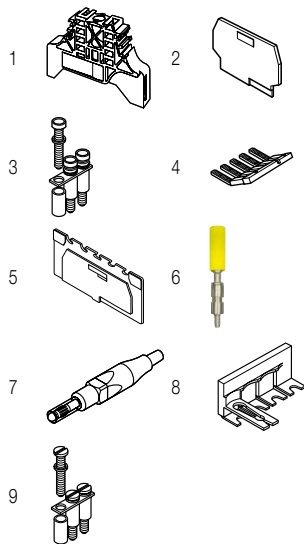
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey <input type="checkbox"/>	M6/8.ST	1SNA115236R1700	25	30.00

Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5-10 mm ² 0.5-6 mm ² A5	18 - 8 AWG	18-8 AWG	Rail Wire stripping length Screw clamp Tool Torque Disconnect device Tool Torque
Rated current / Rated cross section	40 A / 6 mm ²	30 A / 8 AWG	30 A / 8 AWG	G32, TH 35-7.5, TH 35-15	13 mm 0.51 in Flat screwdriver Ø 5 mm Ø 0.197 in 0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated short-time withstand current (1s)	720 A				
Rated voltage	630 V	150 V	150 V		Flat screwdriver Ø 3.5 mm Ø 0.138 in 0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage					
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

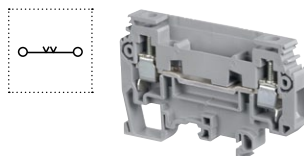
CE	RoHS	UL	CSA	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMT2	1SNA113629R2700	10	2.00
3 Jumper bars		BJS8-20	1SNA174789R0500	5	3.20
4 Lateral jumper bars 50 A	Black <input type="checkbox"/>	PC8-10	1SNA163313R2400	10	14.00
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		PC8-R4	1SNA400724R0300	10	4.50
5 Circuit separators	Grey <input type="checkbox"/>	SCFT2	1SNA114522R0500	20	
6 Test sockets	Yellow <input type="checkbox"/>	AJS9	1SNA179726R0200	25	5.00
	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500	25	3.60
	Green <input type="checkbox"/>	AJS9-2	1SNA206681R0200	25	3.60
	Grey <input type="checkbox"/>	AJS9-3	1SNA206682R0300	25	3.60
	Blue <input type="checkbox"/>	AJS9-4	1SNA206683R0400	25	3.60
	Red <input type="checkbox"/>	AJS9-5	1SNA206720R1400	25	3.60
		AL4-M3	1SNA206721R0100	50	1.10
7 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
8 Short circuit bridges	Yellow <input type="checkbox"/>	SC-JB8-2	1SNK900652R0000	25	2.00
		SC-JB8-3	1SNK900653R0000	25	3.40
		SC-JB8-4	1SNK900654R0000	25	4.70
9 Fastening kits		EV8S	1SNA168401R0300	20	3.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

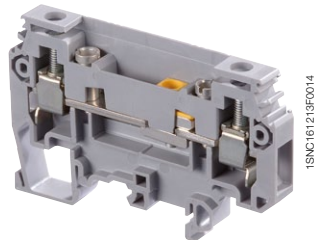
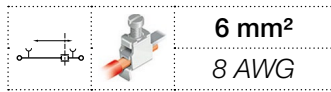
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with M6/8.ST...	Grey <input type="checkbox"/>	M6/8.ST7	1SNA115243R2600	25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

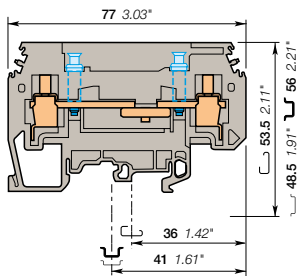
M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link

8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	M6/8.ST1	1SNA115237R1000	25	30.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²	18 - 8 AWG	18-8 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	13 mm 0.51 in
	Gauge	A5			Screw clamp Tool	Flat screwdriver Ø 5 mm Ø 0.197 in
Rated current / Rated cross section		40 A / 6 mm ²	30 A / 8 AWG	30 A / 8 AWG	Torque	0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated short-time withstand current (1s)		720 A			Disconnect device Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated voltage		630 V	150 V	150 V	Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage						
Protection			NEMA			

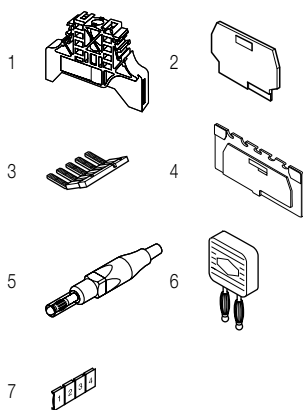
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMT2	1SNA113629R2700	10	2.00
3 Lateral jumper bars 50 A	Black <input type="checkbox"/>	PC8-10	1SNA163313R2400	10	14.00
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		PC8-R4	1SNA400724R0300	10	4.50
4 Circuit separators	Grey <input type="checkbox"/>	SCFT2	1SNA114522R0500	20	
5 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
6 Short circuit plugs		BP8-A4	1SNA173888R2000	10	
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

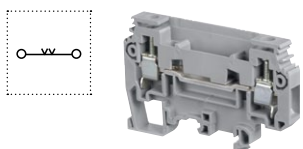
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with M6/8.ST...	Grey <input type="checkbox"/>	M6/8.ST7	1SNA115243R2600	25	20.00

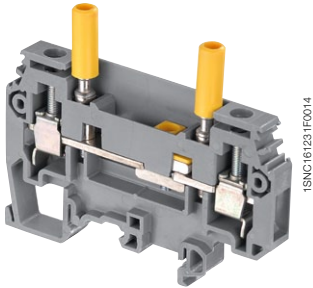
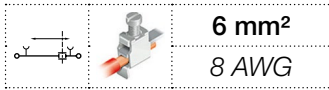
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



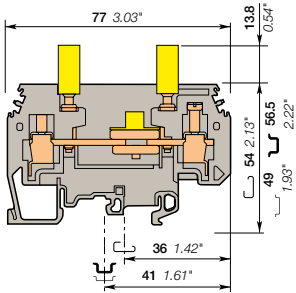
M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link

8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

- Terminal blocks especially designed for current transformers circuits;
- Easy and secured current measurement thanks to the two built-in test yellow sockets compatible with IP20 DIA 4 mm 0.157 in test plugs,
- Convenient short-circuit operations with the PCS sliding short circuiting bridges from 2 to 4 poles,
- Tests sockets available as well in black, green, grey and blue.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With two yellow test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	M6/8.ST1.IP20	1SNA115971R1000	25	40.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5 - 10 mm ² 0.5 - 6 mm ² A5	18 - 8 AWG 18 - 8 AWG
Rated current / Rated cross section	40 A / 6 mm ²	30 A / 8 AWG	30 A / 8 AWG
Rated short-time withstand current (1s)	720 A		
Rated voltage	630 V	150 V	150 V
Impulse withstand voltage	8000 V		
Protection	IP20	NEMA 1	

Mounting instructions

	Tool	Value
Rail	G32, TH 35-7.5, TH 35-15	
Wire stripping length		13 mm 0.51 in
Screw clamp	Flat screwdriver	Ø 3.5 mm Ø 0.138 in
Tool		0.8 - 1 N.m 7.1 - 8.9 lb.in
Torque		
Disconnect device	Flat screwdriver	Ø 3.5 mm Ø 0.138 in
Tool		0.5 N.m 4.45 lb.in
Torque		
Test socket	Flat screwdriver	Ø 3.5 mm Ø 0.138 in
Tool		0.6 N.m 5.34 lb.in
Torque		

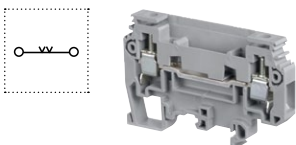
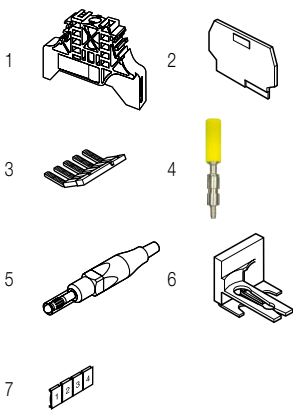
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	USR	CSA	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FEMT2	1SNA113629R2700	10	2.00	
3 Lateral jumper bars 50 A	Black <input type="checkbox"/>	PC8-10	1SNA163313R2400	10	14.00	
		PC8-R1	1SNA400711R0600	10	6.60	
		PC8-R2	1SNA400712R0700	10	7.84	
		PC8-R3	1SNA400713R0000	10	9.00	
		PC8-R4	1SNA400724R0300	10	4.50	
		4 Test sockets	DIA 4 mm 0.157 in IP20	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500
Green <input type="checkbox"/>	AJS9-2			1SNA206681R0200	25	3.60
Grey <input type="checkbox"/>	AJS9-3			1SNA206682R0300	25	3.60
Blue <input type="checkbox"/>	AJS9-4			1SNA206683R0400	25	3.60
Red <input type="checkbox"/>	AJS9-5			1SNA206720R1400	25	3.60
5 Test plugs	DIA 4 mm 0.157 in IP20	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
		Yellow <input type="checkbox"/>	SC-JB8-2	1SNK900652R0000	25	2.00
6 Short circuit bridges	2 poles		SC-JB8-3	1SNK900653R0000	25	3.40
	3 poles		SC-JB8-4	1SNK900654R0000	25	4.70
	4 poles					
7 Terminal block markers	Blank card	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

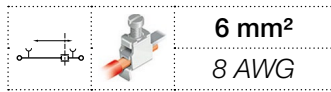
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with M6/8.ST...	Grey <input type="checkbox"/>	M6/8.ST7	1SNA115243R2600	25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

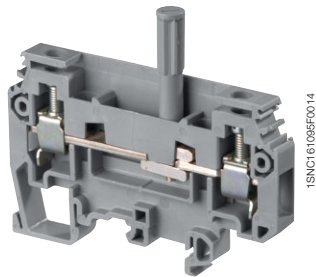
M6/8.ST screw clamp terminal blocks

Test disconnect with insulated rod sliding link

8 mm 0.315 in spacing

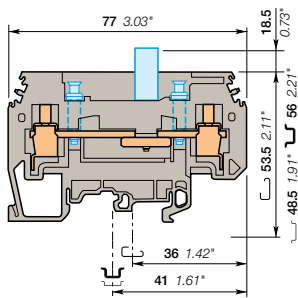


6 mm²
8 AWG



1SNC161059F0014

M6/8.ST



8 mm 0.315 in spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the two independent built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	M6/8.ST3	1SNA115239R2200	25	30.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp			
Rigid - Solid / Stranded	0.5-10 mm ²	18 - 8 AWG	18-8 AWG
Flexible with insulated ferrule	0.5-6 mm ²		
Gauge	A5		
Rated current / Rated cross section	40 A / 6 mm ²	30 A / 8 AWG	30 A / 8 AWG
Rated short-time withstand current (1s)	720 A		
Rated voltage	630 V	150 V	150 V
Impulse withstand voltage			
Protection		NEMA	

Mounting instructions

	Diagram	Specifications
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		
Screw clamp Tool		Flat screwdriver Ø 5 mm Ø 0.197 in
Torque		0.8 - 1 N.m 7.1 - 8.9 lb.in
Disconnect device Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

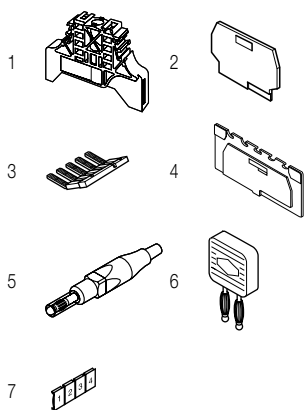
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CE	RoHS RoHS	UL ULR	CSA	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEMT2	1SNA113629R2700	10	2.00
3 Lateral jumper bars 50 A	Black <input type="checkbox"/>	PC8-10	1SNA163313R2400	10	14.00
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		PC8-R4	1SNA400724R0300	10	4.50
4 Circuit separators 3 mm 0.118 in	Grey <input type="checkbox"/>	SCFT2	1SNA114522R0500	20	
5 Test plugs DIA 4 mm 0.157 in IP20	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
6 Short circuit plugs DIA 4 mm 0.157 in		BP8-A4	1SNA173888R2000	10	
7 Terminal block markers Blank card	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

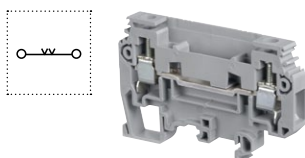
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Feed-through screw clamp terminal blocks

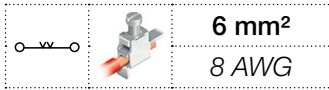
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with M6/8.ST...	Grey <input type="checkbox"/>	M6/8.ST7	1SNA115243R2600	25	20.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

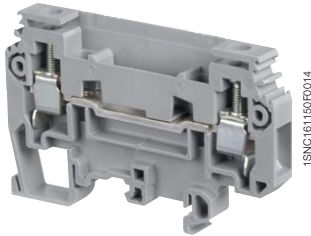


M6/8.ST screw clamp terminal blocks

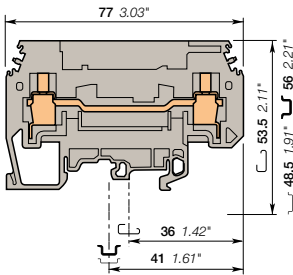
Feed-through - 8 mm 0.315 in spacing



6 mm²
8 AWG



M6/8.ST



8 mm 0.315 in spacing

Description

Profile aligned with M6/8 ST.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	M6/8.ST7	1SNA115243R2600	25	20.00

Main technical data

	IEC	UL	CSA	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5-10 mm ² 0.5-6 mm ² A5	18 - 8 AWG	18-8 AWG
Rated current / Rated cross section	40 A / 6 mm ²	40 A / 8 AWG	40 A / 8 AWG	
Rated short-time withstand current (1s)	720 A			
Rated voltage	630 V	150 V	150 V	
Impulse withstand voltage				
Protection		NEMA		

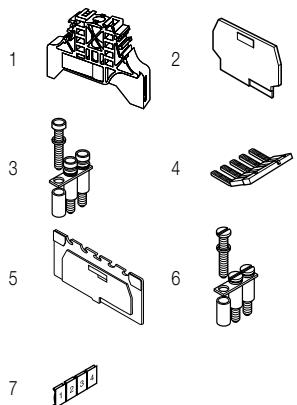
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		13 mm 0.51 in
Tool		Flat screwdriver Ø 5 mm Ø 0.197 in
Torque		0.8 - 1 N.m 7.1 - 8.9 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMT2	1SNA113629R2700	10	2.00
3 Jumper bars		BJS8-20	1SNA174789R0500	5	3.20
4 Lateral jumper bars	Black <input type="checkbox"/>	PC8-2	1SNA116538R1700	10	3.00
		PC8-3	1SNA116539R1000	10	4.00
		PC8-4	1SNA116540R2500	10	6.00
		PC8-10	1SNA163313R2400	10	14.00
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		PC8-R4	1SNA400724R0300	10	4.50
5 Circuit separators	Grey <input type="checkbox"/>	SCFT2	1SNA114522R0500	20	
6 Fastening kits		EV8S	1SNA168401R0300	20	3.00
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

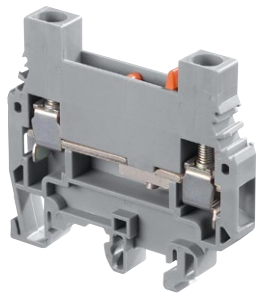
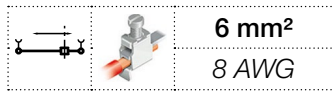
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

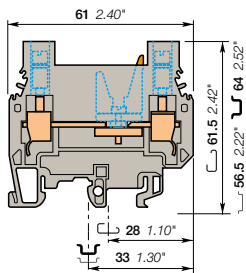
M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link

8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

- Compact disconnect terminal blocks:
- Secure your disconnect operations with the disconnect orange sliding link operated with a screwdriver,
- Ease your test operations with the two built-in test sockets screws compatible with DIA 4 mm 0.157 in test plugs.

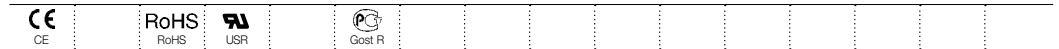
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	M6/8.STA	1SNA115359R0200	25	30.00

Main technical data

	IEC	UL	CSA		
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²	22 - 8 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²		Wire stripping length	11 mm 0.43 in
	Gauge	A5		Screw clamp Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated current / Rated cross section	30 A / 6 mm ²	50 A / 8 AWG		Torque	0.8 - 1 N.m 7.1 - 8.9 lb.in
Rated short-time withstand current (1s)	480 A			Disconnect device: Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage	500 V	600 V		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage					
Protection	IP20	NEMA 1			

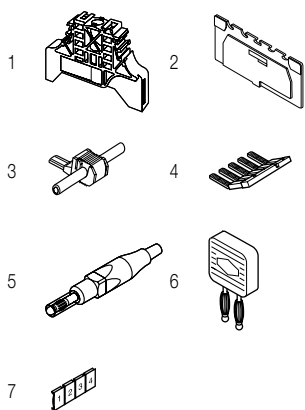
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	10 mm 0.394 in	BAM2	1SNA206351R1600	50 12.00
		9 mm 0.354 in	BADL	1SNA399903R0200	50 4.70
2 End sections	Grey <input type="checkbox"/>	3 mm 0.118 in	FEMT4	1SNA114778R0500	10 5.60
			FEMSTA	1SNA116979R2100	10 3.60
3 Jumper bars	Grey <input type="checkbox"/>	1 poles 24 A	AD2.5	1SNA114205R2000	50 1.60
4 Lateral jumper bars	Black <input checked="" type="checkbox"/>	2 poles 50 A	PC8-2	1SNA116538R1700	10 3.00
		3 poles	PC8-3	1SNA116539R1000	10 4.00
		4 poles	PC8-4	1SNA116540R2500	10 6.00
		10 poles	PC8-10	1SNA163313R2400	10 14.00
5 Test plugs	Red <input checked="" type="checkbox"/>	DIA 4 mm 0.157 in IP20	FC4-1	1SNA167927R1000	10 11.00
6 Short circuit plugs			BP8.A4	1SNA173888R2000	10
7 Terminal block markers	White <input type="checkbox"/>	Blank card	RC810	1SNA234000R0200	1 8.20

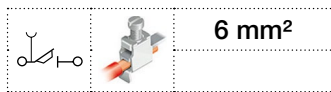
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



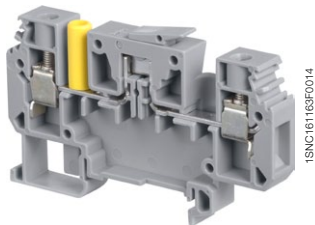
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/10.SNBTB screw clamp terminal blocks

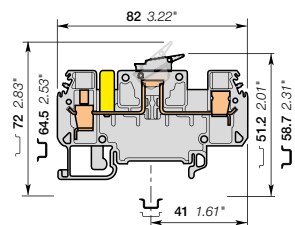
Test disconnect with blade - 10 mm 0.394 in spacing



6 mm²



D6/10.SNBTB



10 mm 0.394 in spacing

Description

- Ease your disconnect operations with the disconnect blade,
- Ease your test operations with built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 1 isolated test socket DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	D6/10.SNBTB1	1SNA115928R1500	20	25.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	12 mm 0.47 in
	Gauge	A5			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
					Torque	0.8 N.m 7.1 lb.in
Rated current / Rated cross section		15 A / 6 mm ²				
Rated short-time withstand current (1s)		720 A				
Rated voltage		500 V				
Impulse withstand voltage		6000 V				
Protection		IP20		NEMA 1		

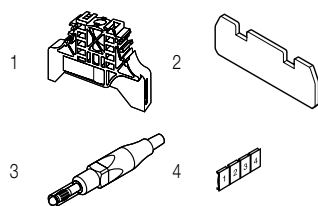
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FED10S1	1SNA215999R2100	20	3.35
3 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
4 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

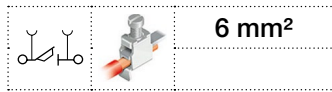
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



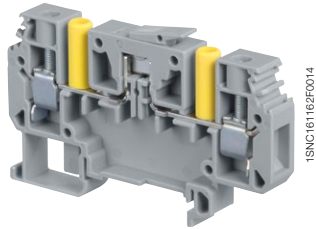
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D6/10.SNBTB screw clamp terminal blocks

Test disconnect with blade - 10 mm 0.394 in spacing

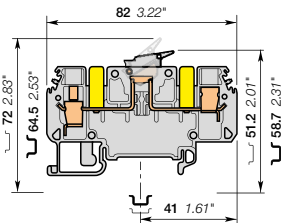


6 mm²



1SNC161162F0014

D6/10.SNBTB



7

10 mm 0.394 in spacing

Description

- Ease your disconnect operations with the disconnect blade,
- Ease your test operations with built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 isolated test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	D6/10.SNBTB2	1SNA115929R1600	20	25.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	12 mm 0.47 in
	Gauge	A5			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
					Torque	0.8 N.m 7.1 lb.in
Rated current / Rated cross section		15 A / 6 mm ²				
Rated short-time withstand current (1s)		720 A				
Rated voltage		500 V				
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

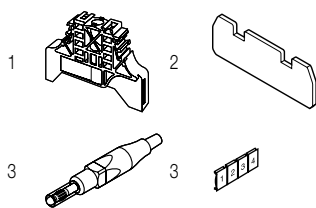
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	10 mm 0.394 in	BAM2	1SNA206351R1600	50 12.00
		9 mm 0.354 in	BADL	1SNA399903R0200	50 4.70
2 End sections	Grey <input type="checkbox"/>	2 mm 0.079 in	FED10S1	1SNA215999R2100	20 3.35
3 Test plugs	Red <input type="checkbox"/>	DIA 4 mm 0.157 in IP20	FC4-1	1SNA167927R1000	10 11.00
4 Terminal block markers	White <input type="checkbox"/>	Blank card	RC1010	1SNA238000R1600	1 1.30

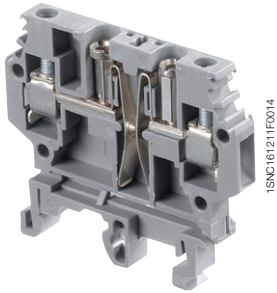
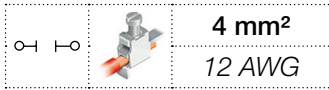
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



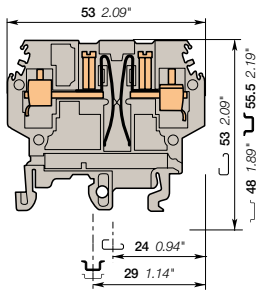
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

M4/6.ST screw clamp terminal blocks

Test disconnect with plug - 6 mm 0.236 in spacing



M4/6.ST



6 mm 0.236 in spacing

Description

- Test disconnect terminal blocks operated with plug,
- Dedicated "make before break" plug for current circuit (green plug) or "break before make" for voltage circuit (red plug).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Tinned contact blades	Grey <input type="checkbox"/> M4/6.ST.Sn	1SNA115313R1400	20	14.00
	Gold contact blades	M4/6.ST.Au	1SNA115314R1500	20	14.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.5 - 4 mm ²	22-12 AWG	Rail G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5 - 4 mm ²		Wire stripping length 9.5 mm 0.374 in
	Gauge	A4		Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section	5 A / 4 mm ²		5 A / 12 AWG	Torque 0.5 - 0.8 Nm 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)	480 A			
Rated voltage	500 V		150 V	
Impulse withstand voltage				
Protection	IP10	NEMA		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Utilization of each type of plug

Number of operations : 200

On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

	BNT1 ("voltage" plug)	BNT2 ("polarity" plug)	BNT3 ("current" plug)
1 st step: the plug cuts the circuit. 2 nd step: the test circuit connection is made.	Plug not equipped with pins cuts the circuit.	1 st step: the test circuit is established 2 nd step: the plug opens the circuit.	

Accessories

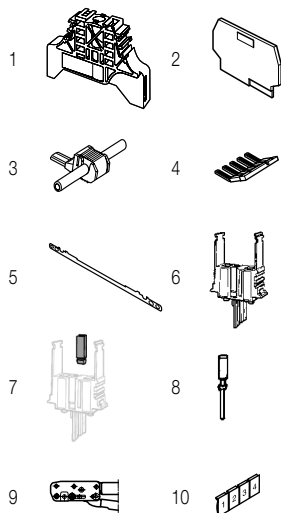
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	10 mm 0.394 in	Grey <input type="checkbox"/> BAM2	1SNA206351R1600	50	12.00
	9 mm 0.354 in	BADL	1SNA399903R0200	50	4.70
2 End sections	2.5 mm 0.098 in	Grey <input type="checkbox"/> FEMT3	1SNA114328R2200	20	2.70
3 Jumper bars	1 poles 24 A	Grey <input type="checkbox"/> AD2.5	1SNA114205R2000	50	1.60
4 Lateral jumper bars	10 poles 35 A	PC61-10	1SNA163311R2200	10	5.00
5 Shield connectors		CBM5	1SNA178745R1400	50	
6 Short circuit plugs	"Polarity" plug	Grey <input type="checkbox"/> BNT2	1SNA114329R2300	20	3.00
	"Voltage" plug	Red <input type="checkbox"/> BNT1	1SNA199135R1700	20	8.00
	"Current" plug	Green <input type="checkbox"/> BNT3	1SNA199136R1000	20	8.00
7 Assembly pins for plugs		CVABM	1SNA183436R0500	10	0.40
8 Pins	0.5 mm ² 24-20 AWG	BRC-0.5	1SNA174558R0500	10	1.40
	1 mm ² 18 AWG	BRC-1	1SNA173906R2200	10	2.00
	1.5 mm ² 16 AWG	BRC-1.5	1SNA173907R2300	10	2.00
	2.5 mm ² 14 AWG	BRC-2.5	1SNA173908R0400	10	2.00
	4 mm ² 12 AWG	BRC-4	1SNA174601R0100	10	2.00
9 Tools	Connecting capacity: 1 to 2.5 mm ²	PSC	1SNA173181R1300	1	
10 Terminal block markers	Blank card	White <input type="checkbox"/> RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

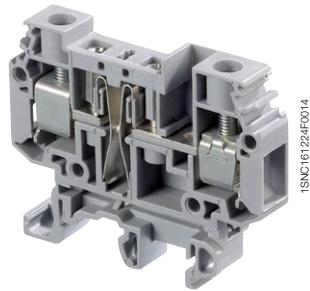
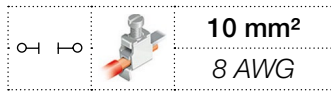
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

Technical data valid for copper conductors only.

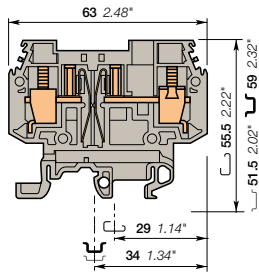


M10/10.ST-Sn screw clamp terminal blocks

Test disconnect with plug - 10 mm 0.394 in spacing



M10/10.ST-Sn



10 mm 0.394 in spacing

Description

- Test disconnect terminal blocks operated with plug,
- Dedicated "make before break" plug for current circuit (green plug) or "break before make" for voltage circuit (red plug).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Tinned contact blades	Grey <input type="checkbox"/>	M10/10.ST-Sn	1SNA115539R1700	20	27.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
					Rail	G32, TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5-16 mm ² 0.5-10 mm ²		8 AWG	Wire stripping length	12 mm 0.472 in
		B6			Tool	Flat screwdriver Ø 5.5 - 6 mm Ø 0.217 - 0.236 in
Rated current / Rated cross section		15 A / 10 mm ²		10 A / 8 AWG		
Rated short-time withstand current (1s)		1200 A				
Rated voltage		500 V		300 V	Torque	1.2 - 1.4 Nm 10.6 - 12.3 lb.in
Impulse withstand voltage						
Protection		IP20		NEMA 1		

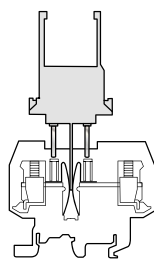
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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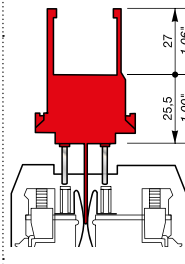
Utilization of each type of plug

Number of operations : 200

On request, the plugs can be replaced by an insertable printed circuit for diagnosis testing.

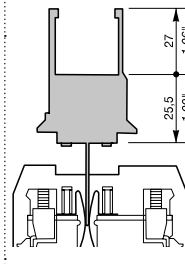


BNT1 ("voltage" plug)



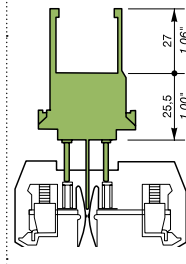
1st step: the plug cuts the circuit.
2nd step: the test circuit connection is made.

BNT2 ("polarity" plug)



Plug not equipped with pins cuts the circuit.

BNT3 ("current" plug)



1st step: the test circuit is established
2nd step: the plug opens the circuit.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMT5	1SNA116781R1300	20	3.00
3 Jumper bars		BJMI10-2	1SNA176675R0400	10	5.00
		BJMI10-3	1SNA176676R0500	10	8.00
		BJMI10-4	1SNA176677R0600	10	11.00
		BJMI10-5	1SNA176678R1700	10	13.00
		BJMI10-10	1SNA176679R1000	10	27.00
4 Lateral jumper bars		PC10-10	1SNA163315R2600	10	23.00
5 Shield connectors		CBM5	1SNA178745R1400	50	
6 Short circuit plugs	Grey <input type="checkbox"/>	BNT2	1SNA114329R2300	20	3.00
	Red <input type="checkbox"/>	BNT1	1SNA199135R1700	20	8.00
	Green <input type="checkbox"/>	BNT3	1SNA199136R1000	20	8.00
7 Assembly pins for plugs		CVABM1	1SNA116783R1500	20	
8 Pins		BRC-0.5	1SNA174558R0500	10	1.40
		BRC-1	1SNA173906R2200	10	2.00
		BRC-1.5	1SNA173907R2300	10	2.00
		BRC-2.5	1SNA173908R0400	10	2.00
		BRC-4	1SNA174601R0100	10	2.00
9 Tools		PSC	1SNA173181R1300	1	
10 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet.

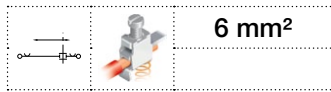
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

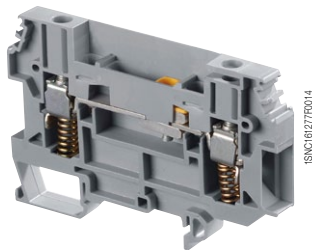
Technical data valid for copper conductors only.

D6/8.ST.RS spring loaded screw clamp terminal blocks

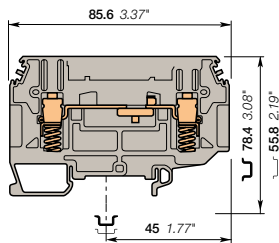
Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



6 mm²



D6/8.ST.RS



8 mm 0.315 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

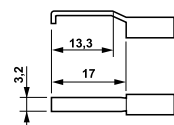
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey <input type="checkbox"/>	D6/8.ST.RS	1SNA115914R0700	32	28.00

Main technical data

		IEC	BS TS 5018	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	16 mm 0.51 in
Lugs	Flexible		0.28-2.5 mm ²		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A5				
Rated current / Rated cross section		24 A / 6 mm ²			Torque	0.8 - 1 Nm 7.1 - 8.9 lb.in
Rated short-time withstand current (1s)		720 A				
Rated voltage		400 V				
Impulse withstand voltage		6000 V				
Protection		NEMA				

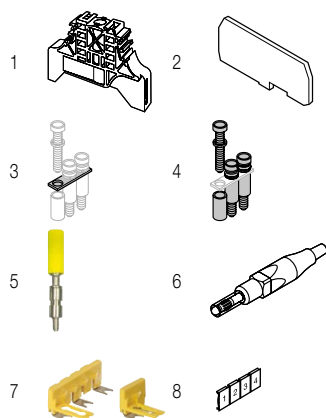
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Each wire clamp holds up to 2 bent lugs as shown (not supplied)

Accessories



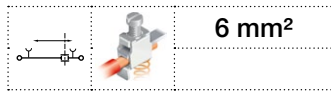
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00		
		BADL	1SNA399903R0200	50	4.70		
2 End sections	Grey <input type="checkbox"/>	FEM8T6	1SNA215266R0100	10	4.40		
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	41 A	BJS8	1SNA164581R1300	10	3.10
		3 poles			1SNA164582R1400	10	3.10
		4 poles			1SNA164583R1500	10	3.10
		20 poles			BJS8-20	1SNA174789R0500	5
4 Fastening kits		Sub assembly post + screw + washer	EV6I	1SNA206394R0200	20	2.00	
5 Test sockets	Yellow <input type="checkbox"/>	AJS9	1SNA179726R0200	25	3.60		
	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500	25	3.60		
	Green <input type="checkbox"/>	AJS9-2	1SNA206681R0200	25	3.60		
	Grey <input type="checkbox"/>	AJS9-3	1SNA206682R0300	25	3.60		
	Blue <input type="checkbox"/>	AJS9-4	1SNA206683R0400	25	3.60		
	Red <input type="checkbox"/>	AJS9-5	1SNA206720R1400	25	3.60		
			AL4-M3	1SNA206721R0100	50	1.10	
6 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00		
7 Short circuit bridges	Yellow <input type="checkbox"/>	SC-JB8-2	1SNK900652R0000	25	2.00		
		SC-JB8-3	1SNK900653R0000	25	3.40		
		SC-JB8-4	1SNK900654R0000	25	4.70		
8 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

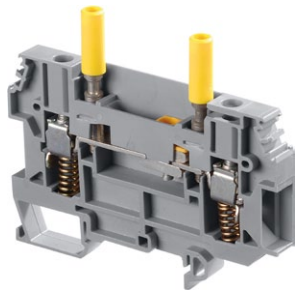
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D6/8.ST.RS spring loaded screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing

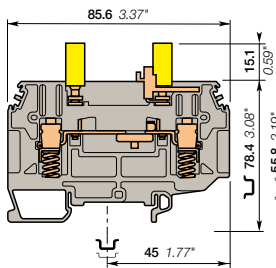


6 mm²



1SNC161233R0014

D6/8.ST.RS



7

8 mm 0.315 in spacing

Description

- Mainly dedicated to energy markets for security purposes on CT circuits,
- Security: specific shape in linking bar to lock the ferrule, spring clamp can maintain contact pressure even if screw clamp is loose.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 yellow test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	D6/8.ST1.RS.IP20	1SNA115831R0400	32	38.00

Main technical data

		IEC	BS TS 5018	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-6 mm ²			Wire stripping length	16 mm 0.51 in
Lugs	Flexible		0.28-2.5 mm ²		Screw clamp Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A5			Torque	0.8 - 1 Nm 7.1 - 8.9 lb.in
Rated current / Rated cross section		24 A / 6 mm ²			Disconnect device Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated short-time withstand current (1s)		720 A				
Rated voltage		400 V			Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage		6000 V				
Protection				NEMA	Test socket Tool	Ø 3.5 mm Ø 0.138 in
					Torque	0.6 N.m 5.34 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R							
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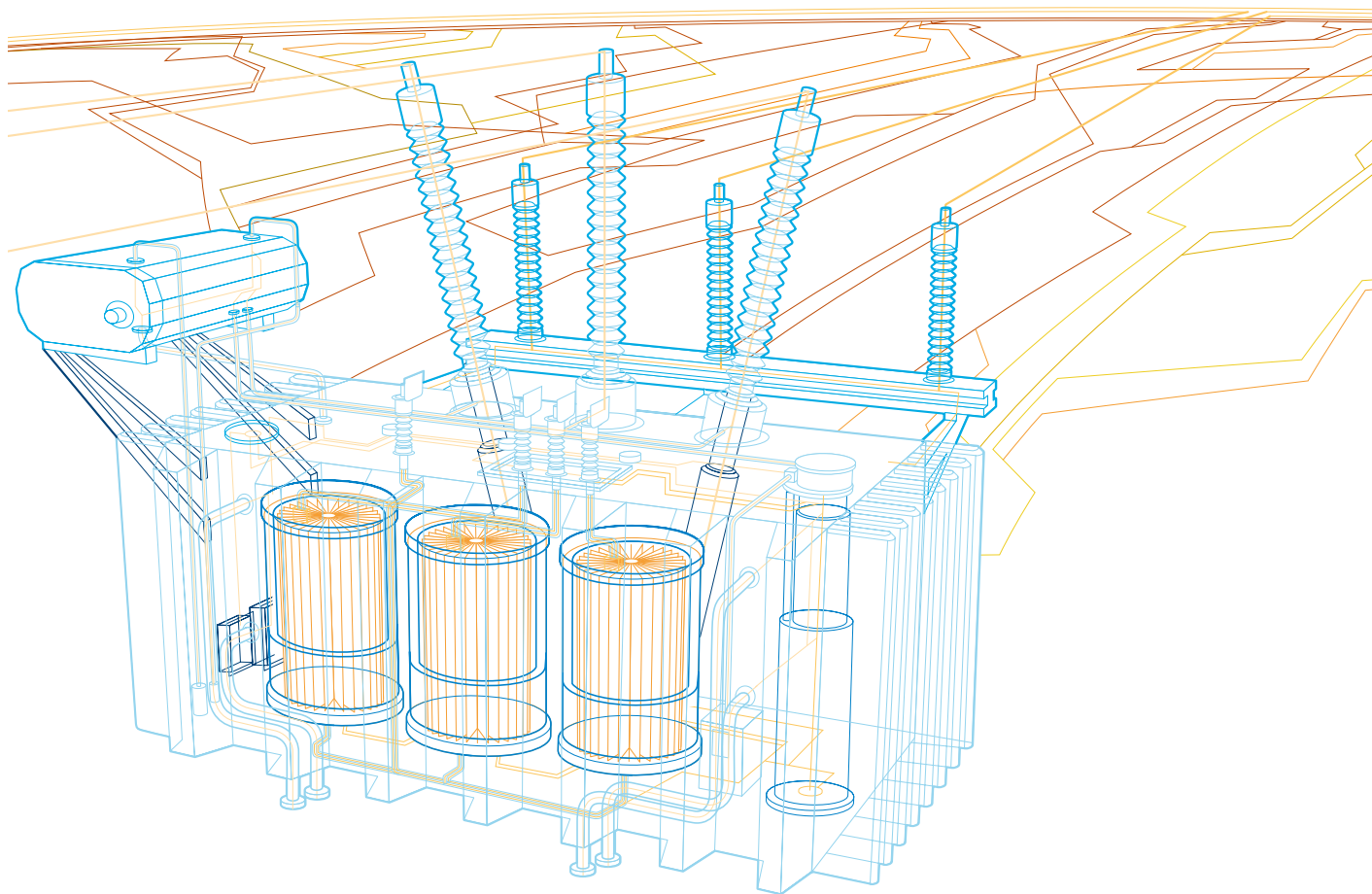


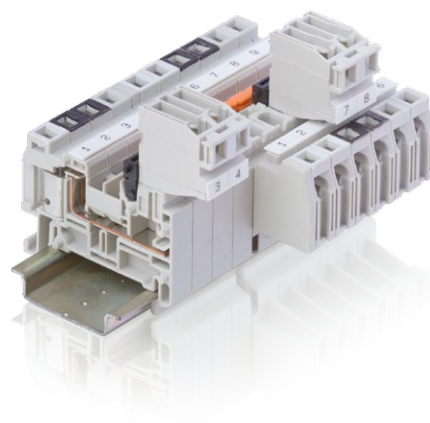
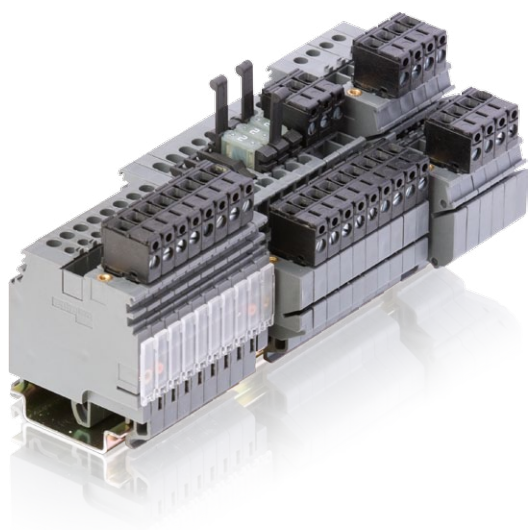
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM8T6	1SNA215266R0100	10	4.40
3 Jumper bars	Grey <input type="checkbox"/>	AD2.5	1SNA114205R2000	50	1.60
4 Test sockets	Black <input type="checkbox"/>	AJS9-1	1SNA206680R1500	25	3.60
	Green <input type="checkbox"/>	AJS9-2	1SNA206681R0200	25	3.60
	Grey <input type="checkbox"/>	AJS9-3	1SNA206682R0300	25	3.60
	Blue <input type="checkbox"/>	AJS9-4	1SNA206683R0400	25	3.60
	Red <input type="checkbox"/>	AJS9-5	1SNA206720R1400	25	3.60
5 Test plugs	Red <input type="checkbox"/>	FC4-1	1SNA167927R1000	10	11.00
6 Short circuit bridges	Yellow <input type="checkbox"/>	SC-JB8-2	1SNK900652R0000	25	2.00
		SC-JB8-3	1SNK900653R0000	25	3.40
		SC-JB8-4	1SNK900654R0000	25	4.70
		Blank card	RC810	1SNA234000R0200	1

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

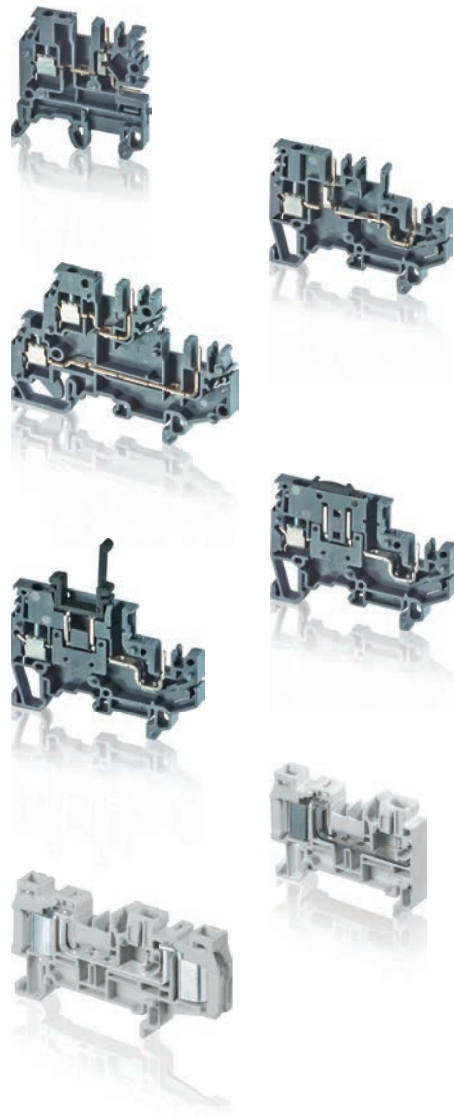
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.





Solution series, terminal blocks

Pluggable



Technologies presentation	166
Overview	167

Screw clamp technology

Feed-through

2.5 mm ² / 12 AWG	MA2.5/5-CPE		168
	MA2.5/5-2CPE		170

Double deck

2.5 mm ² / 12 AWG	MA2.5/5D2-2CPE	2 feed-through circuits	172
	MA2.5/5.D-2CPE	1 feed-through circuit	173

Disconnect with blade

2.5 mm ² / 12 AWG	MA2.5/5-SNB-CPE		174
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Fuse

2.5 mm ² / 12 AWG	MA2.5/5-SFA-CPE		175
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ADO technology

Feed-through

1.5 mm ² / 16 AWG	D1.5/7.ADO-CPE	1 ADO - 1 pluggable	176
	D1.5/7.2ADO-CPE	2 ADO - 1 pluggable	178
2.5 mm ² / 14 AWG	D2.5/7.ADO-CPE	1 ADO - 1 pluggable	177
	D2.5/7.2ADO-CPE	2 ADO - 1 pluggable	179

Solution series, terminal blocks

Pluggable



Optimize your equipment assembly process!

ABB's pluggable terminal blocks offer the possibility to use pre-assembled cables and connectors which improve wiring efficiency.

Pluggable technology offers following advantages:

- Wiring can be pre-defined and pre-tested before final assembling
- During assembling, the pre-assembled cables help in saving time (plug & play solution) and reduce wiring errors
- During servicing, rail assemblies or components can be quickly replaced.

The preferred solution for OEM's and panel builders handling cabinets made of multiple separate modules.



RoHS

ISO 9001
ISO 14001



A large choice of solutions and technologies

Screw clamp pluggable technology

ABB's screw clamp pluggable range combines the advantage of a fast connection associated with the standard easy to use screw technology.

The range features various functions such as : feed-through, neutral, double deck, disconnect and fuse.

PI-Spring screwless pluggable technology

Our PI-Spring pluggable range combines fast assembly and fast wiring thanks to our exclusive tool-free direct insertion connection technology.

The range features functions adapted to OEM's applications such as 2 jumper channels for distribution, testing, high density wiring with dual connection on both side.

Find more in our SNK series catalog.

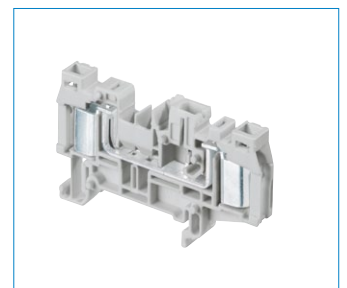
ADO System® screwless pluggable technology

Combines fast assembly with the Fastest and the Most Reliable Connection on the Market.

Our ADO System® range features high ratings 4 mm²/24 A max and high density wiring with dual connection and up to 2 wires per ADO System® connection.



Screw clamp pluggable terminal block

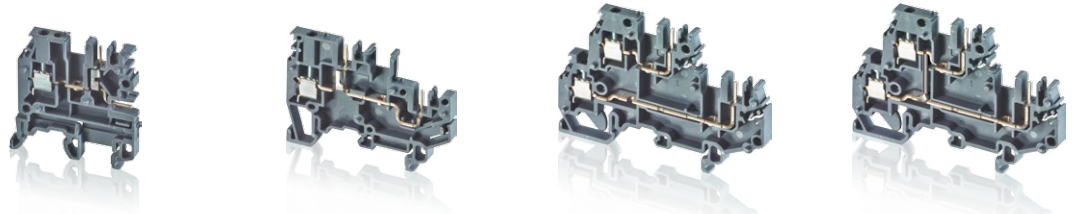


ADO System® pluggable terminal block

Solution series, terminal blocks

Pluggable

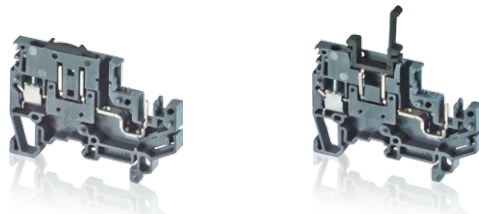
Screw clamp technology



Feed-through

Double deck

Section					
IEC	UL/CSA				
2.5 mm ²	12 AWG				
		MA2.5/5-CPE 5 mm 0.197 in	MA2.5/5-2CPE 5 mm 0.197 in	MA2.5/5D2-2CPE 5 mm 0.197 in	MA2.5/5.D-2CPE 5 mm 0.197 in

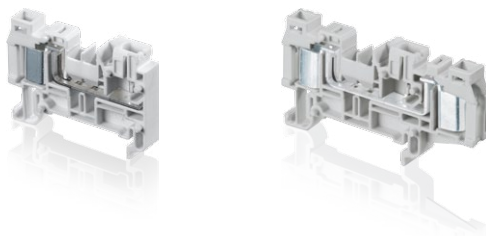


Disconnect with blade

Fuse

Section			
IEC	UL/CSA		
2.5 mm ²	12 AWG		
		MA2.5/5-SNB-CPE 5 mm 0.197 in	MA2.5/5-SFA-CPE 5 mm 0.197 in

ADO technology



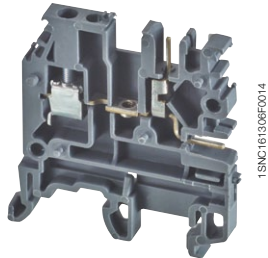
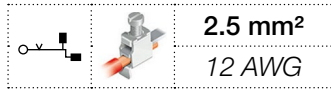
Feed-through

Section			
IEC	UL/CSA		
1.5 mm ²	16 AWG		
		D1.5/7.ADO-CPE 7.62 mm 0.300 in	D1.5/7.2ADO-CPE 7.62 mm 0.300 in
2.5 mm ²	14 AWG	D2.5/7.ADO-CPE 7.62 mm 0.300 in	D2.5/7.2ADO-CPE 7.62 mm 0.300 in

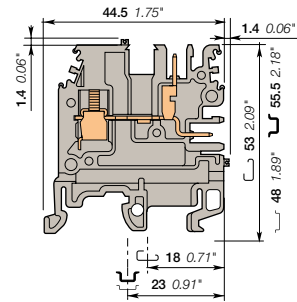
All the technical data for UL/CSA standard and dimensions in inches are in italic.

MA2.5/5-CPE pluggable terminal blocks

Feed-through - 5.08 mm 0.200 in spacing



MA2.5/5-CPE



5.08 mm 0.200 in spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	MA2.5/5-CPE	1SNA400814R0000	50	7.00
	Blue <input type="checkbox"/>	MA2.5/5-CPE	1SNA400827R0000	50	7.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG
	Flexible with insulated ferrule	0.22-2.5 mm ²	
	Gauge	A3	
Rated current / Rated cross section	12 A / 2.5 mm ²	10 A / 12 AWG	
Rated short-time withstand current (1s)	300 A		
Rated voltage	320 V	300 V	
Impulse withstand voltage	4000 V		
Protection	IP20	NEMA 1	

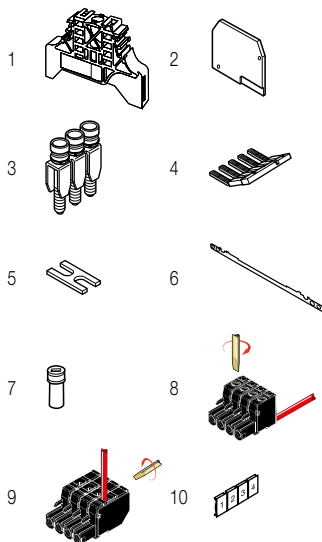
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm 0.33 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	Gost R

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM6	1SNA400824R0000	20	2.40
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	1SNA176278R1600	10	3.30
		3 poles	1SNA176279R1700	10	5.00
		4 poles	1SNA176280R0500	10	6.70
		10 poles	1SNA176282R2300	10	16.90
4 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles	1SNA113542R1000	10	1.80
		10 poles	1SNA113544R1200	10	6.00
5 Cross spacing jumpers		EL6	1SNA173627R2100	10	0.10
6 Shield connectors		CBM5	1SNA178745R1400	50	
7 Coding pegs		COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
8 Female plugs wires parallel	Black <input type="checkbox"/>	2 poles	1SNA094302R2100	120	3.20
		3 poles	1SNA094303R2200	80	4.80
		4 poles	1SNA094304R2300	60	6.40
		10 poles	1SNA094310R2400	20	16.00
9 Female plugs wires perpendicular	Black <input type="checkbox"/>	2 poles	1SNA094352R2200	120	3.80
		3 poles	1SNA094353R2300	80	5.70
		4 poles	1SNA094354R2400	60	7.60
		10 poles	1SNA094360R0600	20	19.00
10 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

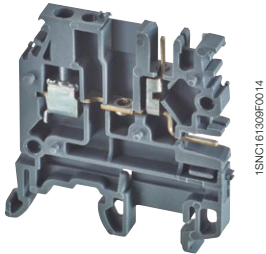
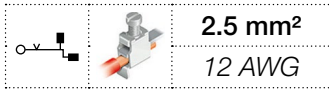
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

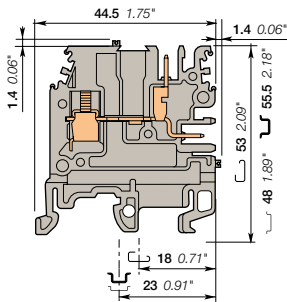
Technical data valid for copper conductors only.

MA2.5/5-CPE pluggable terminal blocks

Feed-through - 5.08 mm 0.200 in spacing



MA2.5/5-CPE



5.08 mm 0.200 in spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 feed-through circuit with partition	Grey <input type="checkbox"/>	MA2.5/5-CPE.1	1SNA400822R0000	50	7.00

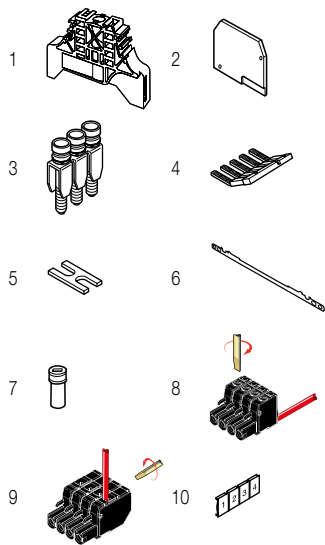
Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-2.5 mm ² A3	24-12 AWG	Rail G32, TH 35-7.5, TH 35-15 Wire stripping length 8.5 mm 0.33 in Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section	12 A / 2.5 mm ²	10 A / 12 AWG		
Rated short-time withstand current (1s)	300 A			
Rated voltage	320 V	300 V		
Impulse withstand voltage	4000 V			
Protection	IP20	NEMA 1		Torque 0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	10 mm	BAM2	1SNA206351R1600	50 12.00
		9 mm	BADL	1SNA399903R0200	50 4.70
2 End sections	Grey <input type="checkbox"/>	2.8 mm	FEM6	1SNA400824R0000	20 2.40
3 Jumper bars	Grey <input type="checkbox"/>	2 poles	BJM5-2	1SNA176278R1600	10 3.30
		3 poles	BJM5-3	1SNA176279R1700	10 5.00
		4 poles	BJM5-4	1SNA176280R0500	10 6.70
		10 poles	BJM5-10	1SNA176282R2300	10 16.90
4 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles	PC5-2	1SNA113542R1000	10 1.80
		10 poles	PC5-10	1SNA113544R1200	10 6.00
5 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in	EL6	1SNA173627R2100	10 0.10
6 Shield connectors			CBM5	1SNA178745R1400	50
7 Coding pegs			COCF 32	1SNA173660R1600	10 0.10
			COC 1	1SNA299777R1600	10
8 Female plugs wires parallel	Black <input type="checkbox"/>	5.08 mm 0.200 in 2 poles	CPFT2/2	1SNA094302R2100	120 3.20
		3 poles	CPFT2/3	1SNA094303R2200	80 4.80
		4 poles	CPFT2/4	1SNA094304R2300	60 6.40
		10 poles	CPFT2/10	1SNA094310R2400	20 16.00
9 Female plugs wires perpendicular	Black <input type="checkbox"/>	5.08 mm 0.200 in 2 poles	CPFT2/R-2	1SNA094352R2200	120 3.80
		3 poles	CPFT2/R-3	1SNA094353R2300	80 5.70
		4 poles	CPFT2/R-4	1SNA094354R2400	60 7.60
		10 poles	CPFT2/R-10	1SNA094360R0600	20 19.00
10 Terminal block markers	White <input type="checkbox"/>	Blank card	RC510	1SNA231000R0700	1 5.20

Complete list of accessories is indicated in the terminal block datasheet.

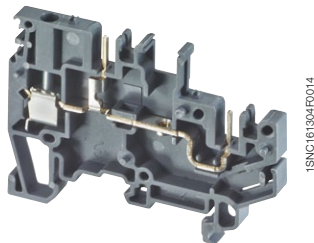
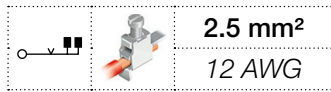
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

Technical data valid for copper conductors only.

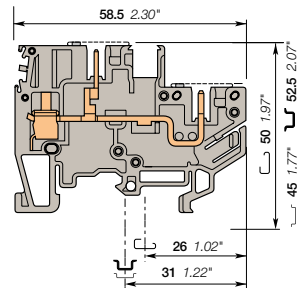
MA2.5/5-2CPE pluggable terminal blocks

Feed-through - 5.08 mm 0.200 in spacing



1SNC161304F014

MA2.5/5-2CPE



5.08 mm 0.200 in spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	MA2.5/5-2CPE	1SNA400817R0000	50	7.00
	Blue <input type="checkbox"/>	MA2.5/5-2CPE	1SNA125711R1500	50	7.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp			
Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG	
Flexible with insulated ferrule	0.22-2.5 mm ²		
Gauge	A3		
Rated current / Rated cross section	12 A / 2.5 mm ²	10 A / 12 AWG	
Rated short-time withstand current (1s)	300 A		
Rated voltage	320 V	300 V	
Impulse withstand voltage	4000 V		
Protection	IP20	NEMA 1	

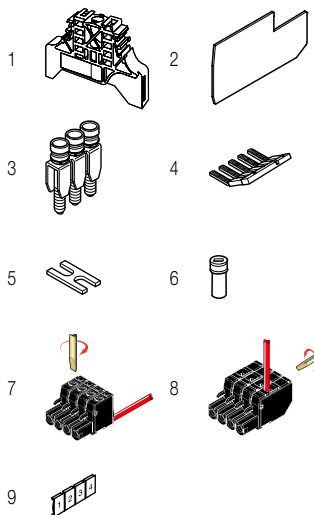
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm 0.394 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	Gost R

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 End sections	Grey <input type="checkbox"/>	FE2CPE	1SNA400826R0000	20	2.50	
3 Jumper bars	Grey <input type="checkbox"/>	2 poles 24 A	BJMI5-2	1SNA176278R1600	10	3.30
		3 poles	BJMI5-3	1SNA176279R1700	10	5.00
		4 poles	BJMI5-4	1SNA176280R0500	10	6.70
		5 poles	BJMI5-5	1SNA176281R2200	10	8.40
		10 poles	BJMI5-10	1SNA176282R2300	10	16.90
4 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 30 A	PC5-2	1SNA113542R1000	10	1.80
		10 poles	PC5-10	1SNA113544R1200	10	6.00
5 Cross spacing jumpers		EL6	1SNA173627R2100	10	0.10	
6 Coding pegs		COCF 32	1SNA173660R1600	10	0.10	
		COC 1	1SNA299777R1600	10		
7 Female plugs wires parallel	Black <input type="checkbox"/>	2 poles	CPFT2/2	1SNA094302R2100	120	3.20
		3 poles	CPFT2/3	1SNA094303R2200	80	4.80
		4 poles	CPFT2/4	1SNA094304R2300	60	6.40
		10 poles	CPFT2/10	1SNA094310R2400	20	16.00
8 Female plugs wires perpendicular	Black <input type="checkbox"/>	2 poles	CPFT2/R-2	1SNA094352R2200	120	3.80
		3 poles	CPFT2/R-3	1SNA094353R2300	80	5.70
		4 poles	CPFT2/R-4	1SNA094354R2400	60	7.60
		10 poles	CPFT2/R-10	1SNA094360R0600	20	19.00
9 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20	

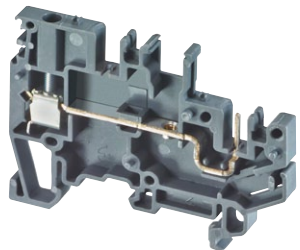
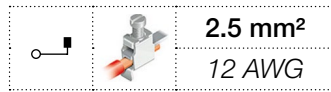
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

Technical data valid for copper conductors only.

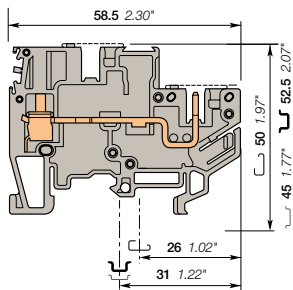
MA2.5/5-2CPE pluggable terminal blocks

Feed-through - 5.08 mm 0.200 in spacing



1SNC16131TF0014

MA2.5/5-2CPE



5.08 mm 0.200 in spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 feed-through circuit for use in combination with disconnect blocks	Grey <input type="checkbox"/>	MA2.5/5-2CPE1-Pb	1SNA400821R0000	50	7.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG	
	Flexible with insulated ferrule	0.22-2.5 mm ²		
	Gauge	A3		
Rated current / Rated cross section		12 A / 2.5 mm ²	10 A / 12 AWG	
Rated short-time withstand current (1s)		300 A		
Rated voltage		320 V	300 V	
Impulse withstand voltage		4000 V		
Protection		IP20	NEMA 1	

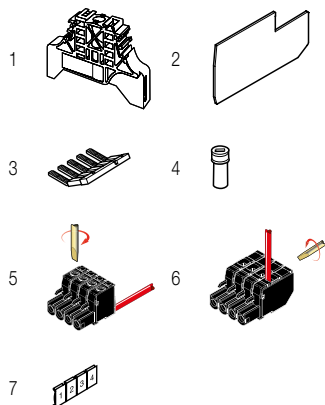
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm 0.394 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	Gost R

Accessories



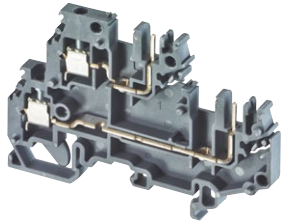
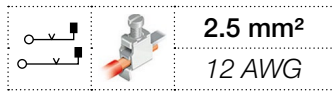
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FE2CPE	1SNA400826R0000	20	2.50
3 Lateral jumper bars	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
4 Coding pegs		COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
5 Female plugs wires parallel	Black <input type="checkbox"/>	CPFT2/2	1SNA094302R2100	120	3.20
		CPFT2/3	1SNA094303R2200	80	4.80
		CPFT2/4	1SNA094304R2300	60	6.40
		CPFT2/10	1SNA094310R2400	20	16.00
6 Female plugs wires perpendicular	Black <input type="checkbox"/>	CPFT2/R-2	1SNA094352R2200	120	3.80
		CPFT2/R-3	1SNA094353R2300	80	5.70
		CPFT2/R-4	1SNA094354R2400	60	7.60
		CPFT2/R-10	1SNA094360R0600	20	19.00
7 Terminal block markers	White <input type="checkbox"/>	Blank card	RC510	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

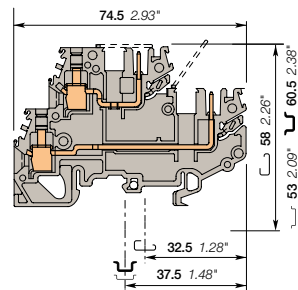
MA2.5/5D-2CPE pluggable terminal blocks

Double deck with 2 feed-through circuits - 5.08 mm 0.200 in spacing



1SNIC161022F0014

MA2.5/5D-2CPE



5.08 mm 0.200 in spacing

Description

- Save space with double deck terminal blocks,
- Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 feed-through circuits	Grey <input type="checkbox"/>	MA2.5/5.D2-2CPE	1SNA400813R0000	50	12.00
	Blue <input type="checkbox"/>	MA2.5/5.D2-2CPE	1SNA125961R1000	50	12.00

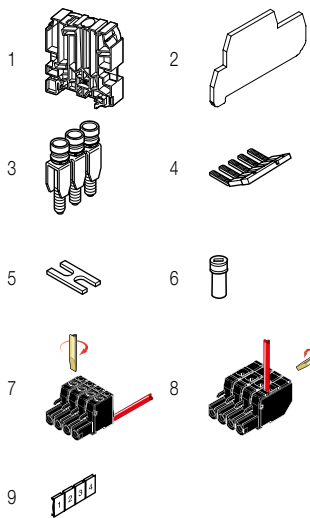
Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG	Rail G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-2.5 mm ²		Wire stripping length 10 mm 0.394 in
	Gauge	A3		Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section	12 A / 2.5 mm ²	10 A / 12 AWG		Torque 0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)	300 A			
Rated voltage	320 V	300 V		
Impulse withstand voltage	4000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

	RoHS								
CE	RoHS	UL	Gost R						

Accessories



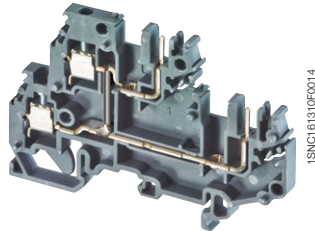
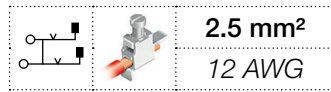
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 2.54 mm 0.100 in	Grey <input type="checkbox"/>	FEDCP	1SNA400825R0000	20	3.50
3 Jumper bars 2 poles 24 A		BJMI5-2	1SNA176278R1600	10	3.30
		BJMI5-3	1SNA176279R1700	10	5.00
		BJMI5-4	1SNA176280R0500	10	6.70
		BJMI5-10	1SNA176282R2300	10	16.90
4 Lateral jumper bars 2 poles 30 A	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Coding pegs		COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
		CPFT2/2	1SNA094302R2100	120	3.20
8 Female plugs wires parallel 5.08 mm 0.200 in	Black <input checked="" type="checkbox"/>	CPFT2/3	1SNA094303R2200	80	4.80
		CPFT2/4	1SNA094304R2300	60	6.40
		CPFT2/10	1SNA094310R2400	20	16.00
		CPFT2/R-2	1SNA094352R2200	120	3.80
9 Female plugs wires perpendicular 5.08 mm 0.200 in	Black <input checked="" type="checkbox"/>	CPFT2/R-3	1SNA094353R2300	80	5.70
		CPFT2/R-4	1SNA094354R2400	60	7.60
		CPFT2/R-10	1SNA094360R0600	20	19.00
9 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

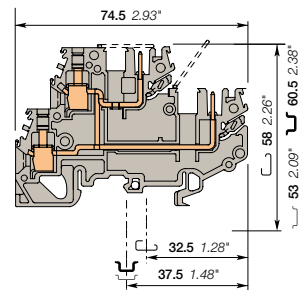
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

MA2.5/5D-2CPE pluggable terminal blocks

Double deck with 1 feed-through circuit - 5.08 mm 0.200 in spacing



MA2.5/5D-2CPE



5.08 mm 0.200 in spacing

Description

- Save space with double deck terminal blocks,
- Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	MA2.5/5.D-2CPE	1SNA400823R0000	50	12.00

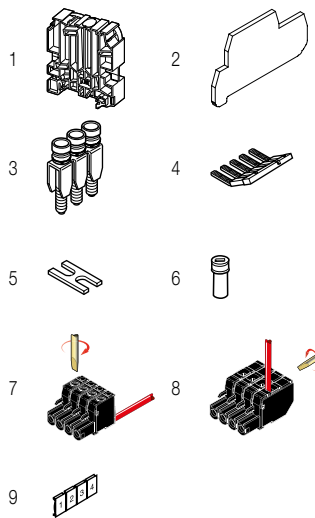
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-2.5 mm ²			Wire stripping length	10 mm 0.394 in
	Gauge	A3			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		12 A / 2.5 mm ²	10 A / 12 AWG		Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		300 A				
Rated voltage		320 V	300 V			
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories



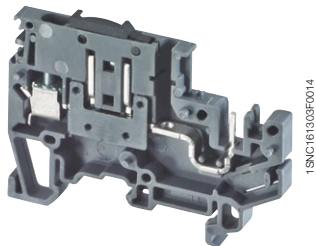
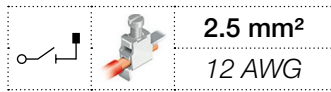
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 2.54 mm 0.100 in	Grey <input type="checkbox"/>	FEDCP	1SNA400825R0000	20	3.50
3 Jumper bars 2 poles 24 A		BJM5-2	1SNA176278R1600	10	3.30
		BJM5-3	1SNA176279R1700	10	5.00
		BJM5-4	1SNA176280R0500	10	6.70
		BJM5-10	1SNA176282R2300	10	16.90
4 Lateral jumper bars 2 poles	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Coding pegs		COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
7 Female plugs wires parallel 5.08 mm 0.200 in	Black <input type="checkbox"/>	CPFT2/2	1SNA094302R2100	120	3.20
		CPFT2/3	1SNA094303R2200	80	4.80
		CPFT2/4	1SNA094304R2300	60	6.40
		CPFT2/10	1SNA094310R2400	20	16.00
		CPFT2/R-2	1SNA094352R2200	120	3.80
8 Female plugs wires perpendicular 5.08 mm 0.200 in	Black <input type="checkbox"/>	CPFT2/R-3	1SNA094353R2300	80	5.70
		CPFT2/R-4	1SNA094354R2400	60	7.60
		CPFT2/R-10	1SNA094360R0600	20	19.00
9 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

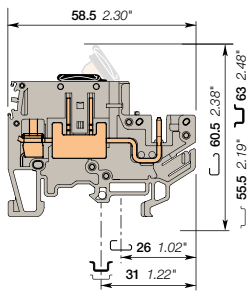
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

MA2.5/5-SNB-CPE pluggable terminal blocks

Disconnect with blade - 5.08 mm 0.200 in spacing



MA2.5/5-SNB-CPE



5.08 mm 0.200 in spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with CPFT2 plugs connected to the pluggable terminal blocks outputs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect 1 feed-through circuit	Grey	MA2.5/5-SNB-CPE	1SNA400815R0000	50	7.00

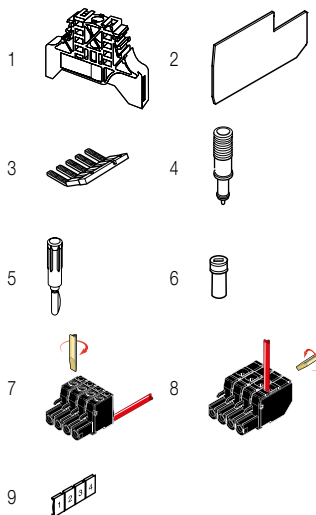
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-2.5 mm ²			Wire stripping length	10 mm 0.394 in
	Gauge	A3			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		10 A / 2.5 mm ²	10 A / 12 AWG		Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		120 A				
Rated voltage		320 V	300 V			
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	RoHS	UL	CSA	RoHS	UL	CSA
CE	RoHS	UL	CSA	RoHS	UL	CSA	RoHS	UL	CSA

Accessories



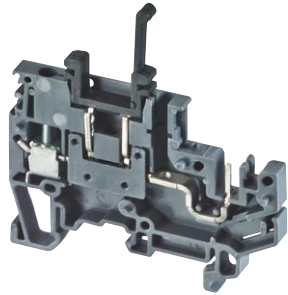
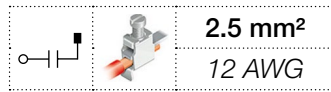
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FE2CPE	1SNA400826R0000	20	2.50
3 Lateral jumper bars	Grey	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
4 Test adapters	Blue	DCB	1SNA105028R2100	10	20.00
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Coding pegs	Black	COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
		CPFT2/2	1SNA094302R2100	120	3.20
7 Female plugs wires parallel	Black	CPFT2/3	1SNA094303R2200	80	4.80
		CPFT2/4	1SNA094304R2300	60	6.40
		CPFT2/10	1SNA094310R2400	20	16.00
		CPFT2/R-2	1SNA094352R2200	120	3.80
		CPFT2/R-3	1SNA094353R2300	80	5.70
8 Female plugs wires perpendicular	Black	CPFT2/R-4	1SNA094354R2400	60	7.60
		CPFT2/R-10	1SNA094360R0600	20	19.00
		CPFT2/R-10	1SNA094360R0600	20	19.00
9 Terminal block markers	White	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

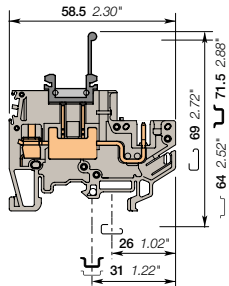
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

MA2.5/5-SFA-CPE pluggable terminal blocks

Disconnect with fuse - with test socket - 5.08 mm 0.200 in spacing



MA2.5/5-SFA-CPE



5.08 mm 0.200 in spacing

Description

- Protect your control circuits with miniFuse terminal blocks,
- Gain in flexibility, reliability and simplicity thanks to the pluggable terminal blocks,
- Plug & play connection through pre-wired harnesses equipped with CPFT2 plugs.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse 1 feed-through circuit	Grey <input type="checkbox"/>	MA2.5/5-SFA-CPE	1SNA400816R0000	50	7.00

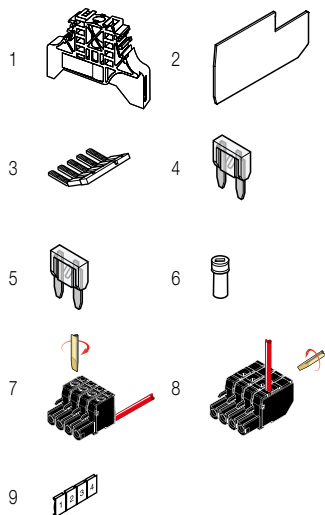
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	24-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-2.5 mm ²			Wire stripping length	10 mm 0.394 in
	Gauge	A3			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		3 A / 2.5 mm ²	3 A / 12 AWG		Torque	0.4 - 0.6 Nm 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)						
Rated voltage		320 V	300 V			
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
CE	RoHS	UL	CSA	Gost R

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FE2CPE	1SNA400826R0000	20	2.50
3 Lateral jumper bars	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
4 Fuses		FUAUTO	1SNA179879R1400	10	1.00
			1SNA179880R0200	10	1.00
5 Component plugs	Black <input type="checkbox"/>	BF5AUTO	1SNA299877R0300	50	1.00
6 Coding pegs		COCF 32	1SNA173660R1600	10	0.10
		COC 1	1SNA299777R1600	10	
7 Female plugs wires parallel	Black <input type="checkbox"/>	CPFT2/2	1SNA094302R2100	120	3.20
		CPFT2/3	1SNA094303R2200	80	4.80
		CPFT2/4	1SNA094304R2300	60	6.40
		CPFT2/10	1SNA094310R2400	20	16.00
8 Female plugs wires perpendicular	Black <input type="checkbox"/>	CPFT2/R-2	1SNA094352R2200	120	3.80
		CPFT2/R-3	1SNA094353R2300	80	5.70
		CPFT2/R-4	1SNA094354R2400	60	7.60
		CPFT2/R-10	1SNA094360R0600	20	19.00
9 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

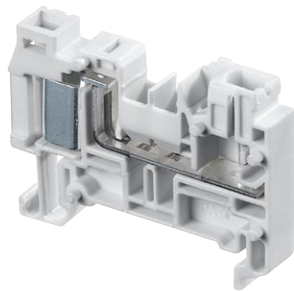
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

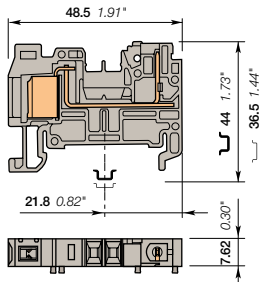
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D1.5/7.ADO-CPE pluggable terminal blocks

Feed-through ADO - pluggable - 7.62 mm 0.300 in spacing



D1.5/7.ADO-CPE



7.62 mm 0.300 in spacing

Description

- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 ADO, 1 pluggable	Grey <input type="checkbox"/>	D1.5/7.ADO-CPE	1SNA290486R2700	50	

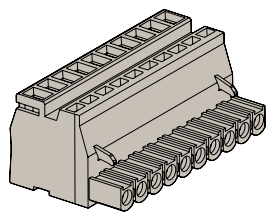
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-2.5 mm ²	22-16 AWG		Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		16 A / 1.5 mm ²	15 A / 16 AWG		Tool	
Rated short-time withstand current (1s)		180 A			Torque	
Rated voltage		500 V	300 V			
Impulse withstand voltage						
Protection		IP20	NEMA 1			

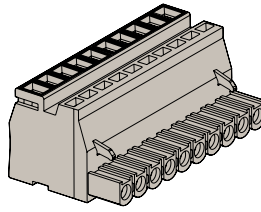
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



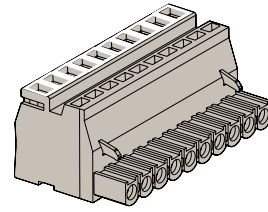
Notes



1SSA2662xxR1100



1SSA2672xxR1100

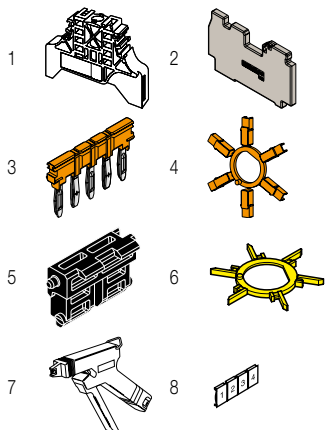


1SSA2762xxR1100

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FECPE.ADO	1SNA291832R1600	20	2.50
3 Jumper bars		BJE762.2	1SNA290451R0300	10	5.30
		BJE762.5	1SNA290452R0400	10	15.40
		BJE762.10	1SNA290453R0500	10	24.00
4 Insulating tips	Orange <input type="checkbox"/>	EIP	1SNA290454R0600	10	100.00
5 Locking devices	Black <input type="checkbox"/>	VRADO.CPE7	1SNA40063R0000	20	0.40
6 Coding pegs	Yellow <input type="checkbox"/>	COCE	1SNA199321R2100	10	1.00
7 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	Blank card	RB-12W7	50	6.00

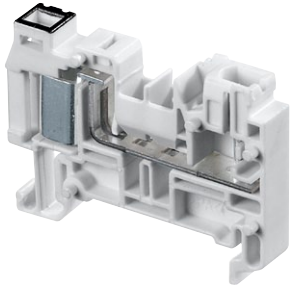
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

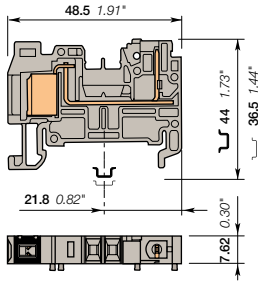
D2.5/7.ADO-CPE pluggable terminal blocks

Feed-through ADO - pluggable - 7.62 mm 0.300 in spacing



1SNC1631632F0014

D2.5/7.ADO-CPE



7.62 mm 0.300 in spacing

Description

- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 1 ADO, 1 pluggable with black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/7.ADO-CPE	1SNA290483R2400	50	8.40

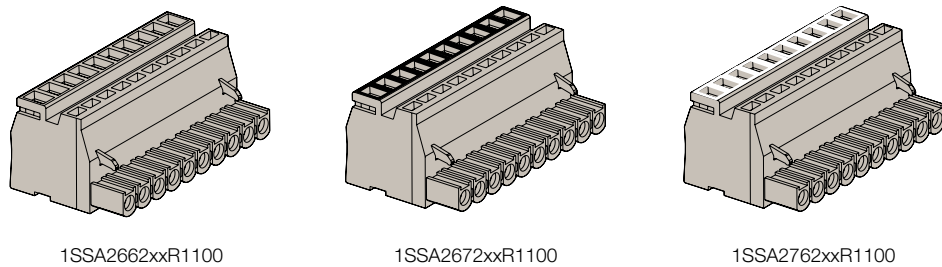
Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible 1-2.5 mm² 1-2.5 mm²	16-14 AWG		Rail TH 35-7.5, TH 35-15 Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Tool
Rated current / Rated cross section	24 A / 2.5 mm²	15 A / 14 AWG		Torque
Rated short-time withstand current (1s)	300 A			
Rated voltage	500 V	300 V		
Impulse withstand voltage Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in 9 mm 0.354 in	Grey <input type="checkbox"/>	BAM2 BADL	1SNA206351R1600 1SNA399903R0200	50 50	12.00 4.70
2 End sections 2.9 mm 0.114 in	Grey <input type="checkbox"/>	FECPE_ADO	1SNA291832R1600	20	2.50
3 Jumper bars 2 poles 5 poles 10 poles		BJE762.2 BJE762.5 BJE762.10	1SNA290451R0300 1SNA290452R0400 1SNA290453R0500	10 10 10	5.30 15.40 24.00
4 Insulating tips For jumper bars type BJE762	Orange <input type="checkbox"/>	EIP	1SNA290454R0600	10	100.00
5 Locking devices	Black <input type="checkbox"/>	VRADO.CPE7	1SNA400063R0000	20	0.40
6 Coding pegs	Yellow <input type="checkbox"/>	COCE	1SNA199321R2100	10	1.00
7 Tools Semi automatic tool Hand tool		OUPAD OUMAD	1SNA178944R0400 1SNA179466R0600	1 1	205.00 29.00
8 Terminal block markers Blank card	White <input type="checkbox"/>	RB-12W7	1SNA290455R0700	50	6.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

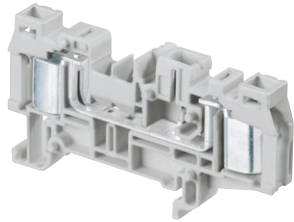
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D1.5/7.2ADO-CPE pluggable terminal blocks

Feed-through ADO - pluggable - 7.62 mm 0.300 in spacing

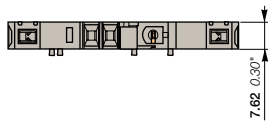
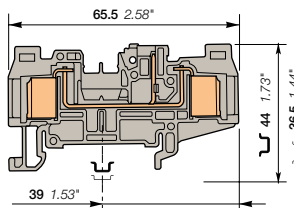


1.5 mm²
16 AWG



1SNC163161F0014

D1.5/7.2ADO-CPE



7.62 mm 0.300 in spacing

Description

- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 ADO, 1 pluggable	Grey <input type="checkbox"/>	D1.5/7.2ADO-CPE	1SNA290487R2000	50	

Main technical data

		IEC	UL	CSA	
ADO	Rigid - Solid / Stranded Flexible	0.34-1.5 mm ² 0.34-2.5 mm ²	22-16 AWG		
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				
Rated current / Rated cross section		16 A / 1.5 mm ²	15 A / 16 AWG		
Rated short-time withstand current (1s)		180 A			
Rated voltage		500 V	300 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

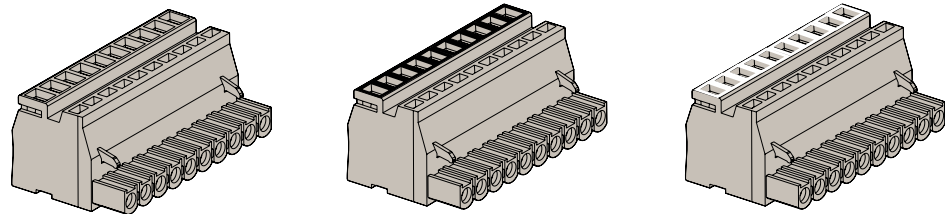
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		
Tool		
Torque		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



1SSA2662xxR1100

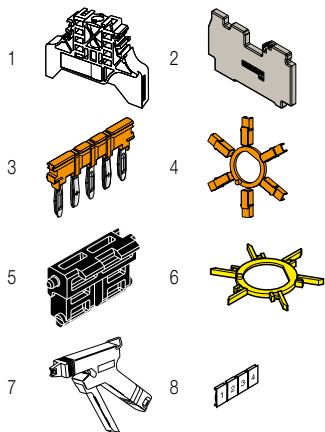
1SSA2672xxR1100

1SSA2762xxR1100

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FECPE.2ADO	1SNA291833R1700	20	2.50
3 Jumper bars		BJE762.2	1SNA290451R0300	10	5.30
		BJE762.5	1SNA290452R0400	10	15.40
		BJE762.10	1SNA290453R0500	10	24.00
4 Insulating tips	Orange <input type="checkbox"/>	EIP	1SNA290454R0600	10	100.00
5 Locking devices	Black <input type="checkbox"/>	VRADO.CPE7	1SNA400063R0000	20	0.40
6 Coding pegs	Yellow <input type="checkbox"/>	COCE	1SNA199321R2100	10	1.00
7 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	Blank card	RB-12W7	50	6.00

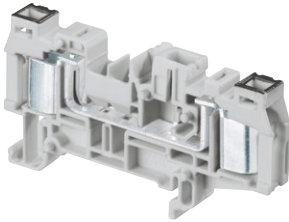
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



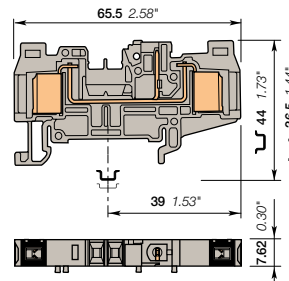
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/7.2ADO-CPE pluggable terminal blocks

Feed-through ADO - pluggable - 7.62 mm 0.300 in spacing



D2.5/7.2ADO-CPE



7.62 mm 0.300 in spacing

Description

- Disconnect terminal blocks allow easy opening, maintenance and current or voltage testing without disconnecting the wiring,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 ADO, 1 pluggable with black marking for wire size 1-2.5 mm² (16-14 AWG)	Grey <input type="checkbox"/>	D2.5/7.2ADO-CPE	1SNA290484R2500	50	11.00

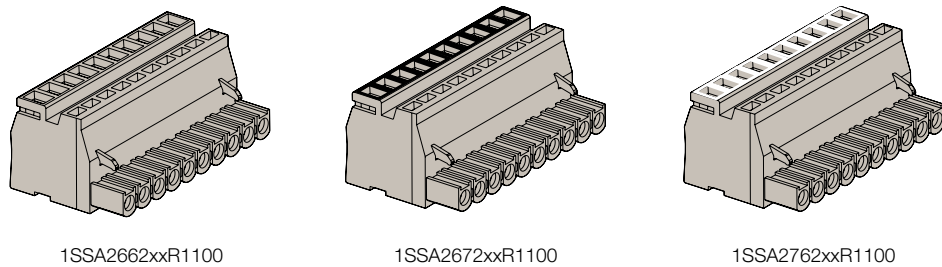
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	1-2.5 mm² 1-2.5 mm²	16-14 AWG		Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		24 A / 2.5 mm²	15 A / 14 AWG		Tool	
Rated short-time withstand current (1s)		300 A			Torque	
Rated voltage		500 V	300 V			
Impulse withstand voltage Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes

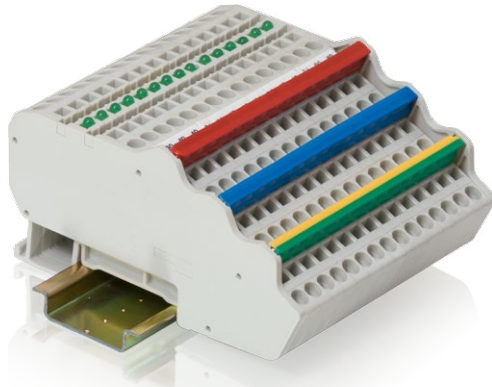


Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FECPE 2ADO	1SNA291833R1700	20	2.50
3 Jumper bars		2 poles BJE762.2	1SNA290451R0300	10	5.30
		5 poles BJE762.5	1SNA290452R0400	10	15.40
		10 poles BJE762.10	1SNA290453R0500	10	24.00
4 Insulating tips	Orange <input type="checkbox"/>	EIP	1SNA290454R0600	10	100.00
5 Locking devices	Black <input type="checkbox"/>	VRADO.CPE7	1SNA400063R0000	20	0.40
6 Coding pegs	Yellow <input type="checkbox"/>	COCE	1SNA199321R2100	10	1.00
7 Tools		Semi automatic tool OUPAD	1SNA178944R0400	1	205.00
		Hand tool OUMAD	1SNA179466R0600	1	29.00
8 Terminal block markers	White <input type="checkbox"/>	Blank card RB-12W7	1SNA290455R0700	50	6.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



Solution series, terminal blocks

Sensors / Actuators



Technologies presentation	182
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Screw clamp technology

3 wire sensor

2.5 mm ² / 12 AWG	D2.5/6.D		184
	D2.5/6.DL	With red led	185
	D2.5/6.DAL	With green led	186

Thermocouple

MTC6	187
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Spring clamp technology

3 wire sensor

1.5 mm ² / 16 AWG	D2.5/5.C3.L		188
	D2.5/5.C3.L.L	With green led	189

4 wire sensor

1.5 mm ² / 16 AWG	D2.5/5.C4.L		190
	D2.5/5.C4.L.L	With green led	191

ADO-ADO technology

3 wire sensor

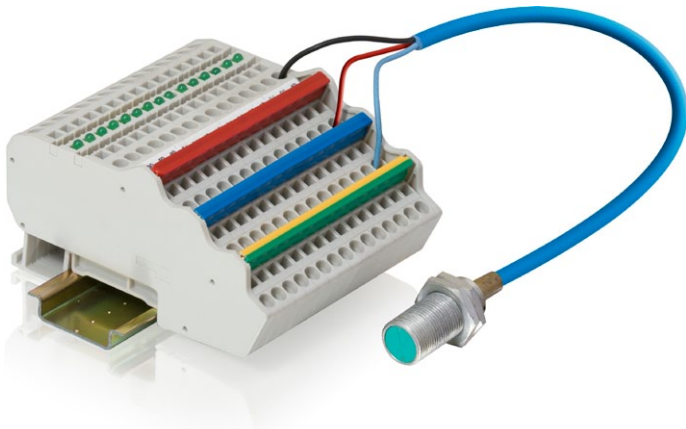
1 mm ² / 20 AWG	D1/5.C3.ADO		192
	D1/5.C3.ADO.L	With green led	193

4 wire sensor

1 mm ² / 20 AWG	D1/5.C4.ADO		194
	D1/5.C4.ADO.L	With green led	195

Solution series, terminal blocks

Sensors / Actuators



The smart choice for process automation applications

Process automation applications typically require the use of a large number of digital or analog signals and sensors. The space constraint is often an issue in regards to this large volume of signals to handle.

ABB sensor and actuator terminal blocks reduce the installation costs, speed the wiring and ease commissioning thanks to:

- Compact multi deck terminals blocks for 3 & 4 wire sensors
- Potentials distribution via jumper (positive, negative, ground)
- Signal indication via LED for circuit status indication.

Select from our large choice of solutions and technologies

Classic and compact screw clamp terminal blocks

The product family features very compact dimensions. It is the preferred choice for small junction boxes when panel height is a constraints. Our terminals are compatible with:

- 2 wire and 3 wire sensors
- PNP & NPN sensors.

Convenient and ergonomic spring clamp terminal blocks

The product family features popular spring technology particularly appreciated in process industry.

Our product family offers:

- Compatibility with 2, 3 and 4 wire sensors
- Compatibility: with NPN and PNP sensors thanks to bidirectional LED indicators
- Color coded 34 poles plug-in jumpers adapted to popular PLC I/O cards configurations (8, 16, 32 channels).

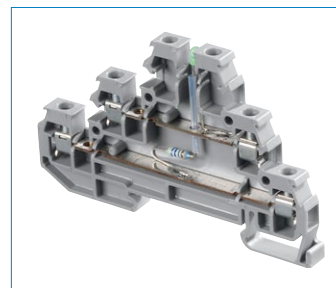
ADO System® terminal blocks: experience the fastest and most reliable connection on the market

Our exclusive ADO System® combines speed on connection with top reliability of connection. Our product family offers:

- Compatibility with 2, 3 and 4 wire sensors
- Compatibility: with NPN and PNP sensors thanks to bidirectional LED indicators
- Color coded 66 poles plug-in jumpers adapted to all PLC I/O cards configurations (8,16, 32 & 64 channels).

Universal thermocouple terminal block

This terminal block allows connection of all types of temperature thermocouple sensors. Its exclusive design allows thermocouple wire extension with no loss of signal integrity. Learn more in the related page of our catalog.



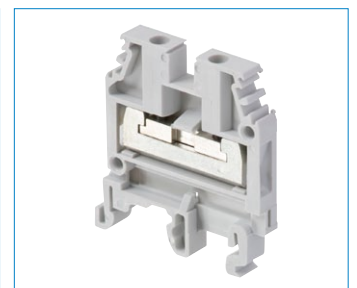
Screw clamp terminal block



Spring terminal block



ADO System® terminal block

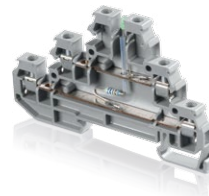


Thermocouple terminal block

Solution series, terminal blocks

Sensors / Actuators

Screw clamp technology

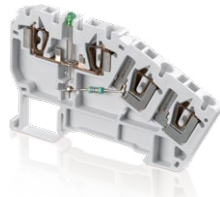


3 wire sensor

Thermocouple

Section					
IEC	UL/CSA				
2.5 mm ²	12 AWG	D2.5/6.D 6 mm 0.236 in	D2.5/6.DL 6 mm 0.236 in	D2.5/6.DAL 6 mm 0.236 in	MTC6 6 mm 0.236 in

Spring clamp technology

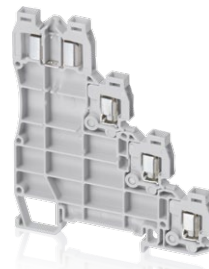


3 wire sensor

4 wire sensor

Section					
IEC	UL/CSA				
1.5 mm ²	16 AWG	D2.5/5.C3.L 5 mm 0.197 in	D2.5/5.C3.L.L 5 mm 0.197 in	D2.5/5.C4.L 5 mm 0.197 in	D2.5/5.C4.L.L 5 mm 0.197 in

ADO-ADO technology



3 wire sensor

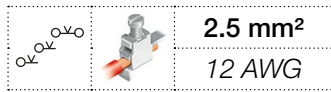
4 wire sensor

Section					
IEC	UL/CSA				
1 mm ²	20 AWG	D1/5.C3.ADO 5 mm 0.197 in	D1/5.C3.ADO.L 5 mm 0.197 in	D1/5.C4.ADO 5 mm 0.197 in	D1/5.C4.ADO.L 5 mm 0.197 in

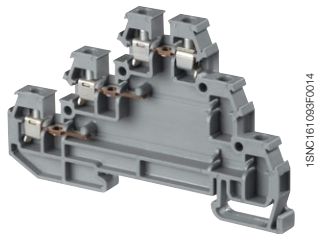
All the technical data for UL/CSA standard and dimensions in inches are in italic.

D2.5/6.D screw clamp terminal blocks

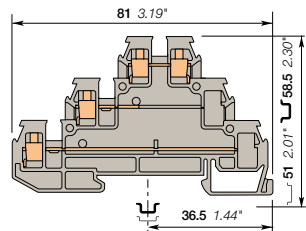
Sensors / Actuators - 6 mm 0.236 in spacing



2.5 mm²
12 AWG



D2.5/6.D



Description

Save space with triple deck terminal blocks: adapted for 3 wires sensor/actuator in just 6 mm 0.236 in spacing.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor	Grey <input type="checkbox"/>	D2.5/6.D	1SNA115542R1200	25	10.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-2.5 mm ²	20-12 AWG	22-14 AWG
	Flexible with insulated ferrule	0.22-2.5 mm ²		
	Gauge	A2		
Rated current / Rated cross section		22 A / 2.5 mm ²	26 A / 12 AWG	20 A / 14 AWG
Rated short-time withstand current (1s)		300 A		
Rated voltage		380 V	300 V	300 V
Impulse withstand voltage				
Protection		IP20	NEMA 1	

Mounting instructions

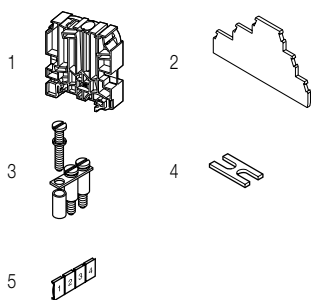
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm 0.24 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS FchHS	ULR	CSA	Gost R

9

6 mm 0.236 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 3 mm 0.118 in	Grey <input type="checkbox"/>	FED3E	1SNA116771R2000	20	3.80
3 Jumper bars 2 poles 22 A		BJD6	1SNA178024R2500	10	1.00
3 poles			1SNA178025R2600	10	2.00
4 poles			1SNA178026R2700	10	2.00
5 poles			1SNA178027R2000	10	3.00
10 poles			1SNA178032R2500	10	6.00
20 poles			1SNA178033R2600	5	12.00
4 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL61	1SNA177812R1700	10	0.10
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

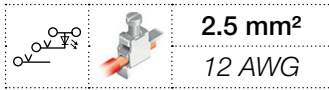
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

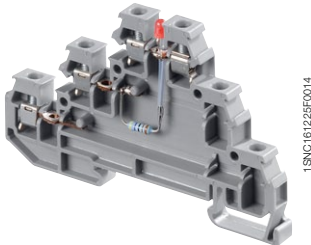
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D2.5/6.D screw clamp terminal blocks

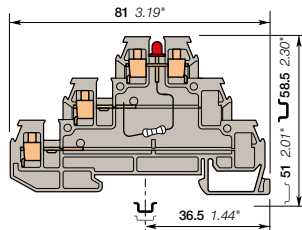
Sensors / Actuators - 6 mm 0.236 in spacing



2.5 mm²
12 AWG



D2.5/6.D



6 mm 0.236 in spacing

Description

- Save space with triple deck terminal blocks: adapted for 3 wires sensor/actuator in just 6 mm 0.236 in spacing,
- Quickly identify the signal circuit status thanks to the indicator.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor	Grey <input type="checkbox"/>	D2.5/6.DL	1SNA115537R0500	25	10.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-2.5 mm ² 0.22-2.5 mm ² A2	20-12 AWG 22-14 AWG
Rated current / Rated cross section	22 A / 2.5 mm ²	26 A / 12 AWG	20 A / 14 AWG
Rated short-time withstand current (1s)	300 A		
Rated voltage	380 V	300 V	300 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

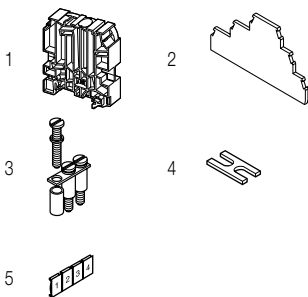
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm 0.24 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories



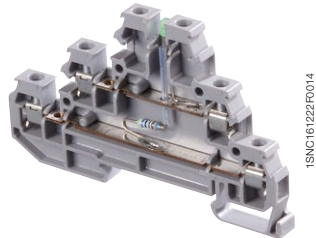
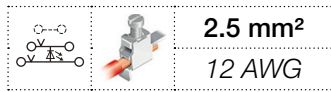
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 3 mm 0.118 in	Grey <input type="checkbox"/>	FED3E	1SNA116771R2000	20	3.80
3 Jumper bars 2 poles 22 A		BJD6	1SNA178024R2500	10	1.00
3 poles			1SNA178025R2600	10	2.00
4 poles			1SNA178026R2700	10	2.00
5 poles			1SNA178027R2000	10	3.00
10 poles			1SNA178032R2500	10	6.00
20 poles			1SNA178033R2600	5	12.00
4 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL61	1SNA177812R1700	10	0.10
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

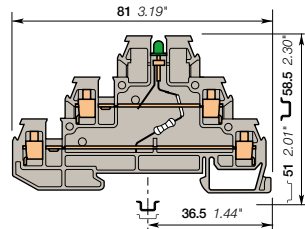
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D2.5/6.DAL screw clamp terminal blocks

Sensors / Actuators - 6 mm 0.236 in spacing



D2.5/6.DAL



Description

- Save space with triple deck terminal blocks: 2 independent circuits connected in just 6 mm 0.236 in spacing,
- Adapted for 3 wires sensor/actuator,
- Quickly identify the signal circuit status thanks to the indicator.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor Power block with green LED 24 V DC for 3 wires sensor and a jumper bar	Grey <input type="checkbox"/>	D2.5/6.DAL2	1SNA115547R1700	25	12.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-2.5 mm ² 0.22-2.5 mm ² A2	20-12 AWG 22-14 AWG
Rated current / Rated cross section	22 A / 2.5 mm ²	26 A / 12 AWG	20 A / 14 AWG
Rated short-time withstand current (1s)	300 A		
Rated voltage	380 V	300 V	300 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

Mounting instructions

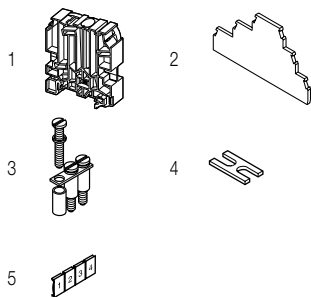
Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		6 mm 0.24 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 Nm 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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9

6 mm 0.236 in spacing



Accessories

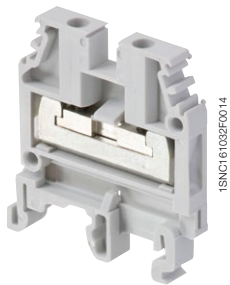
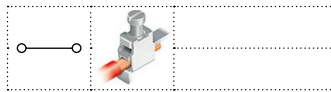
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 3 mm 0.118 in	Grey <input type="checkbox"/>	FED3E	1SNA116771R2000	20	3.80
3 Jumper bars 2 poles 22 A		BJD6	1SNA178024R2500	10	1.00
3 poles			1SNA178025R2600	10	2.00
4 poles			1SNA178026R2700	10	2.00
5 poles			1SNA178027R2000	10	3.00
10 poles			1SNA178032R2500	10	6.00
20 poles			1SNA178033R2600	5	12.00
4 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL61	1SNA177812R1700	10	0.10
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

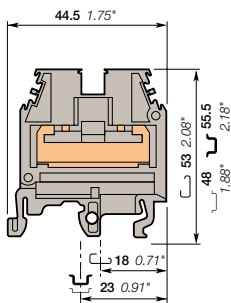
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

MTC6 thermocouple terminal blocks

Screw clamp - 6 mm 0.236 in spacing



MTC6



6 mm 0.236 in spacing

Description

- Universal terminal block adapted to all type of thermocouples,
- Allow thermocouple wire extension with no loss of signal integrity,
- Compatible with solid type thermocouple wires,
- Reduced inventory: only one part number needed for all configurations.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	MTC6	1SNA115206R2200	50	20
		MTC6.Ex	1SNA146227R2500	50	20

Main technical data

	NFC	DIN		
Wire size	2 rigid thermocouple conductors 0.9 to 1.5			
Rated voltage	500 V			
Rated voltage Ex e (MTC6.Ex)	550 V IEC/EN 60079-7 - IM2/M1 II 2 GD/1 GD Ex e I/II			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		31 mm 1.22 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS		Gost R							
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Notes

Universal terminal block

Other thermocouple terminal blocks are available with hardware (screws, clamps and connecting bar) which match the thermocouple material being used. This requires inventory of many different terminal block types.

MTC6 terminal block adapts to all thermocouple material. This "neutral" method of connection limits the introduction of foreign materials to an insignificant level. The thermocouple wire insulation is stripped (31 mm maximum) and the bar wires are superimposed on each another. The thermocouple wires are in contact over their complete 31 mm length and tightened at two points by round tip screws (see figure 2). The screws, made of plated brass, have only a mechanical function, that of holding the wires together with a point contact. Thus, the pressure points are not relevant in the connection environment. One thermocouple lead connects through one terminal block (see figure 2). The MTC6 requires only 6 mm of space, allowing 50 terminals per foot of rail.

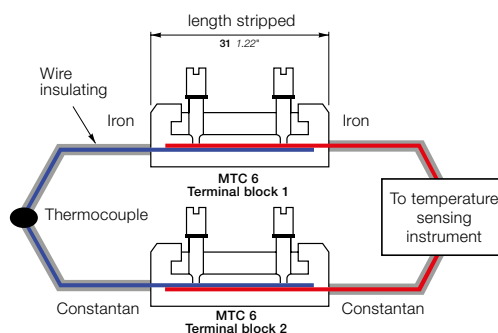


Figure 1: MTC6 with shield connector

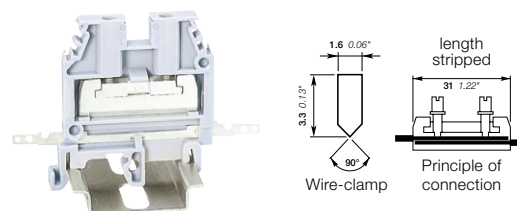


Figure 2

Thermocouple shield wire connector bar

The MTC6 can be field or factory equipped with a shield connector bar (see figure 1). This bar, made of treated brass, fits in the lower part of the terminal block. It ensures the continuity of the thermocouple wire shield through the terminal block or to the ground with no additional spacing.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End sections 2.8 mm 0.110 in	Grey	FEM6	1SNA118368R1600	20	2.40
2 Shield connectors		CBM5	1SNA178745R1400	50	

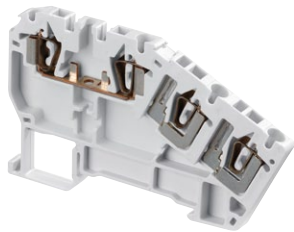
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

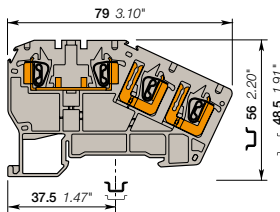
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

D2.5/5.C3.L spring terminal blocks

Sensors / Actuators - 5 mm 0.197 in spacing



D2.5/5.C3.L



1SNC162109F0014

Description

- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

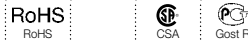
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor 3 wires	Grey <input type="checkbox"/>	D2.5/5.C3.L	1SNA290350R2100	50	11.00

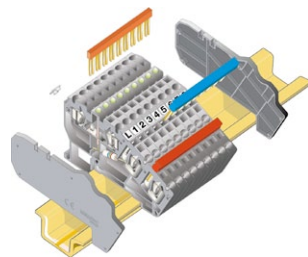
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm ²		24-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.14-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
	Flexible with insulated ferrule	0.5-1 mm ²			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A1				
Rated current / Rated cross section		17.5 A / 1.5 mm ²		10 A / 16 AWG		
Rated short-time withstand current (1s)		180 A				
Rated voltage		300 V		300 V		
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



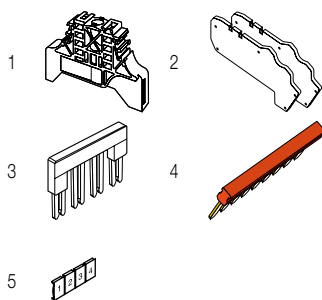
Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

9

5 mm 0.197 in spacing



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End section kits	Grey <input type="checkbox"/>	FED5.C3.L	1SNA290358R2500	20	10.00	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 24 A	1SNA291102R2300	50	1.00	
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Lateral jumper bars 34 poles	Blue <input type="checkbox"/>	PC5.34	1SNA290365R1400	10	18.00	
	Red <input type="checkbox"/>		1SNA290366R1500	10	18.00	
	Green-yellow <input type="checkbox"/>		1SNA290367R1600	10	18.00	
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

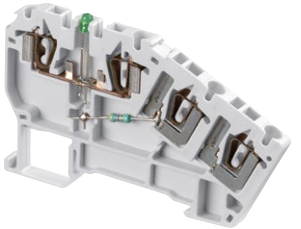
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/5.C3.L spring terminal blocks

Sensors / Actuators - 5 mm 0.197 in spacing

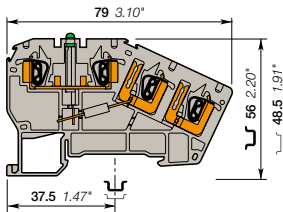


1.5 mm²
16 AWG



1SNC162028502014

D2.5/5.C3.L



5 mm 0.197 in spacing

Description

- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Quickly identify the circuit status thanks to the indicator.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor	Grey <input type="checkbox"/>	D2.5/5.C3.L.L	1SNA290352R1700	50	11.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm ²		24-16 AWG
	Flexible	0.14-1.5 mm ²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm ²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm ²		10 A / 16 AWG
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		300 V
Impulse withstand voltage		4000 V		
Protection		IP20		NEMA 1

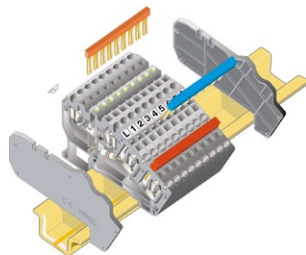
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

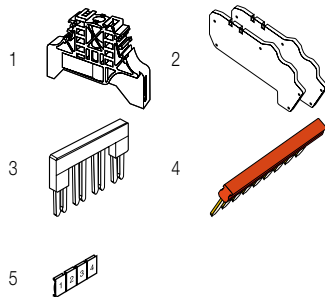
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

	RoHS		CSA		Gost R
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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g		
1 End stops	Grey <input type="checkbox"/>	9 mm	BADL	1SNA399903R0200	50	4.70	
		10 mm	BAM2	1SNA206351R1600	50	12.00	
		5 mm	FED5.C3.L	1SNA290358R2500	20	10.00	
2 End section kits	Grey <input type="checkbox"/>	5 mm	FED5.C3.L	1SNA290358R2500	20	10.00	
		2 poles	BJDL5-2	1SNA291102R2300	50	1.00	
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70	
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80	
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90	
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20	
3 Jumper bars	Orange <input type="checkbox"/>	24 A					
		34 poles	PC5.34	1SNA290365R1400	10	18.00	
			Red <input type="checkbox"/>				
			Green-yellow <input type="checkbox"/>				
			White <input type="checkbox"/>				
4 Lateral jumper bars	Blue <input type="checkbox"/>	34 poles	PC5.34	1SNA290365R1400	10	18.00	
			Red <input type="checkbox"/>				
			Green-yellow <input type="checkbox"/>				
			White <input type="checkbox"/>				
5 Terminal block markers	Blank card	RC55	1SNA230000R1200	1	2.90		

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

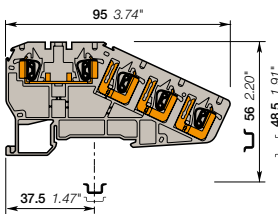
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D2.5/5.C4.L spring terminal blocks

Sensors / Actuators - 5 mm 0.197 in spacing



D2.5/5.C4.L



1SNC162029S02014

Description

- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor 4 wires sensor	Grey	D2.5/5.C4.L	1SNA290354R1100	50	13.00

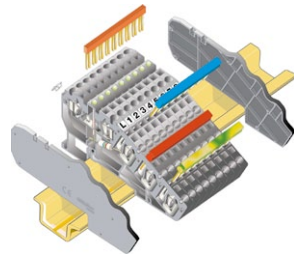
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm ²		24-16 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.14-1.5 mm ²			Wire stripping length	9.5 mm 0.37 in
	with insulated ferrule Gauge	0.5-1 mm ² A1			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		17.5 A / 1.5 mm ²		10 A / 16 AWG		
Rated short-time withstand current (1s)		180 A				
Rated voltage		300 V		300 V		
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End section kits	Grey	FED5.C4.L	1SNA290360R2300	20	10.00	
3 Jumper bars	Orange	2 poles 24 A	1SNA291102R2300	50	1.00	
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Lateral jumper bars 34 poles	Blue	PC5.34	1SNA290365R1400	10	18.00	
	Red		1SNA290366R1500	10	18.00	
	Green-yellow		1SNA290367R1600	10	18.00	
5 Terminal block markers Blank card	White	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D2.5/5.C4.L spring terminal blocks

Sensors / Actuators - 5 mm 0.197 in spacing

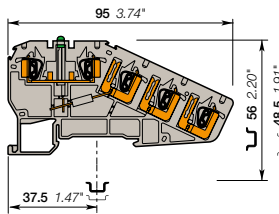


1.5 mm²
16 AWG



1SNC162081F0014

D2.5/5.C4.L



5 mm 0.197 in spacing

Description

- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Quickly identify the circuit status thanks to the indicator.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor	Grey <input type="checkbox"/>	D2.5/5.C4.L.L	1SNA290356R1300	50	13.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.14-1.5 mm ²		24-16 AWG
	Flexible	0.14-1.5 mm ²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1 mm ²		
	Gauge	A1		
Rated current / Rated cross section		17.5 A / 1.5 mm ²		10 A / 16 AWG
Rated short-time withstand current (1s)		180 A		
Rated voltage		300 V		300 V
Impulse withstand voltage		4000 V		
Protection		IP20		NEMA 1

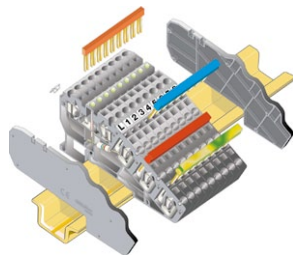
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

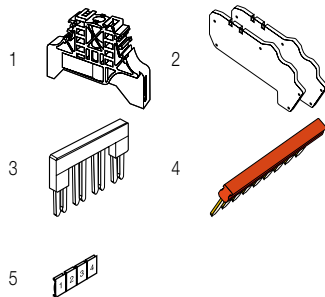
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Notes



To obtain finger safety (IP20) of a terminal block assembly with comb type jumper bar, it is necessary to put one end section on each side of the terminal block assembly.



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End section kits	Grey <input type="checkbox"/>	FED5.C4.L	1SNA290360R2300	20	10.00
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 24 A	1SNA291102R2300	50	1.00
		3 poles	1SNA291103R2400	50	0.70
		4 poles	1SNA291104R2500	50	0.80
		5 poles	1SNA291105R2600	20	0.90
		10 poles	1SNA291110R2600	20	1.20
		4 Lateral jumper bars 34 poles	Blue <input type="checkbox"/>	PC5.34	1SNA290365R1400
Red <input type="checkbox"/>			1SNA290366R1500	10	18.00
Green-yellow <input type="checkbox"/>			1SNA290367R1600	10	18.00
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D1/5.C3.ADO IDC terminal blocks

Sensors / Actuators ADO-ADO - 5 mm 0.197 in spacing



Description

- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor For 3 wire sensor	Grey <input type="checkbox"/>	D1/5.C3.ADO	1SNA399689R1300	50	9.00

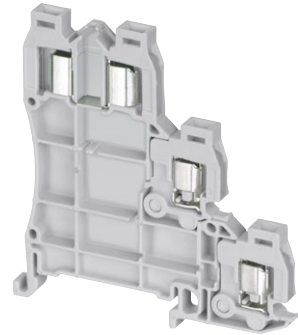
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm² 0.22-1 mm²		24-20 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
Rated current / Rated cross section		13.5 A / 1 mm²		12 A / 20 AWG	Tool	
Rated short-time withstand current (1s)		120 A			Torque	
Rated voltage		250 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

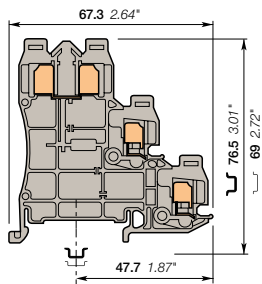
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>			
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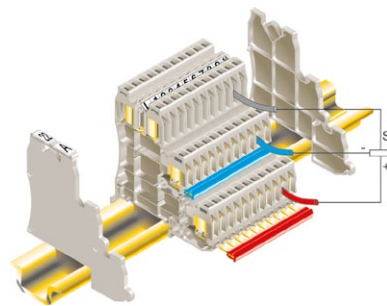
Notes



D1/5.C3.ADO



5 mm 0.197 in spacing



Accessories

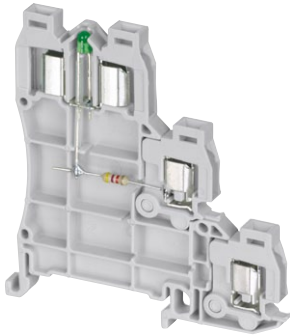
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End section kits	Grey <input type="checkbox"/>	FED5.C3.ADO	1SNA399678R2700	20	10.00
3 Lateral jumper bars 10 poles	Red <input type="checkbox"/>	PC52.10	1SNA399683R0500	10	5.00
	Blue <input type="checkbox"/>		1SNA399684R0600	10	5.00
	Green-yellow <input type="checkbox"/>		1SNA399685R0700	10	5.00
	Red <input type="checkbox"/>	PC52.66	1SNA399707R1500	5	30.00
	Blue <input type="checkbox"/>		1SNA399708R2600	5	30.00
	Green-yellow <input type="checkbox"/>		1SNA399709R2700	5	30.00
4 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
5 Terminal block markers	White <input type="checkbox"/>	Blank card	RC510	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

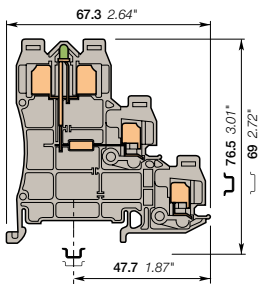
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D1/5.C3.ADO IDC terminal blocks

Sensors / Actuators ADO-ADO - 5 mm 0.197 in spacing



D1/5.C3.ADO



5 mm 0.197 in spacing

Description

- Save spacing with 3 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor For 3 wire sensor with green bidirectional LED 24 VDC	Grey <input type="checkbox"/>	D1/5.C3.ADO.L	1SNA399690R1000	50	10.00

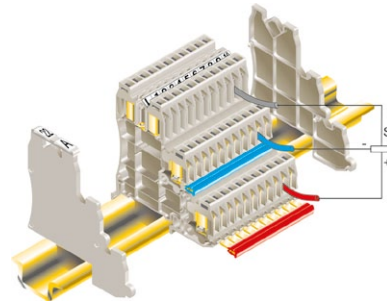
Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm² 0.22-1 mm²	24-20 AWG	Rail TH 35-7.5, TH 35-15 Wire stripping length
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule			Tool
Rated current / Rated cross section	13.5 A / 1 mm²		12 A / 20 AWG	Torque
Rated short-time withstand current (1s)	120 A			
Rated voltage	250 V		600 V	
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Notes



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End section kits	Grey <input type="checkbox"/>	FED5.C3.ADO	1SNA399678R2700	20	10.00
3 Lateral jumper bars 10 poles	Red <input type="checkbox"/>	PC52.10	1SNA399683R0500	10	5.00
	Blue <input type="checkbox"/>		1SNA399684R0600	10	5.00
	Green-yellow <input type="checkbox"/>		1SNA399685R0700	10	5.00
	Red <input type="checkbox"/>	PC52.66	1SNA399707R1500	5	30.00
	Blue <input type="checkbox"/>		1SNA399708R2600	5	30.00
	Green-yellow <input type="checkbox"/>		1SNA399709R2700	5	30.00
4 Tools		OUPAD	1SNA178944R0400	1	205.00
		OUMAD	1SNA179466R0600	1	29.00
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D1/5.C4.ADO IDC terminal blocks

Sensors / Actuators ADO-ADO - 5 mm 0.197 in spacing



Description

- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor For 4 wire sensor	Grey <input type="checkbox"/>	D1/5.C4.ADO	1SNA399692R0600	50	9

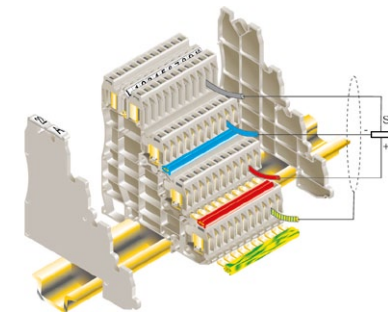
Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm ² 0.22-1 mm ²		24-20 AWG	Rail	TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge				Wire stripping length	
					Tool	
Rated current / Rated cross section		13.5 A / 1 mm ²		12 A / 20 AWG		
Rated short-time withstand current (1s)		120 A			Torque	
Rated voltage		250 V		600 V		
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>				
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Notes



Accessories

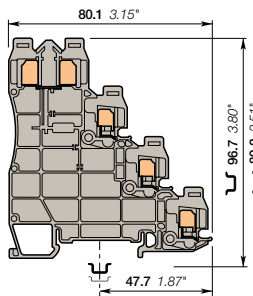
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00	
2 End section kits	Grey <input type="checkbox"/>	FED5.C4.ADO	1SNA399679R2000	10	10.00	
3 Lateral jumper bars 10 poles	Red <input type="checkbox"/>	PC52.10	1SNA399683R0500	10	5.00	
	Blue <input type="checkbox"/>		1SNA399684R0600	10	5.00	
	Green-yellow <input type="checkbox"/>		1SNA399685R0700	10	5.00	
	66 poles	Red <input type="checkbox"/>	PC52.66	1SNA399707R1500	5	30.00
		Blue <input type="checkbox"/>		1SNA399708R2600	5	30.00
4 Tools Semi automatic tool		OUPAD	1SNA178944R0400	1	205.00	
		OUMAD	1SNA179466R0600	1	29.00	
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

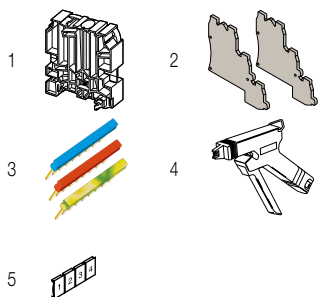
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



D1/5.C4.ADO



5 mm 0.197 in spacing



D1/5.C4.ADO IDC terminal blocks

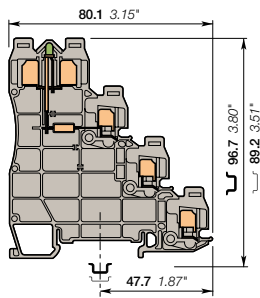
Sensors / Actuators ADO-ADO - 5 mm 0.197 in spacing



1 mm²



D1/5.C4.ADO



5 mm 0.197 in spacing

Description

- Save spacing with 4 decks terminal block, adapted for sensor/actuator in just 5 mm 0.197 in spacing,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constrains (vibrations, shocks, corrosion etc.),
- Up to 2 wires on the upper deck.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Sensor	Grey <input type="checkbox"/>	D1/5.C4.ADO.L	1SNA399693R0700	50	

Main technical data

	IEC	UL	CSA	Mounting instructions
ADO	Rigid - Solid / Stranded Flexible	0.2-1 mm ² 0.22-1 mm ²		Rail TH 35-7.5, TH 35-15
Screw clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge			Wire stripping length Tool
Rated current / Rated cross section	13.5 A / 1 mm ²			Torque
Rated short-time withstand current (1s)	120 A			
Rated voltage	250 V			
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

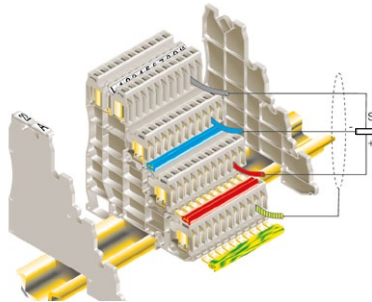


RoHS



Gost R

Notes



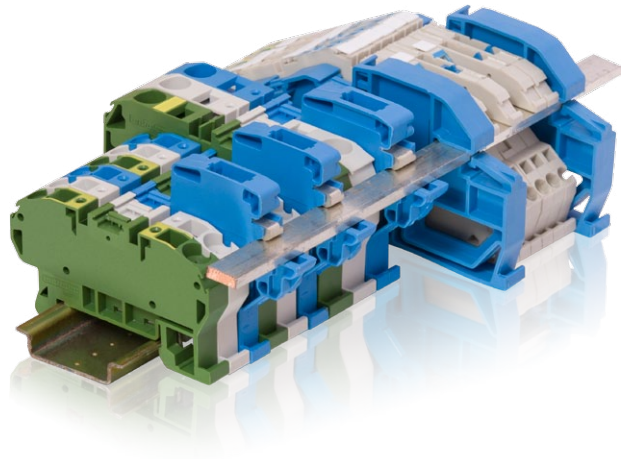
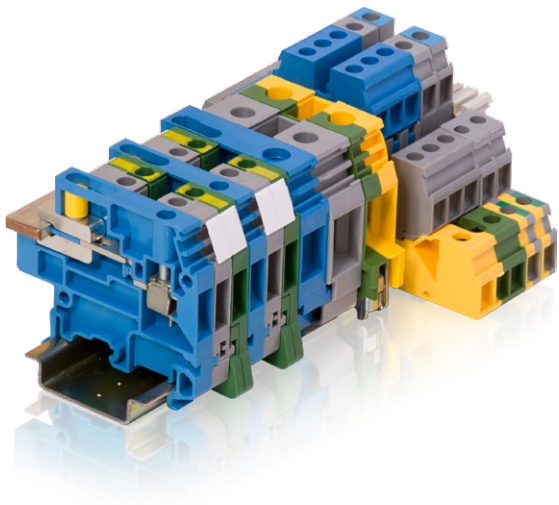
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00	
2 End section kits	Grey <input type="checkbox"/>	FED5.C4.ADO	1SNA399679R2000	10	10.00	
3 Lateral jumper bars 10 poles 66 poles	Red <input type="checkbox"/>	PC52.10	1SNA399683R0500	10	5.00	
	Blue <input type="checkbox"/>		1SNA399684R0600	10	5.00	
	Green-yellow <input type="checkbox"/>		1SNA399685R0700	10	5.00	
	Red <input type="checkbox"/>	PC52.66	1SNA399707R1500	5	30.00	
	Blue <input type="checkbox"/>		1SNA399708R2600	5	30.00	
4 Tools	Green-yellow <input type="checkbox"/>		1SNA399709R2700	5	30.00	
		Semi automatic tool	OUPAD	1SNA178944R0400	1	205.00
5 Terminal block markers Blank card		Hand tool	OUMAD	1SNA179466R0600	1	29.00
	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20	

Complete list of accessories is indicated in the terminal block datasheet.

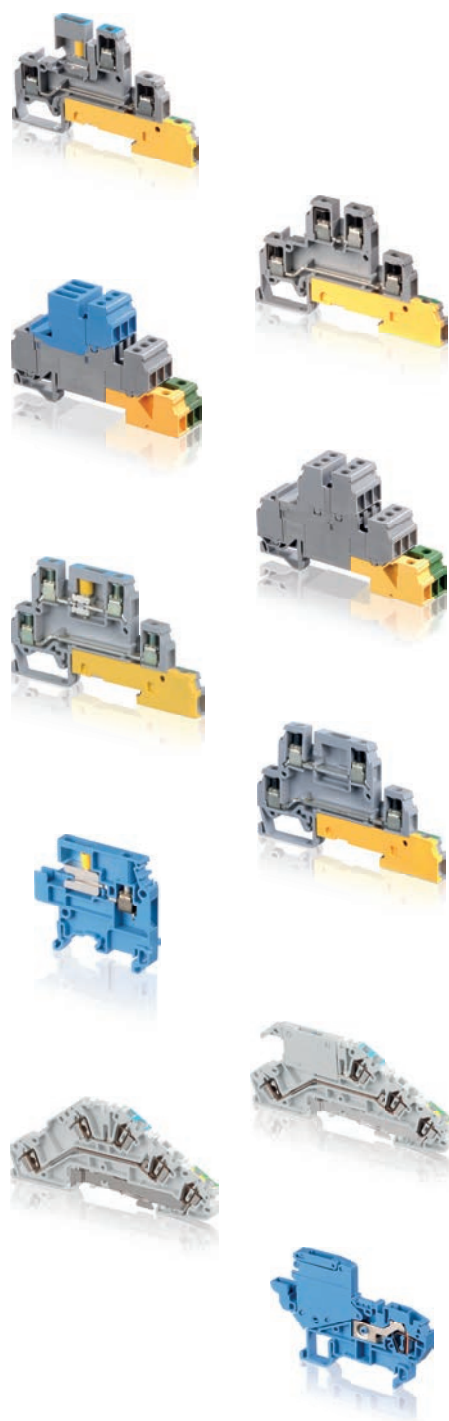
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.



Solution series, terminal blocks

Installation terminal blocks



Technologies presentation	198
Overview	200

Screw clamp technology

Multi-level terminal blocks compatible with busbar

4 mm ² / 12 AWG	D4/6.NTLP	Disconnect neutral + feed-through + ground	203
	D4/6.NLP	Neutral + feed-through + ground	204
	D4/6.LLP	Feed-through + ground	205
	D4/6.LL	Feed-through	206
	D4/6.LNTP1 &		
	D4/6.LNTP3	Disconnect neutral + feed-through + ground	207
	D4/6.LNTP2 &		
	D4/6.LNTP8	Neutral + feed-through + ground	209
	D4/6.LNTP4 &		
	D4/6.LNTP7	Feed-through + ground	211
	D4/6.LNTP6	Feed-through	213

Multi-level terminal blocks

4 mm ² / 12 AWG	D4/6.A.NTLP	Disconnect neutral + feed-through + ground	214
	D4/6.A.LLP	Feed-through + ground	215

Compatible with busbar

2.5 mm ²	MA2.5/5.NT	Neutral disconnect	216
4 mm ²	M4/6.NT	Neutral disconnect	217
6 mm ²	M6/8.NT	Neutral disconnect	218
10 mm ²	M10/10.NT	Neutral disconnect	219
16 mm ²	M16/12.NT	Neutral disconnect	220
35 mm ²	M35/16.NT	Neutral disconnect	221

Spring clamp technology

Multi-level terminal blocks compatible with busbar

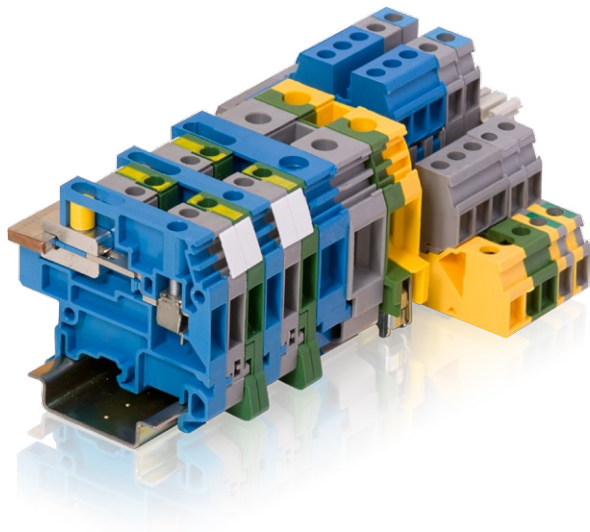
2.5 mm ² / 12 AWG	D2.5/5.NTLP.L	Disconnect neutral + feed-through + ground	222
	D2.5/5.NLP.L	Neutral + feed-through + ground	223
	D2.5/5.NL.L	Neutral + feed-through	224
	D2.5/5.LLP.L	Feed-through + ground	225
	D2.5/5.LL.L	Feed-through	226

Compatible with busbar

4 mm ²	D4/6.NT.L	Neutral disconnect	227
6 mm ²	D6/8.NT.L	Neutral disconnect	228
10 mm ²	D10/10.NT.L	Neutral disconnect	229

Solution series, terminal blocks

Installation terminal blocks



The preferred choice for building industry

The installation terminal blocks are largely used in distribution cabinets of public buildings and meet wiring and connection requirements of installations designed in accordance with DIN VDE 0100 or DIN VDE 0108.

They allow:

- Compact signal distribution thanks to multi-level terminal locks
- Insulation test without disconnecting the neutral conductor thanks to neutral disconnect function on TNS or TNC-S networks.

Select from our various choice of functions and technologies

Installation terminal blocks

Our product family offer multi-circuit configuration to ease the distribution of single phase or 3 phase circuits.

Installation terminal blocks are proposed in screw clamp and spring clamp technologies.

Various configurations allow distribution of feed-through, neutral, neutral disconnect and ground circuits in a compact format.

Select from our single type terminal blocks or prefer multi-circuit compact and closed solution (screw clamp technology) combining up to 9 circuits on one single terminal block.

Neutral bar is aligned with standard single deck terminal blocks and ensures full compatibility with standard feed-through, neutral disconnect, or ground terminal blocks.

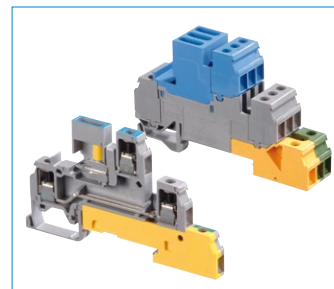
Neutral disconnect terminal blocks

Neutral disconnect function is mandatory on TNS or TN-C-S networks used in public buildings and installation complying with VDE 0108.

Standard specifies:

"The distribution must be designed so that it is possible to measure the insulation resistance of all conductors to ground for each individual outgoing circuit with conductor cross sections up to 10 mm². This measurement must be performed without disconnecting the neutral conductor. e.g. through the installation of neutral conductor disconnect terminal blocks."

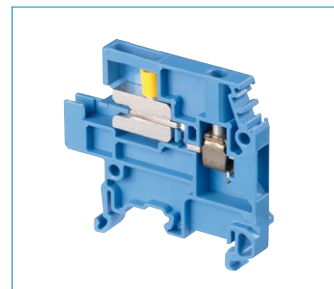
Our terminals allow simple connection or disconnection of neutral bar thanks to a sliding link and are available in 2 technologies screw clamp and spring clamp.



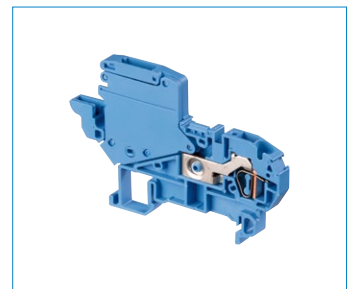
Multi-level screw clamp terminal blocks



Multi-level spring clamp terminal blocks



Neutral disconnect: screw clamp and spring clamp terminal blocks



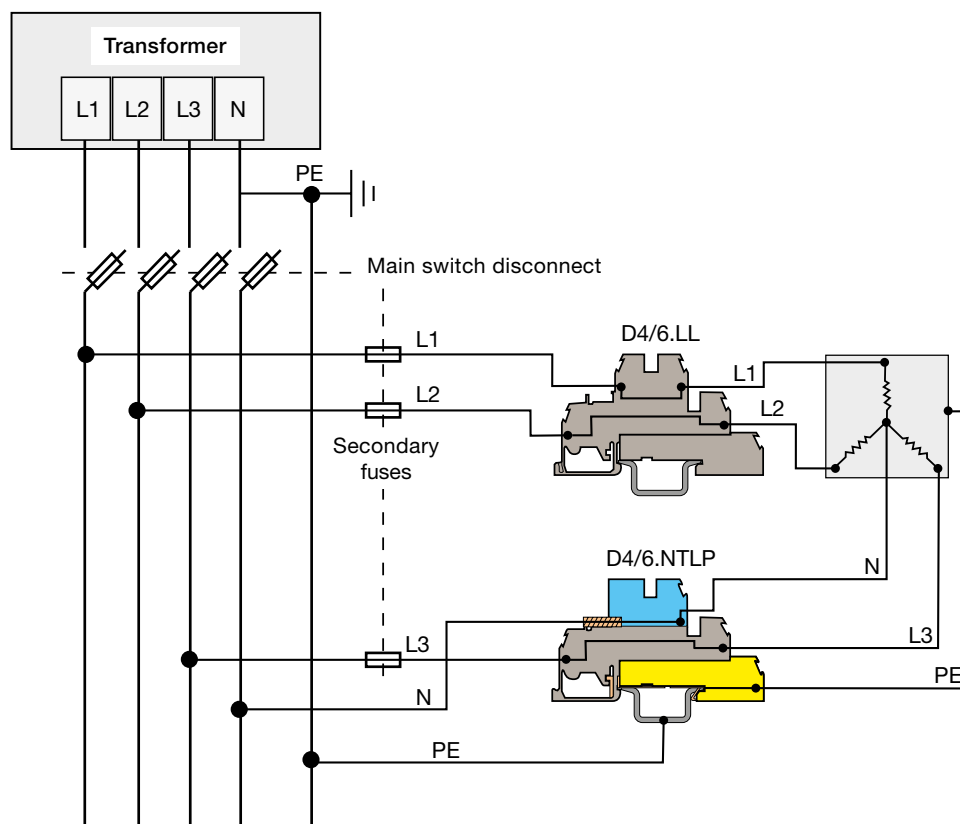
1SNC161166S0201

Solution series, terminal blocks

Installation terminal blocks

3 phase distribution example with installation screw clamp terminal blocks

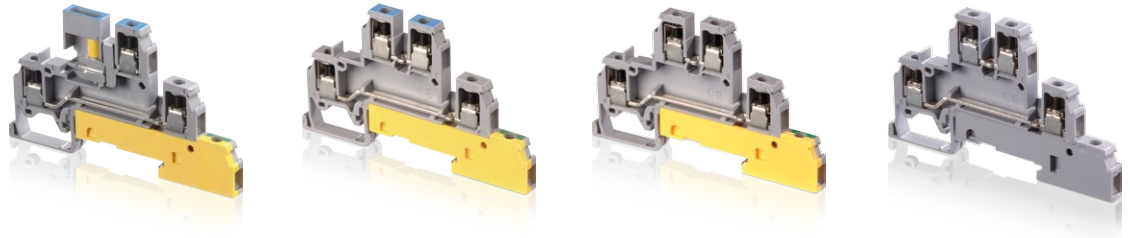
D4/6.NTLP allows single phase distribution and neutral disconnect
D4/6.LL complement for 3 phase configuration



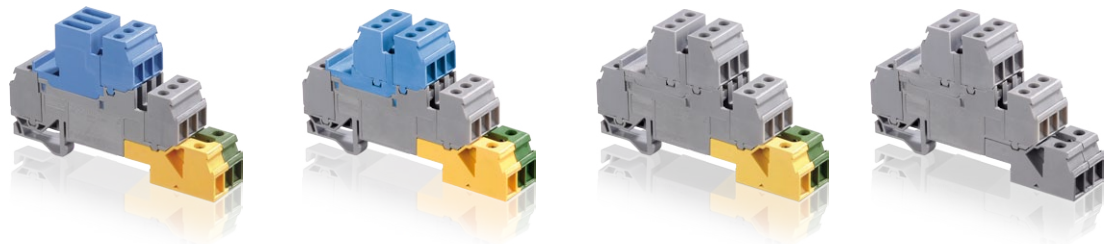
Solution series, terminal blocks

Installation terminal blocks

Screw clamp technology, multi-level terminal blocks compatible with busbar



Section		NTLP	NLP	LLP	LL
IEC	UL/CSA				
4 mm ²	12 AWG	D4/6.NTLP 6 mm 0.236 in	D4/6.NLP 6 mm 0.236 in	D4/6.LLP 6 mm 0.236 in	D4/6.LL 6 mm 0.236 in



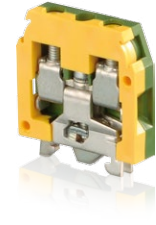
Section		NTLP		NLP		LLP		LL
IEC	UL/CSA							
4 mm ²	12 AWG	D4/6.LNTP1	D4/6.LNTP3	D4/6.LNTP2	D4/6.LNTP8	D4/6.LNTP4	D4/6.LNTP7	D4/6.LNTP6
		6 mm 0.236 in		6 mm 0.236 in		6 mm 0.236 in		6 mm 0.236 in

Screw clamp technology, multi-level terminal blocks



Section		NTLP	NLP	LLP	LL
IEC	UL/CSA				
4 mm ²	12 AWG	D4/6.A.NTLP 6 mm 0.236 in		D4/6.A.LLP 6 mm 0.236 in	

Screw clamp technology, compatible with busbar



Neutral disconnect

Feed-through

Ground

Section



IEC	UL/CSA				
2.5 mm		MA2.5/5.NT	5 mm 0.197 in	MA2.5/5	5 mm 0.197 in
4 mm ²	12 AWG	M4/6.NT	6 mm 0.236 in	M4/6	6 mm 0.236 in
6 mm ²	8 AWG	M6/8.NT	8 mm 0.315 in	M6/8	8 mm 0.315 in
10 mm ²	6 AWG	M10/10.NT	10 mm 0.394 in	M10/10	10 mm 0.394 in
16 mm ²		M16/12.NT	12 mm 0.472 in	M16/12	12 mm 0.472 in
35 mm ²	0 AWG	M35/16.NT	17 mm 0.669 in	M35/16	16 mm 0.630 in
				MA2.5/5.P	5 mm 0.197 in
				M4/6.P	6 mm 0.236 in
				M6/8.P	8 mm 0.315 in
				M10/10.P	10 mm 0.394 in
				M16/12.P	12 mm 0.472 in
				M35/16.P	16 mm 0.630 in

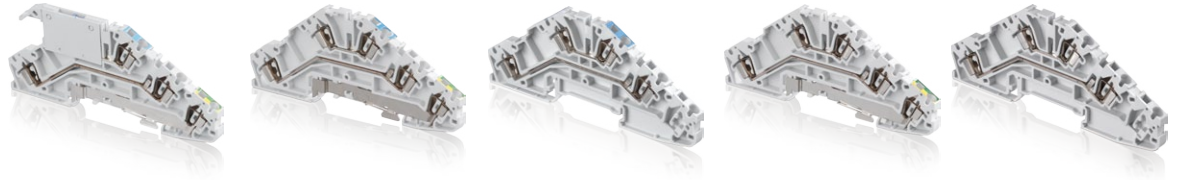
Main catalog
SNA series, terminal blocks



Solution series, terminal blocks

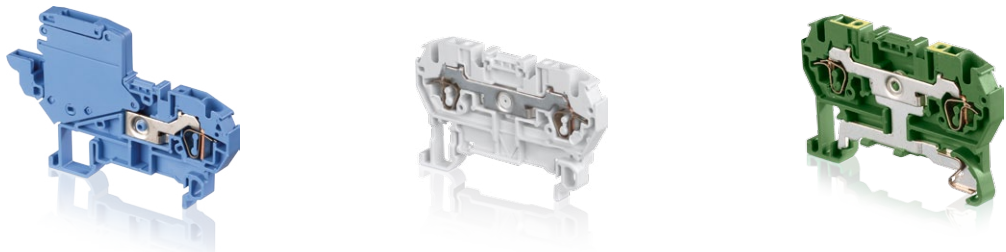
Installation terminal blocks

Spring clamp technology, multi-level terminal blocks compatible with busbar



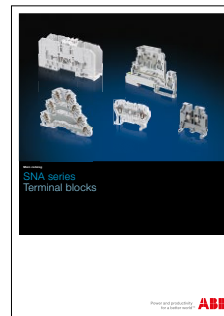
Section		N-TLP	NLP	NL	LLP	LL
IEC	UL/CSA					
2.5 mm ²	12 AWG	D2.5/5.NTLPL 5 mm 0.197 in	D2.5/5.NLPL 5 mm 0.197 in	D2.5/5.NLL 5 mm 0.197 in	D2.5/5.LLPL 5 mm 0.197 in	D2.5/5.LLL 5 mm 0.197 in

Spring clamp technology, compatible with busbar



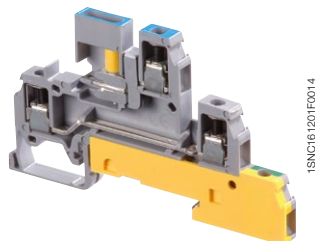
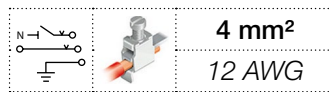
Section		Neutral disconnect	Feed-through	Ground
IEC	UL/CSA			
4 mm ²		D4/6.NTL 6 mm 0.236 in	D4/6.2L 6 mm 0.236 in	D4/6.P.2L 6 mm 0.236 in
6 mm ²		D6/8.NTL 8 mm 0.315 in	D6/8.2L 8 mm 0.315 in	D6/8.P.2L 8 mm 0.315 in
10 mm ²		D10/10.NTL 10 mm 0.394 in	D10/10.1.2L 10 mm 0.394 in	D10/10.1.P.2L 10 mm 0.394 in

Main catalog
SNA series, terminal blocks

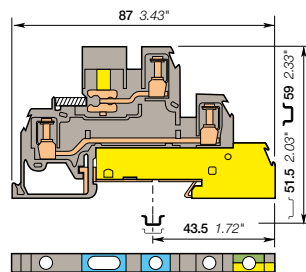


D4/6.NTLP screw clamp terminal blocks

Installation - 6 mm 0.236 in spacing



D4/6.NTLP



6 mm 0.236 in spacing

Description

- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

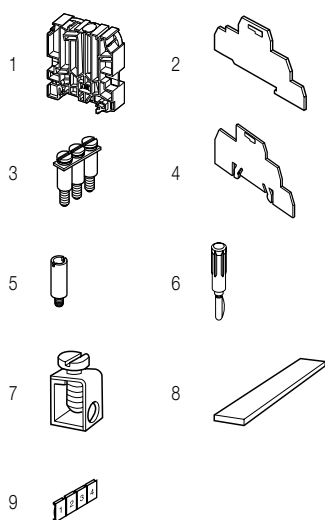
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Disconnect neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.NTLP	1SNA110439R2200	20	20.00

Main technical data

	IEC	UL	CSA		
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.2-4 mm ² A4	18-12 AWG	Wire stripping length	9.5 mm 0.37 in
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG		Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated short-time withstand current (1s)	480 A			Torque	0.4 - 0.8 N.m 3.5 - 7 lb.in
Rated voltage	320 V	300 V		Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Impulse withstand voltage	4000 V			Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA						
CE	RoHS	UL	CSA	Gost R					



Accessories

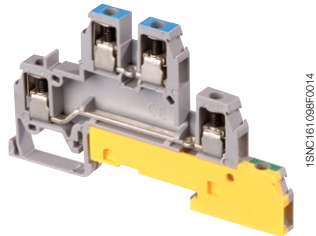
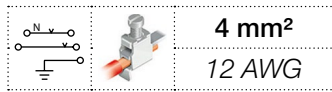
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey	FED6	1SNA116964R1200	20	3.00
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
3 poles			1SNA173218R0700	10	3.00
4 poles			1SNA173219R0000	10	4.00
5 poles			1SNA173221R2200	10	5.00
10 poles			1SNA173226R2700	10	10.00
4 Circuit separators 1.5 mm 0.059 in	Grey	SCFD	1SNA114117R0700	10	10.00
5 Test sockets DIA 2 mm 0.079 in		AL2	1SNA167319R0600	50	
6 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
7 Clamps 0.5-35 mm ²		SFB1	1SNA163860R0500	50	12.00
16-35 mm ² 6-2 AWG		SFB2	1SNA168956R0600	50	11.00
8 Busbars Busbars		BO3	1SNA164406R2400	1	
9 Terminal block markers Blank card	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

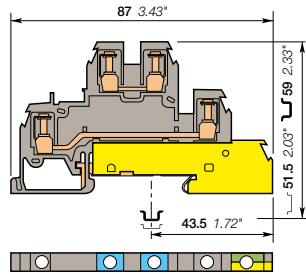
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D4/6.NLP screw clamp terminal blocks

Installation - 6 mm 0.236 in spacing



D4/6.NLP



6 mm 0.236 in spacing

Description

- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.NLP	1SNA110440R0700	20	20.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG		Torque	0.4 - 0.8 N.m 3.5 - 7 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		400 V	300 V			
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	Gost R						
CE	RoHS	UL	Gost R						

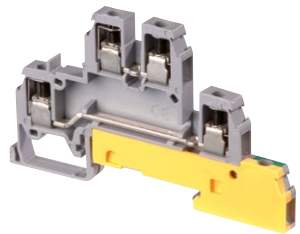
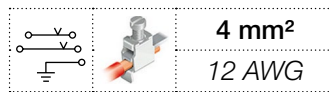
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey	FED6	1SNA116964R1200	20	3.00
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
			1SNA173218R0700	10	3.00
			1SNA173219R0000	10	4.00
			1SNA173221R2200	10	5.00
			1SNA173226R2700	10	10.00
4 Circuit separators 0 mm 0 in	White	SCD	1SNA103189R2600	10	1.00
	Grey	SCFD	1SNA114117R0700	10	10.00
5 Test sockets DIA 2 mm 0.079 in		AL2	1SNA167319R0600	50	
6 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
7 Terminal block markers Blank card	White	RC65	1SNA232000R0000	1	3.60

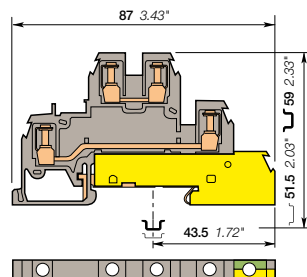
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

D4/6.LLP screw clamp terminal blocks

Installation - 6 mm 0.236 in spacing



D4/6.LLP



6 mm 0.236 in spacing

Description

- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 2 feed-through + ground	Grey, Green-yellow	D4/6.LLP	1SNA110441R2400	20	20.00

Main technical data

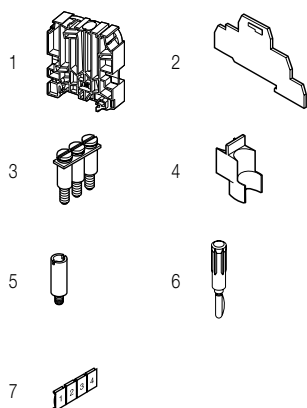
		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG	
	Flexible with insulated ferrule	0.2-4 mm ²		
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG	
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	300 V	
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.4 - 0.8 N.m 3.5 - 7 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	PC
CE	RoHS	UL	Gost R



Accessories

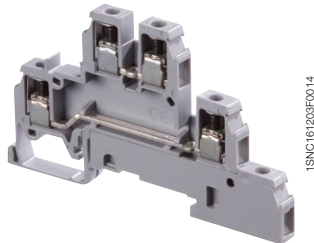
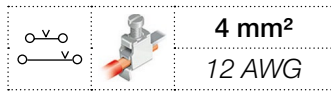
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey	FED6	1SNA116964R1200	20	3.00
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
3 poles			1SNA173218R0700	10	3.00
4 poles			1SNA173219R0000	10	4.00
5 poles			1SNA173221R2200	10	5.00
10 poles			1SNA173226R2700	10	10.00
4 Circuit separators 0 mm 0 in	White	SCD	1SNA103189R2600	10	1.00
1.5 mm 0.059 in	Grey	SCFD	1SNA114117R0700	10	10.00
5 Test sockets DIA 2 mm 0.079 in		AL2	1SNA167319R0600	50	
6 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
7 Terminal block markers Blank card	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

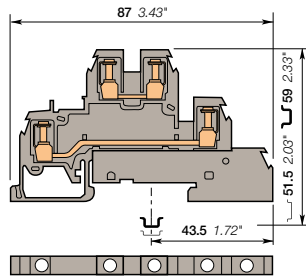
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D4/6.LL screw clamp terminal blocks

Installation - 6 mm 0.236 in spacing



D4/6.LL



6 mm 0.236 in spacing

Description

- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation	2 feed-through	Grey <input type="checkbox"/> D4/6.LL	1SNA110442R2500	20	20.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG		Torque	0.4 - 0.8 N.m 3.5 - 7 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		400 V	300 V			
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
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Accessories

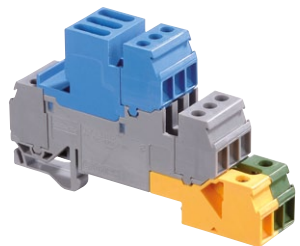
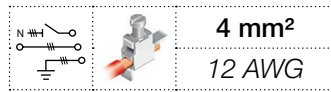
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FED6	1SNA116964R1200	20	3.00
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
			1SNA173218R0700	10	3.00
			1SNA173219R0000	10	4.00
			1SNA173221R2200	10	5.00
			1SNA173226R2700	10	10.00
4 Circuit separators 0 mm 0 in	White <input type="checkbox"/>	SCD	1SNA103189R2600	10	1.00
	Grey <input type="checkbox"/>	SCFD	1SNA114117R0700	10	10.00
5 Test sockets DIA 2 mm 0.079 in		AL2	1SNA167319R0600	50	
6 Test plugs DIA 2 mm 0.079 in	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
7 Terminal block markers Blank card	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

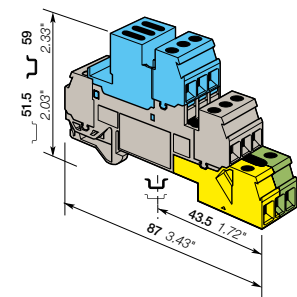
D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



1SNC161195F0014

D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 3 disconnect neutral + 3 feed-through + 3 ground	Blue, grey, green-yellow	D4/6.LNTP1	1SNA110264R0200	10	70.00

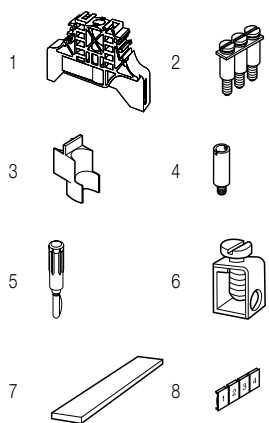
Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge A4	18-12 AWG	18-12 AWG	Rail	TH 35-7.5, TH 35-15
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG	Wire stripping length	9.5 mm 0.37 in
Rated short-time withstand current (1s)	480 A			Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage	320 V	300 V	300 V	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Impulse withstand voltage	4000 V			Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Protection	IP20	NEMA 1		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	USR	CSA	Gost R															
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Accessories



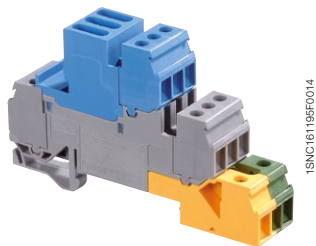
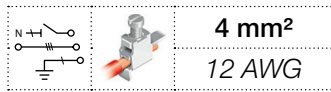
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars		2 poles	1SNA173217R2600	10	2.00
		3 poles	1SNA173218R0700	10	3.00
		4 poles	1SNA173219R0000	10	4.00
		5 poles	1SNA173221R2200	10	5.00
		10 poles	1SNA173226R2700	10	10.00
3 Circuit separators	White	SCD	1SNA103189R2600	10	1.00
		SCFD	1SNA114117R0700	10	10.00
4 Test sockets	Grey	AL2	1SNA167319R0600	50	
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
7 Busbars		BO3	1SNA164406R2400	1	
8 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

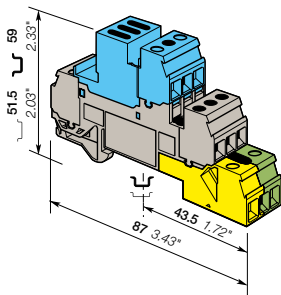
D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



1SNC161195F0014

D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 1 disconnect neutral + 3 feed-through + 1 ground	Blue, grey, green-yellow	D4/6.LNTP3	1SNA110269R1700	10	70.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.2-4 mm ² A4	18-12 AWG 18-12 AWG
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	320 V	300 V	300 V
Impulse withstand voltage	4000 V		
Protection	IP20	NEMA 1	

Mounting instructions

	Diagram	Specifications
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Screw clamp Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Disconnect device Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	USF	CSA	Gost R
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Accessories

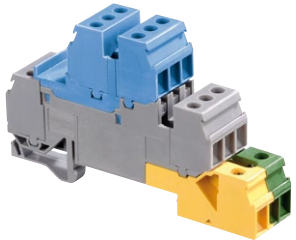
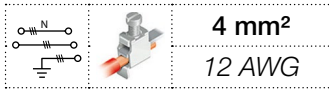
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars		BJM62	1SNA173217R2600	10	2.00
2 poles			1SNA173218R0700	10	3.00
3 poles			1SNA173219R0000	10	4.00
4 poles			1SNA173221R2200	10	5.00
5 poles			1SNA173226R2700	10	10.00
3 Circuit separators	White	SCD	1SNA103189R2600	10	1.00
	Grey	SCFD	1SNA114117R0700	10	10.00
4 Test sockets		AL2	1SNA167319R0600	50	
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
7 Busbars		BO3	1SNA164406R2400	1	
8 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

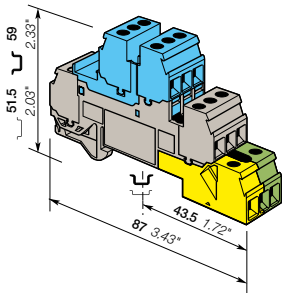
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 3 neutral + 3 feed-through + 3 ground	Blue, grey, Green-yellow	D4/6.LNTP2	1SNA110327R2100	10	70.00

Main technical data

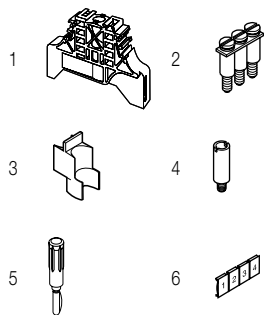
		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG	18-12 AWG
	Flexible with insulated ferrule	0.2-4 mm ²		
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	300 V	300 V
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UR	CSA	PC	Gost R
CE	RoHS	UR	CSA	PC	Gost R



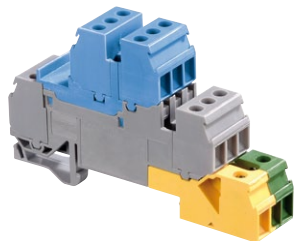
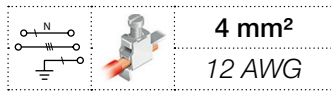
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00	
		BADL	1SNA399903R0200	50	4.70	
2 Jumper bars	Grey	2 poles	BJM62	1SNA173217R2600	10	2.00
		3 poles		1SNA173218R0700	10	3.00
		4 poles		1SNA173219R0000	10	4.00
		5 poles		1SNA173221R2200	10	5.00
		10 poles		1SNA173226R2700	10	10.00
3 Circuit separators	White	0 mm	SCD	1SNA103189R2600	10	1.00
		1.5 mm	SCFD	1SNA114117R0700	10	10.00
4 Test sockets	Grey	AL2	1SNA167319R0600	50		
5 Test plugs	Black	FC2	1SNA007865R2600	100		
6 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60	

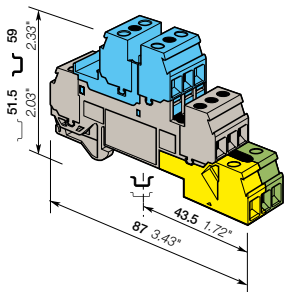
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed.
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 1 neutral + 3 feed-through + 1 ground	Blue, Grey, Green-Yellow	D4/6.LNTP8	1SNA110333R2700	10	60.00

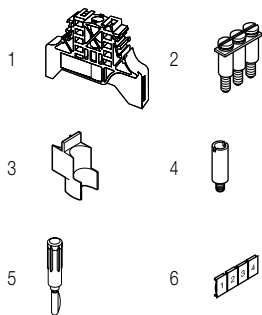
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG	18-12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG	Torque	0.4 - 0.8 N.m 3.5 - 7 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		400 V	300 V	300 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
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Accessories



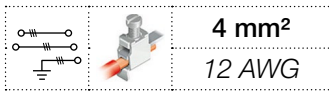
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars	Grey	2 poles 32 A	1SNA173217R2600	10	2.00
		3 poles	1SNA173218R0700	10	3.00
		4 poles	1SNA173219R0000	10	4.00
		5 poles	1SNA173221R2200	10	5.00
		10 poles	1SNA173226R2700	10	10.00
3 Circuit separators	White	0 mm 0 in	1SNA103189R2600	10	1.00
		1.5 mm 0.059 in	1SNA114117R0700	10	10.00
4 Test sockets	Grey	AL2	1SNA167319R0600	50	
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

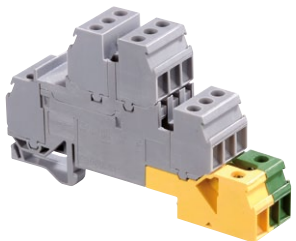
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing

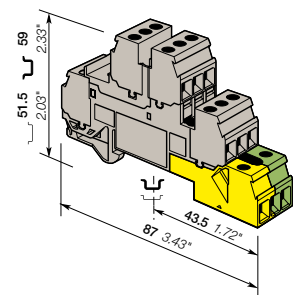


4 mm²
12 AWG



1SNC161202F0014

D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 6 feed-through + 3 ground	Grey, Green-yellow	D4/6.LNTP4	1SNA110328R0200	10	70.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG	18-12 AWG
	Flexible with insulated ferrule	0.2-4 mm ²		
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	300 V	300 V
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

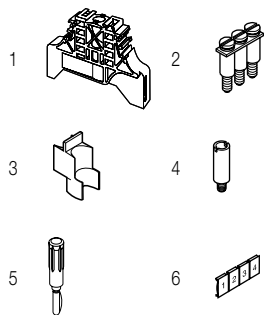
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UR	CSA	PCB	Gost R
CE	RoHS	UR	CSA	PCB	Gost R

Accessories



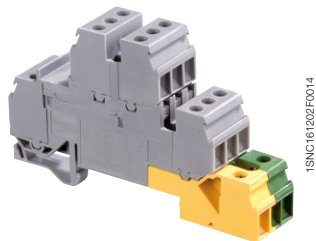
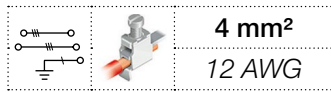
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars	Grey	2 poles	1SNA173217R2600	10	2.00
		3 poles	1SNA173218R0700	10	3.00
		4 poles	1SNA173219R0000	10	4.00
		5 poles	1SNA173221R2200	10	5.00
		10 poles	1SNA173226R2700	10	10.00
3 Circuit separators	White	0 mm	1SNA103189R2600	10	1.00
		1.5 mm	1SNA114117R0700	10	10.00
4 Test sockets	Grey	AL2	1SNA167319R0600	50	
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

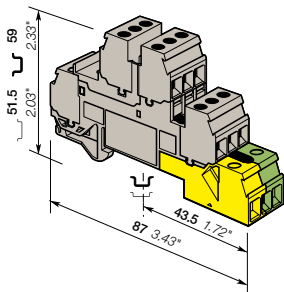
D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



1SNC161202P0014

D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation	6 feed-through + 1 ground Grey, Green-yellow	D4/6.LNTP7	1SNA110332R2600	10	60.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG
	Flexible with insulated ferrule	0.2-4 mm ²	18-12 AWG
Gauge	A4		
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	400 V	300 V	300 V
Impulse withstand voltage	6000 V		
Protection	IP20	NEMA 1	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.4 - 0.8 N.m 3.5 - 7 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
CE	RoHS	UL	CSA	Gost R

Accessories

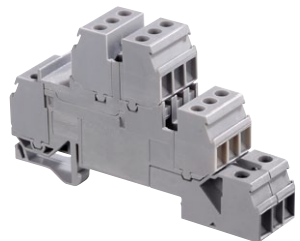
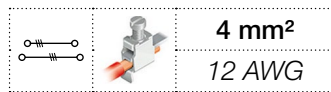
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars		2 poles	1SNA173217R2600	10	2.00
		3 poles	1SNA173218R0700	10	3.00
		4 poles	1SNA173219R0000	10	4.00
		5 poles	1SNA173221R2200	10	5.00
		10 poles	1SNA173226R2700	10	10.00
3 Circuit separators	White	SCD	1SNA103189R2600	10	1.00
		SCFD	1SNA114117R0700	10	10.00
4 Test sockets	Grey	AL2	1SNA167319R0600	50	
5 Test plugs	Black	FC2	1SNA007865R2600	100	
6 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

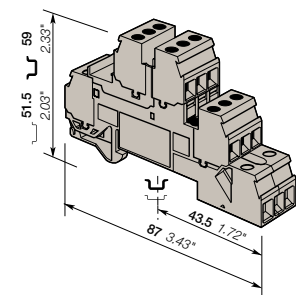
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.LNTP screw clamp terminal blocks

Installation - 17.8 mm 0.701 in spacing



D4/6.LNTP



17.8 mm 0.701 in spacing

Description

- Closed terminal block: no end section needed,
- According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm),
- Compatible with busbar.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 6 feed-through	Grey <input type="checkbox"/>	D4/6.LNTP6	1SNA110331R2500	10	63.10

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG	18-12 AWG
	Flexible with insulated ferrule	0.2-4 mm ²		
	Gauge	A4		
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)		480 A		
Rated voltage		400 V	300 V	300 V
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

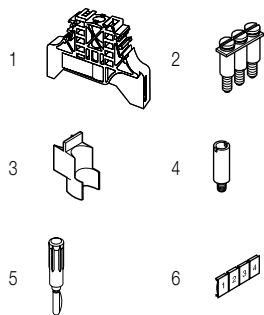
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.4 - 0.8 N.m 3.5 - 7 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when apply) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R

Accessories



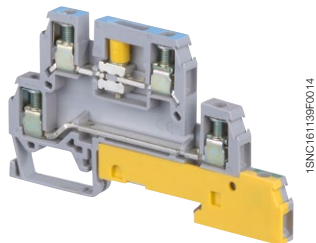
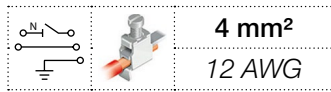
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Jumper bars	Grey <input type="checkbox"/>	2 poles 32 A	BJM62	10	2.00
		3 poles		10	3.00
		4 poles		10	4.00
		5 poles		10	5.00
		10 poles		10	10.00
3 Circuit separators	White <input type="checkbox"/>	0 mm 0 in	SCD	10	1.00
		1.5 mm 0.059 in	SCFD	10	10.00
4 Test sockets	Grey <input type="checkbox"/>	AL2	1SNA167319R0600	50	
5 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
6 Terminal block markers	White <input type="checkbox"/>	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

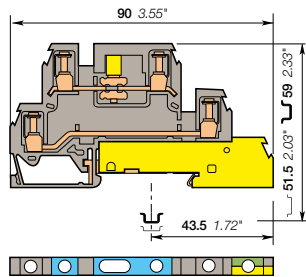
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.A.NTLP screw clamp terminal blocks

Installation - 6 mm 0.236 in spacing



D4/6.A.NTLP



6 mm 0.236 in spacing

Description

According to DIN 43880 standards (dimension above the rail $35 \times 7.5 \leq 44$ mm).

Ordering details

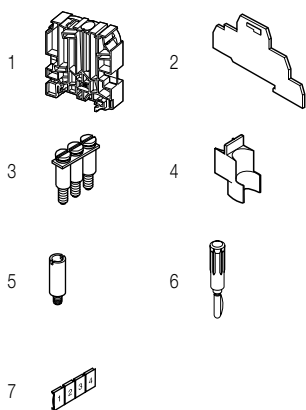
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Disconnect neutral + feed-through + ground	Grey, blue, Green-yellow	D4/6.A.NTLP	1SNA110415R1200	10	

Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.2-4 mm ² A4	18-12 AWG	Rail	G32, TH 35-7.5, TH 35-15
Rated current / Rated cross section	30 A / 4 mm ²	20 A / 12 AWG		Wire stripping length	9.5 mm 0.37 in
Rated short-time withstand current (1s)	480 A			Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage	320 V	300 V		Torque	0.4 - 0.8 Nm 3.5 - 7 lb.in
Impulse withstand voltage	4000 V			Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Protection	IP20	NEMA 1		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	Gost R
CE	RoHS	UL	CSA	Gost R



Accessories

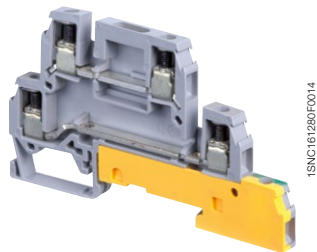
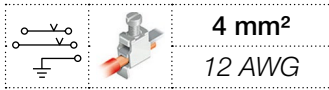
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey	FED6	1SNA116964R1200	20	3.00
3 Jumper bars 2 poles 32 A		BJM62	1SNA173217R2600	10	2.00
3 poles			1SNA173218R0700	10	3.00
4 poles			1SNA173219R0000	10	4.00
5 poles			1SNA173221R2200	10	5.00
10 poles			1SNA173226R2700	10	10.00
4 Circuit separators 0 mm 0 in	White	SCD	1SNA103189R2600	10	1.00
1.5 mm 0.059 in	Grey	SCFD	1SNA114117R0700	10	10.00
5 Test sockets DIA 2 mm 0.079 in		AL2	1SNA167319R0600	50	
6 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
7 Terminal block markers Blank card	White	RC65	1SNA232000R0000	1	3.60

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

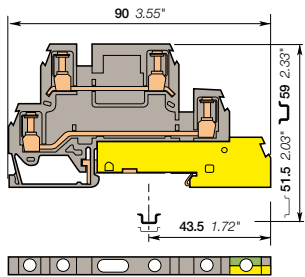
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.A.LL screw clamp terminal blocks

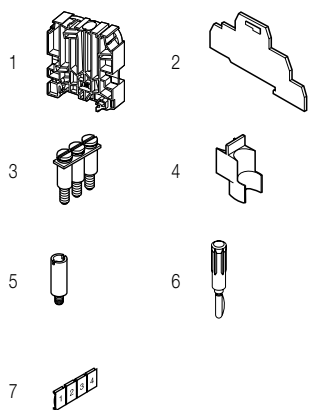
Installation - 6 mm 0.236 in spacing



D4/6.A.LL



6 mm 0.236 in spacing



Description

According to DIN 43880 standards (dimension above the rail 35 x 7.5 ≤ 44 mm).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation	2 feed-through + ground	Grey, Green-yellow	D4/6.A.LLP	1SNA110418R2500	20 20.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	18-12 AWG		Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²			Wire stripping length	9.5 mm 0.37 in
	Gauge	A4			Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		30 A / 4 mm ²	20 A / 12 AWG		Torque	0.4 - 0.8 Nm 3.5 - 7 lb.in
Rated short-time withstand current (1s)		480 A			Disconnect device Tool	
Rated voltage		400 V	300 V		Torque	
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	PCB	Gost R
CE	RoHS	UL	CSA	PCB	Gost R

Accessories

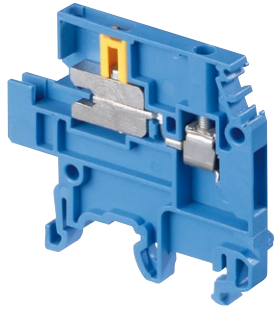
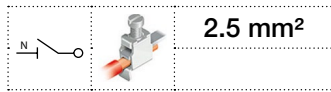
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BADH	1SNA116900R2700	50	24.00	
2 End sections	Grey	FEDA6	1SNA116965R1300	20	3.60	
3 Jumper bars		2 poles	BJM62	1SNA173217R2600	10	2.00
		3 poles		1SNA173218R0700	10	3.00
		4 poles		1SNA173219R0000	10	4.00
		5 poles		1SNA173221R2200	10	5.00
		10 poles		1SNA173226R2700	10	10.00
4 Circuit separators	White	SCD	1SNA103189R2600	10	1.00	
	Grey	SCFD	1SNA114117R0700	10	10.00	
5 Test sockets		AL2	1SNA167319R0600	50		
6 Test plugs	Black	FC2	1SNA007865R2600	100		
7 Terminal block markers	White	RC65	1SNA232000R0000	1	3.60	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

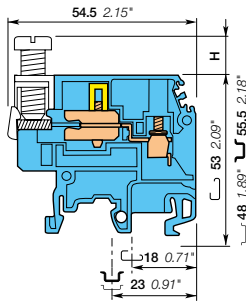
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

MA2.5/5.NT screw clamp terminal blocks

Neutral disconnect - 5 mm 0.197 in spacing



MA2.5/5.NT



5 mm 0.197 in spacing

Description

- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect For busbar 10 x 3 mm	Blue <input type="checkbox"/>	MA2.5/5.NT	1SNA125487R0600	50	12.00

Main technical data

	IEC	UL	CSA	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-2.5 mm ² A3		
Rated current / Rated cross section	24 A / 2.5 mm ²			
Rated short-time withstand current (1s)	300 A			
Rated voltage	400 V			
Impulse withstand voltage	6000 V			
Protection	NEMA			

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		10 mm 0.39 in
Screw clamp Tool		Flat screwdriver Ø 3.5 mm Ø 0.14 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Disconnect device Tool		Flat screwdriver Ø 4 mm Ø 0.16 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

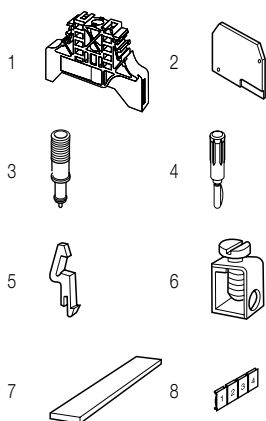
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only, for more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM6	1SNA118368R1600	20	2.40
3 Test adapters	Green <input type="checkbox"/>	DCV	1SNA173058R0200	10	2.20
4 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
5 Locking devices	Blue <input type="checkbox"/>	VRB3	1SNA128035R1600	10	
6 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
7 Busbars		BO3	1SNA164406R2400	1	
8 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

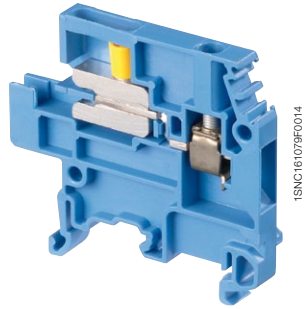
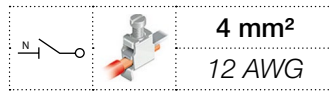
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



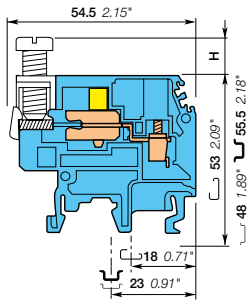
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only

M4/6.NT screw clamp terminal blocks

Neutral disconnect - 6 mm 0.236 in spacing



M4/6.NT



6 mm 0.236 in spacing

Description

- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect For busbar 10 x 3 mm	Blue	M4/6.NT	1SNA125117R0200	50	13.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²		18-12 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-4 mm ²			Wire stripping length	12 mm 0.47 in
	Gauge	A4			Screw clamp Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		32 A / 4 mm ²		25 A / 12 AWG	Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		480 A			Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage		400 V		300 V	Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage		6000 V				
Protection			NEMA			

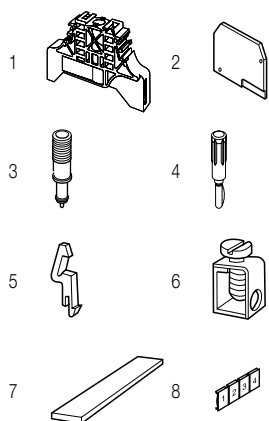
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	CSA	Gost R

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEM6	1SNA118368R1600	20	2.40
3 Test adapters	Green	DCV	1SNA173058R0200	10	2.20
	Black	FC2	1SNA007865R2600	100	
4 Test plugs					
5 Locking devices	Blue	VRB3	1SNA128035R1600	10	
6 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
7 Busbars		BO3	1SNA164406R2400	1	
8 Terminal block markers	White	RC610	1SNA233000R0100	1	7.50

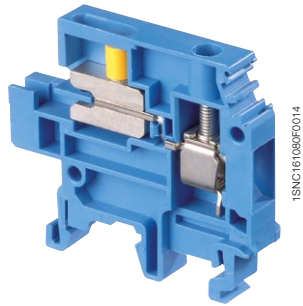
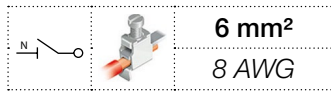
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



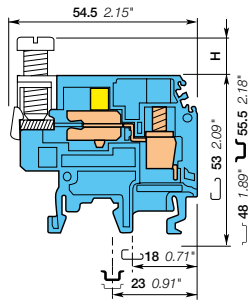
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M6/8.NT screw clamp terminal blocks

Neutral disconnect - 8 mm 0.315 in spacing



M6/8.NT



8 mm 0.315 in spacing

Description

- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect For busbar 10 x 3 mm	Blue <input type="checkbox"/>	M6/8.NT	1SNA125119R1400	50	17.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.5-10 mm ² 0.5-6 mm ² A5	18-8 AWG
Rated current / Rated cross section	41 A / 6 mm ²		50 A / 8 AWG
Rated short-time withstand current (1s)	720 A		
Rated voltage	400 V		300 V
Impulse withstand voltage	6000 V		
Protection		NEMA	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		12 mm 0.47 in
Screw clamp Tool		Flat screwdriver Ø 4-5 mm Ø 0.16-0.20 in
Torque		0.8 - 1 N.m 7.1 - 8.9 lb.in
Disconnect device Tool		Flat screwdriver Ø 4 mm Ø 0.16 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only, for more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

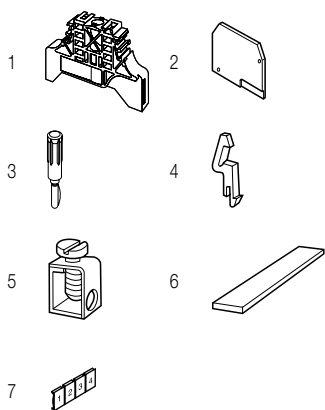
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM6	1SNA118368R1600	20	2.40
3 Test plugs	Black <input type="checkbox"/>	FC2	1SNA007865R2600	100	
4 Locking devices	Blue <input type="checkbox"/>	VRB3	1SNA128035R1600	10	
5 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
6 Busbars		BO3	1SNA164406R2400	1	
7 Terminal block markers	White <input type="checkbox"/>	RC810	1SNA234000R0200	1	8.20

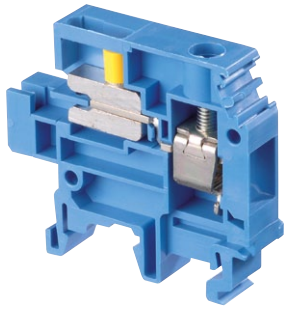
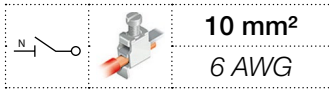
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

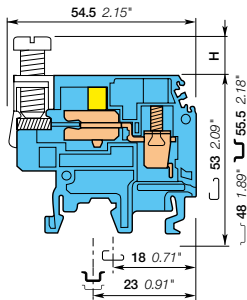


M10/10.NT screw clamp terminal blocks

Neutral disconnect - 10 mm 0.394 in spacing



M10/10.NT



10 mm 0.394 in spacing

Description

- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect For busbar 10 x 3 mm	Blue	M10/10.NT	1SNA125121R0600	50	19.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm ²		18-6 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-10 mm ²			Wire stripping length	12 mm 0.47 in
	Gauge	B6			Screw clamp Tool	Flat screwdriver Ø 5.5-6 mm Ø 0.22-0.24 in 1.2 - 1.4 N.m 10.6 - 12.3 lb.in
Rated current / Rated cross section		57 A / 10 mm ²		75 A / 6 AWG	Torque	Flat screwdriver Ø 4 mm Ø 0.16 in 0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated short-time withstand current (1s)		1200 A			Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.16 in
Rated voltage		400 V		300 V	Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Impulse withstand voltage		6000 V				
Protection			NEMA			

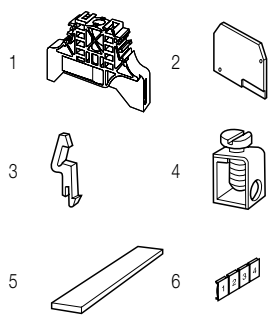
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	CSA	Gost R						
CE	RoHS	CSA	Gost R						

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey	FEM6	1SNA118368R1600	20	2.40
3 Locking devices	Blue	VRB3	1SNA128035R1600	10	
4 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
5 Busbars		BO3	1SNA164406R2400	1	
6 Terminal block markers	White	RC1010	1SNA238000R1600	1	1.30

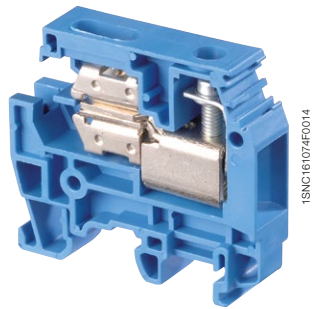
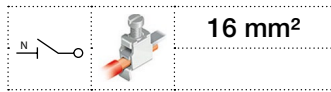
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



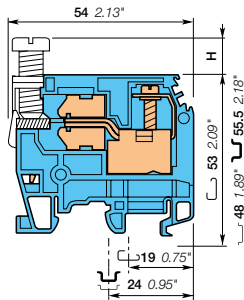
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only

M16/12.NT screw clamp terminal blocks

Neutral disconnect - 12 mm 0.472 in spacing

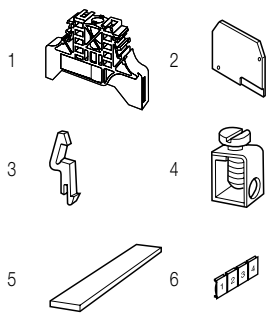


M16/12.NT



12 mm 0.472 in spacing

10



Description

- Ease the disconnection of your neutral circuits,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce)
Neutral disconnect For busbar 10 x 3 mm	Blue <input checked="" type="checkbox"/>	M16/12.NT1	1SNA125593R0000	20	26.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	2.5-25 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	2.5-16 mm ²			Wire stripping length	14 mm 0.51 in
	Gauge	B7			Screw clamp Tool	Flat screwdriver Ø 5.5 mm Ø 0.22 in 1.2 - 1.4 N.m 10.6 - 12.3 lb.in
Rated current / Rated cross section		76 A / 16 mm ²			Torque	Flat screwdriver Ø 4 mm Ø 0.16 in 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		1920 A			Disconnect device Tool	Flat screwdriver Ø 4 mm Ø 0.16 in
Rated voltage		400 V			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Impulse withstand voltage		6000 V				
Protection				NEMA		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce)
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEM6	1SNA118368R1600	20	2.40
3 Locking devices	Blue <input checked="" type="checkbox"/>	VRB3	1SNA128035R1600	10	
		VRB6	1SNA128361R0100	20	
4 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
5 Busbars		BO3	1SNA164406R2400	1	
6 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

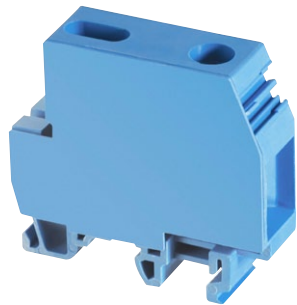
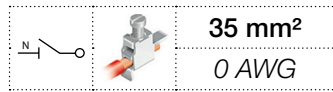
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

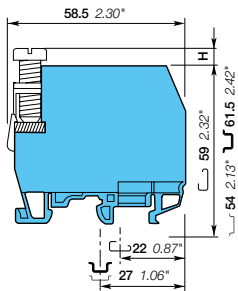
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only

M35/16.NT screw clamp terminal blocks

Neutral disconnect - 17 mm 0.669 in spacing



M35/16.NT



17 mm 0.669 in spacing

Description

- Ease the disconnection of your neutral circuits,
- Close terminal block, no end section needed,
- Compatible with screw clamp terminal blocks, wire size 2.5 mm² (5 mm 0.200 in spacing) to 16 mm² (12 mm 0.473 in spacing).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect	Blue <input checked="" type="checkbox"/>	M35/16.NT	1SNA125358R0300	20	60.00

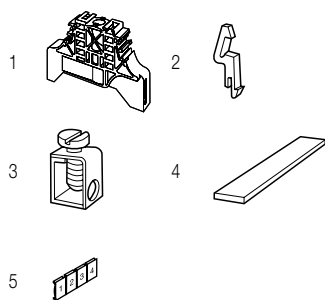
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	10-50 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	10-35 mm ²			Wire stripping length	17 mm 0.67 in
	Gauge	B9			Screw clamp Tool	Flat screwdriver Ø 6.5-7 mm Ø 0.256 - 0.276 in 2.8 - 3 Nm 24.6 - 26.1 lb.in
Rated current / Rated cross section		125 A / 35 mm ²			Torque	Flat screwdriver Ø 5.5 mm Ø 0.217 in 0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		4200 A			Disconnect device Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated voltage		400 V			Torque	0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Impulse withstand voltage		6000 V				
Protection				NEMA		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

<input checked="" type="checkbox"/> CE	<input checked="" type="checkbox"/> RoHS	<input checked="" type="checkbox"/> Gost R							
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Accessories



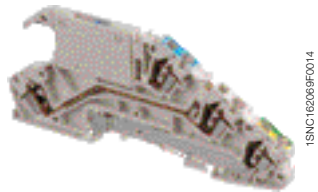
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Locking devices	Blue <input checked="" type="checkbox"/>	VRB3	1SNA128035R1600	10	
3 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
4 Busbars		BO3	1SNA164406R2400	1	
5 Terminal block markers	White <input type="checkbox"/>	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

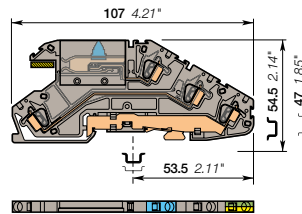
D2.5/5.NTLP.L spring terminal blocks

Installation - 5 mm 0.197 in spacing



D2.5/5.NTLP.L

1SNC162038502014



5 mm 0.197 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation	Disconnect neutral with busbar connection + feed-through + ground circuits	Grey, blue, green-yellow	D2.5/5.NTLP.L	1SNA290322R0100	40 15.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm ²	26-12 AWG
	Flexible	0.14-2.5 mm ²	
	with non insulated ferrule with insulated ferrule	0.5-2.5 mm ²	
Gauge	A2		
Rated current / Rated cross section	20 A / 2.5 mm ²	20 A / 12 AWG	
Rated short-time withstand current (1s)	300 A		
Rated voltage	250 V	300 V	
Impulse withstand voltage	4000 V		
Protection	IP20	NEMA 1	

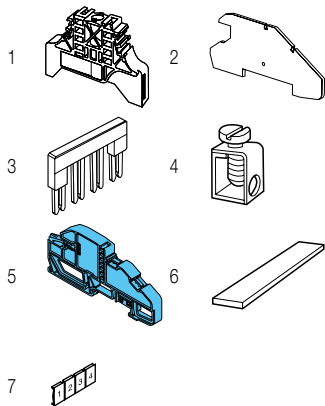
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



10



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End sections	Grey	FED5.L.A	1SNA291559R0400	20	5.50	
3 Jumper bars	Orange	2 poles	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
		4 Clamps		SFB1	1SNA163860R0500	50
		SFB2	1SNA168956R0600	50	11.00	
5 Distribution bar holders	Blue	SPBO.NT.L	1SNA399886R2100	20	12.00	
6 Busbars		BO3	1SNA164406R2400	1		
7 Terminal block markers	White	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Installation spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation	2 feed-through circuits	Grey	D2.5/5.LL.L	1SNA290328R1700	40 13.00

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

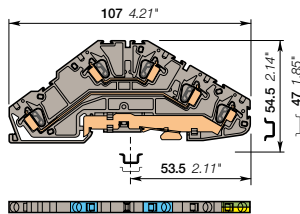
D2.5/5.NLP.L spring terminal blocks

Installation - 5 mm 0.197 in spacing



1SNC162039S0201

D2.5/5.NLP.L



5 mm 0.197 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Neutral + feed-through + ground circuits	Grey, blue, Green-yellow	D2.5/5.NLP.L	1SNA290324R0300	40	17.00

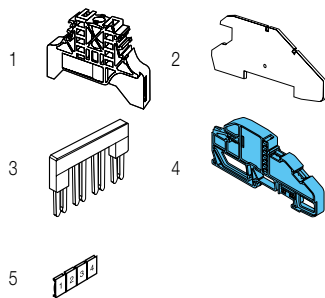
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm ²	26-12 AWG		Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.14-2.5 mm ²			Wire stripping length	9.5 mm 0.37 in
	with insulated ferrule Gauge	0.5-2.5 mm ² A2			Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm ²	20 A / 12 AWG			
Rated short-time withstand current (1s)		300 A				
Rated voltage		250 V	300 V			
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

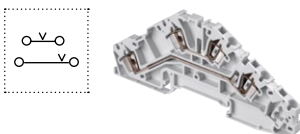
RoHS	RoHS	UL	UL	CSA	CSA
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Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End sections	Grey	FED5.L.B	1SNA291560R0100	20	5.50	
3 Jumper bars	Orange	2 poles	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Distribution bar holders	Blue	SPB0.NTL	1SNA399886R2100	20	12.00	
5 Terminal block markers Blank card	White	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



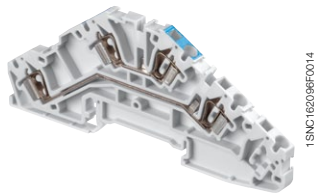
Installation spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 2 feed-through circuits	Grey	D2.5/5.LLL.L	1SNA290328R1700	40	13.00

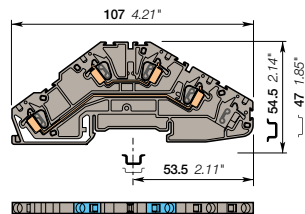
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D2.5/5.NL.L spring terminal blocks

Installation - 5 mm 0.197 in spacing



D2.5/5.NL.L



5 mm 0.197 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Neutral + feed-through circuits	Grey, blue	D2.5/5.NL.L	1SNA290330R1500	40	13.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp			
Rigid - Solid / Stranded	0.14-4 mm ²	26-12 AWG	
Flexible	0.14-2.5 mm ²		
with non insulated ferrule			
with insulated ferrule	0.5-2.5 mm ²		
Gauge	A2		
Rated current / Rated cross section	24 A / 2.5 mm ²	20 A / 12 AWG	
Rated short-time withstand current (1s)	300 A		
Rated voltage	400 V	300 V	
Impulse withstand voltage	6000 V		
Protection	IP20	NEMA 1	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

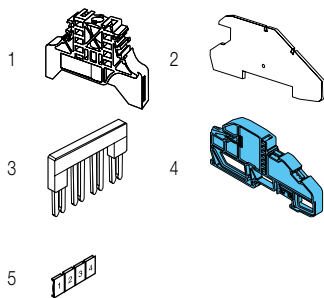
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End sections	Grey	FED5.L.B	1SNA291560R0100	20	5.50	
3 Jumper bars	Orange	2 poles	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Distribution bar holders	Blue	SPBO.NT.L	1SNA399886R2100	20	12.00	
5 Terminal block markers	White	RC55	1SNA230000R1200	1	2.90	

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Installation spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 2 feed-through + ground circuits	Grey, green-yellow	D2.5/5.LLPL	1SNA290326R0500	40	17.00

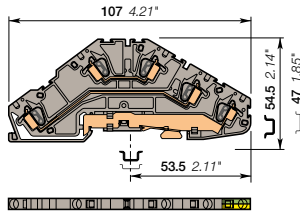
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/5.LLP.L spring terminal blocks

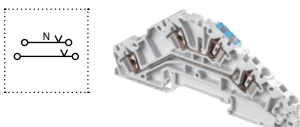
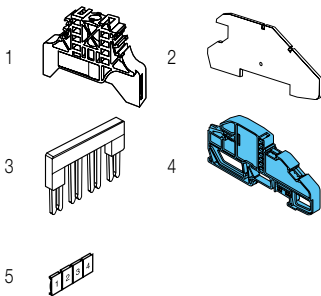
Installation - 5 mm 0.197 in spacing



D2.5/5.LLP.L



5 mm 0.197 in spacing



Description

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 2 feed-through + ground circuits	Grey, Green-yellow	D2.5/5.LLP.L	1SNA290326R0500	40	17.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm ²	26-12 AWG		Rail	 TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.14-2.5 mm ²			Wire stripping length	 9.5 mm 0.37 in
	with insulated ferrule Gauge	0.5-2.5 mm ² A2			Tool	 Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm ²	20 A / 12 AWG			
Rated short-time withstand current (1s)		300 A				
Rated voltage		250 V	300 V			
Impulse withstand voltage		4000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	UL	CCC	Gost R						
RoHS	UL	CCC	Gost R						

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End sections	Grey	FED5.L.B	1SNA291560R0100	20	5.50
3 Jumper bars	Orange	BJDL5-2	1SNA291102R2300	50	1.00
		BJDL5-3	1SNA291103R2400	50	0.70
		BJDL5-4	1SNA291104R2500	50	0.80
		BJDL5-5	1SNA291105R2600	20	0.90
		BJDL5-10	1SNA291110R2600	20	1.20
4 Distribution bar holders	Blue	SPBO.NTL	1SNA399886R2100	20	12.00
5 Terminal block markers	White	RC55	1SNA230000R1200	1	2.90

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

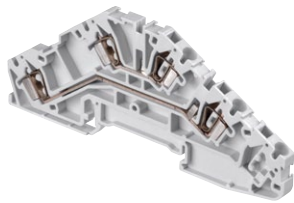
Installation spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation Neutral + feed-through circuits	Grey, blue	D2.5/5.NLL	1SNA290330R1500	40	13.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

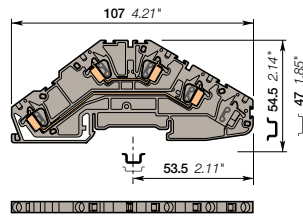
D2.5/5.LL.L spring terminal blocks

Installation - 5 mm 0.197 in spacing



1SNC162042S02014

D2.5/5.LL.L



5 mm 0.197 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation,
- Save space with compact angled terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Installation 2 feed-through circuits	Grey <input type="checkbox"/>	D2.5/5.LL.L	1SNA290328R1700	40	13.00

Main technical data

	IEC	UL	CSA	
1 conductor per clamp	Rigid - Solid / Stranded	0.14-4 mm ²	26-12 AWG	
	Flexible	0.14-2.5 mm ²		
	with non insulated ferrule	0.5-2.5 mm ²		
	with insulated ferrule	A2		
Gauge				
Rated current / Rated cross section	24 A / 2.5 mm ²	20 A / 12 AWG		
Rated short-time withstand current (1s)	300 A			
Rated voltage	400 V	300 V		
Impulse withstand voltage	6000 V			
Protection	IP20	NEMA 1		

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

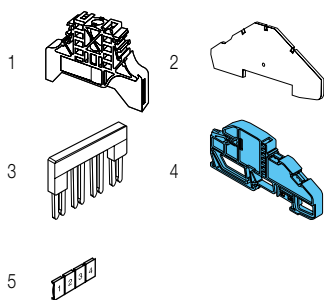
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BADL	1SNA399903R0200	50	4.70	
		BAM2	1SNA206351R1600	50	12.00	
2 End sections	Grey <input type="checkbox"/>	FED5.L.B	1SNA291560R0100	20	4.75	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 24 A	1SNA291102R2300	50	1.00	
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Distribution bar holders	Blue <input type="checkbox"/>	SPBO.NT.L	1SNA399886R2100	20	12.00	
5 Terminal block markers	White <input type="checkbox"/>	RC55	1SNA230000R1200	1	2.90	

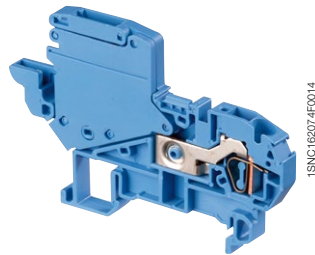
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



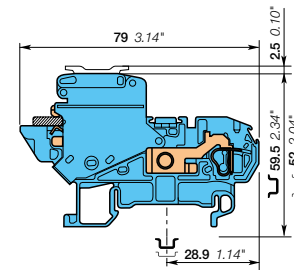
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D4/6.NT.L spring terminal blocks

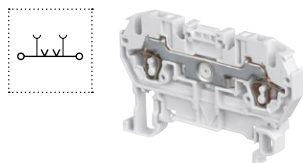
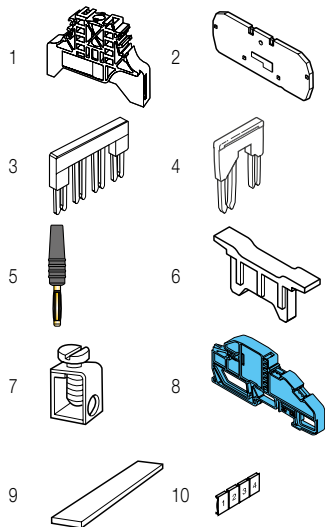
Neutral disconnect - 6 mm 0.236 in spacing



D4/6.NT.L



6 mm 0.236 in spacing



Description

- Specially developed for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect With busbar connection Busbar : 10 x 3 mm 0.394 x 0.118 in	Blue	D4/6.NT.L	1SNA399586R2400	50	18.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2-6 mm ² 0.22-4 mm ² 0.5-2.5 mm ² A4		
Rated current / Rated cross section	32 A / 4.0 mm ²			Rail TH 35-7.5, TH 35-15
Rated short-time withstand current (1s)	480 A			Wire stripping length 11 mm 0.43 in
Rated voltage	400 V			Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Impulse withstand voltage	6000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	Gost R				
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADL BAM2	1SNA399903R0200 1SNA206351R1600	50 50	4.70 12.00
2 End sections	Blue	FED6.NL	1SNA399588R0600	20	1.60
3 Jumper bars	Orange	BJDL6-2 BJDL6-3 BJDL6-4 BJDL6-5	1SNA291128R2400 1SNA291129R2500 1SNA291194R1700 1SNA291195R1000	50 50 50 20	0.30 0.40 0.50 0.60
4 Cross spacing jumpers	Orange	BJDPL5.6-2 BJDPL6.8-2 BJDPL6.10-2 BJDPL6.12-2	1SNA291150R0600 1SNA291170R0200 1SNA291482R1000 1SNA399613R0600	20 20 20 20	0.20 0.20 1.00 3.10
5 Test plugs	Black	FC2.MC	1SNA107239R0300	20	1.00
6 Locking devices	Orange	VRPA1	1SNA399587R2500	20	3.00
7 Clamps		SFB1 SFB2	1SNA163860R0500 1SNA168956R0600	50 50	12.00 11.00
8 Distribution bar holders	Blue	SPBO.NT.L	1SNA399886R2100	20	12.00
9 Busbars		BO3	1SNA164406R2400	1	
10 Terminal block markers	White	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

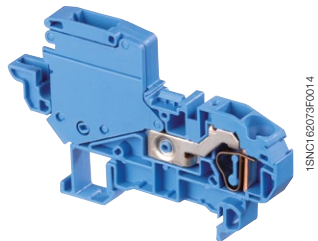
Feed-through spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey	D4/6.2L	1SNA290061R0700	50	8.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

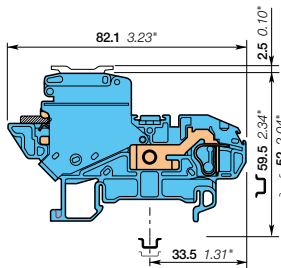
D6/8.NT.L spring terminal blocks

Neutral disconnect - 8 mm 0.315 in spacing



1SNC162079C0014

D6/8.NT.L



8 mm 0.315 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect With busbar connection Busbar : 10 x 3 mm 0.394 x 0.118 in	Blue ■	D6/8.NT.L	1SNA399589R0700	50	25.00

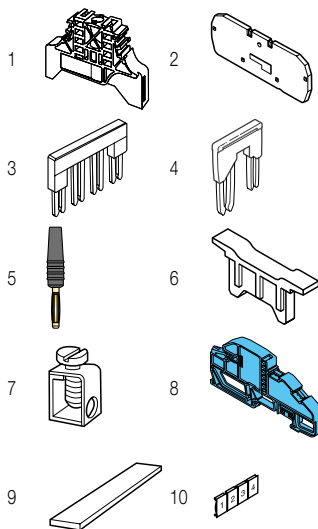
Main technical data

	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm ²		Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.5-6 mm ²		Wire stripping length	13 mm 0.53 in
	with insulated ferrule	0.5-4 mm ²		Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	Gauge	A5			
Rated current / Rated cross section	41 A / 6.0 mm ²				
Rated short-time withstand current (1s)	720 A				
Rated voltage	400 V				
Impulse withstand voltage	6000 V				
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <small>RoHS</small>	
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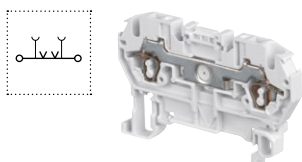
10



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey ■	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End sections	Blue ■	FED8.NL	1SNA399590R0400	20	1.60
3 Jumper bars	Orange ■	BJDL8-2	1SNA291122R1600	50	0.20
		BJDL8-3	1SNA291123R1700	50	0.40
		BJDL8-4	1SNA291144R2400	50	0.50
		BJDL8-5	1SNA291145R2500	20	3.90
4 Cross spacing jumpers	Orange ■	BJDPL6.8-2	1SNA291170R0200	20	0.20
		BJDPL8.10-2	1SNA291484R1200	20	1.50
5 Test plugs	Black ■	FC2.MC	1SNA107239R0300	20	1.00
6 Locking devices	Orange ■	VRPA1	1SNA399587R2500	20	3.00
7 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
8 Distribution bar holders	Blue ■	SPBO.NT.L	1SNA399886R2100	20	12.00
9 Busbars		BO3	1SNA164406R2400	1	
10 Terminal block markers	White ■	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



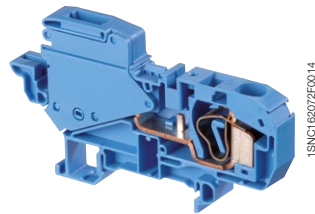
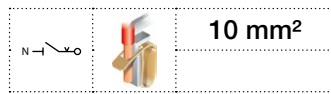
Feed-through spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey ■	D6/8.2L	1SNA290081R2400	50	12.00

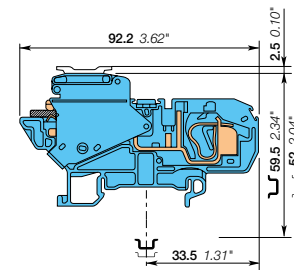
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

D10/10.NT.L spring terminal blocks

Neutral disconnect - 10 mm 0.394 in spacing



D10/10.NT.L



10 mm 0.394 in spacing

Description

- Specially developed for TN-C-S Network,
- Easy disconnection of neutral for isolation,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

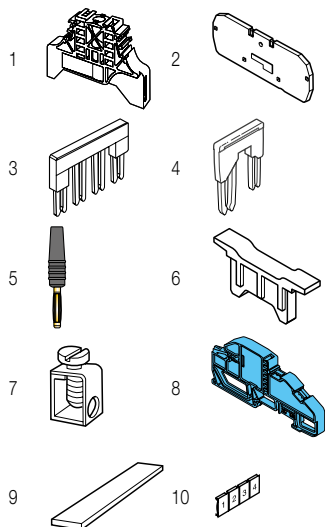
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Neutral disconnect With busbar connection Busbar : 10 x 3 mm 0.394 x 0.118 in	Blue	D10/10.NT.L	1SNA399591R2100	25	37.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.5-16 mm ² 0.5-10 mm ² 0.5-10 mm ² A6		Rail Wire stripping length Tool
Rated current / Rated cross section	57 A / 10.0 mm ²			TH 35-7.5, TH 35-15
Rated short-time withstand current (1s)	1200 A			12.5 mm 0.49 in
Rated voltage	400 V			Flat screwdriver Ø 5.5 mm Ø 0.217 in
Impulse withstand voltage	6000 V			
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	Gost R								
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End sections	Blue	FED10.NL	1SNA399592R2200	20	4.50
3 Jumper bars	Orange	BJDL1.10.2	1SNA291472R2500	50	2.45
		BJDL1.10.3	1SNA291474R2700	50	3.65
		BJDL1.10.4	1SNA291476R2100	50	4.86
		BJDL1.10-5	1SNA291478R0300	50	6.05
4 Cross spacing jumpers	Orange	BJDPL5.10-2	1SNA291480R2200	20	0.50
		BJDPL6.10-2	1SNA291482R1000	20	1.00
		BJDPL8.10-2	1SNA291484R1200	20	1.50
5 Test plugs	Black	FC2.MC	1SNA107239R0300	20	1.00
6 Locking devices	Orange	VRPA1	1SNA399587R2500	20	3.00
7 Clamps		SFB1	1SNA163860R0500	50	12.00
		SFB2	1SNA168956R0600	50	11.00
8 Distribution bar holders	Blue	SPBO.NTL	1SNA399886R2100	20	12.00
9 Busbars		BO3	1SNA164406R2400	1	12.00
10 Terminal block markers	White	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

Solution series, terminal blocks

Protection



Overview 232

Screw clamp technology

Ground + neutral

10 mm ²	M10/10.PE.N	233
16 mm ²	M16/12.PE.N	234
35 mm ²	M35/16.PE.N	235

Spring clamp technology

Ground + neutral

16 mm ²	D16/12.PEN.2L	236
35 mm ²	D35/16.PEN.2L	237

Solution series, terminal blocks

Protection

Screw clamp technology



PEN



Feed-through

Section

IEC UL/CSA



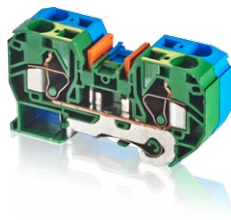
10 mm²		M10/10.PE.N 20 mm 0.787 in	M10/10 10 mm 0.394 in
16 mm²		M16/12.PE.N 24 mm 0.945 in	M16/12 12 mm 0.472 in
35 mm²		M35/16.PE.N 32 mm 1.260 in	M35/16 16 mm 0.630 in

Main catalog
SNA series, terminal blocks

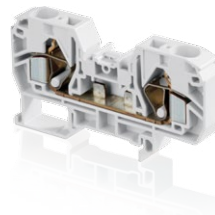


Spring clamp technology

11



PEN



Feed-through

Section

IEC UL/CSA



16 mm²		D16/12.PEN.2L 24 mm 0.945 in	D16/12.2L 12 mm 0.472 in
35 mm²		D35/16.PEN.2L 32 mm 1.260 in	D35/16.2L 16 mm 0.630 in

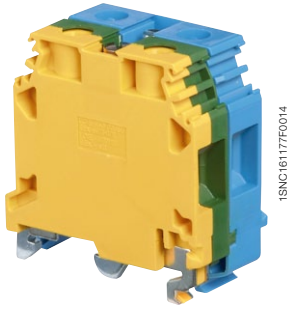
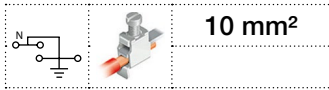
Main catalog
SNA series, terminal blocks



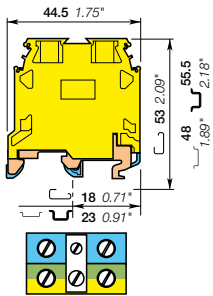
All the technical data for UL/CSA standard and dimensions in inches are in italic.

M10/10.PE.N screw clamp terminal blocks

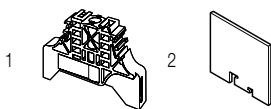
Ground + neutral - 20 mm 0.787 in spacing



M10/10.PE.N



20 mm 0.787 in spacing



Description

- Simplify your PE.N connection with M10/10.P block connected to M10/10.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground + neutral	Green-yellow, blue	M10/10.PE.N	1SNA165683R2200	20	53.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-10 mm ²			Wire stripping length	12 mm 0.47 in
	Gauge	B6			Screw clamp Tool	Flat screwdriver Ø 5.5 mm Ø 0.22 in
Rated cross section		10 mm ²			Torque	1.2 - 1.4 N.m 10.6 - 12.3 lb.in
Rated short-time withstand current (1s)		1200 A			Rail connection screw Tool	Flat screwdriver Ø 4 mm Ø 0.16 in
					Torque	0.8 N.m 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	PC	Gost R							
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Accessories

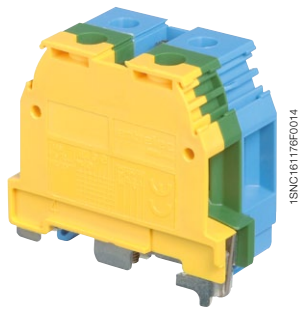
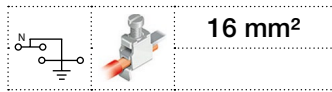
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Circuit separators	Grey	SCFEX1	1SNA103619R0400	10	30.00
		SCFEX3	1SNA103620R0100	10	30.00
		SCFM6	1SNA114825R0500	20	4.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

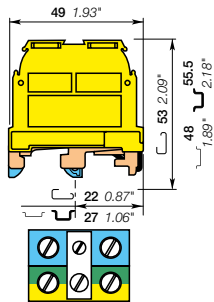
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M16/12.PE.N screw clamp terminal blocks

Ground + neutral - 24 mm 0.945 in spacing



M16/12.PE.N



24 mm 0.945 in spacing

Description

- Simplify your PE.N connection with M16/12.P block connected to M16/12.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground + neutral	Green-yellow, blue	M16/12.PE.N	1SNA165680R0300	20	68.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	2.5-25 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	2.5-16 mm ²			Wire stripping length	14 mm 0.55 in
	Gauge	B7			Screw clamp Tool	Flat screwdriver Ø 5.5 mm Ø 0.22 in
					Torque	1.2 - 1.4 N.m 10.6 - 12.3 lb.in
Rated cross section		16 mm ²			Rail connection screw Tool	Flat screwdriver Ø 5.5 mm Ø 0.22 in
Rated short-time withstand current (1s)		1920 A			Torque	1 N.m 8.8 lb.in

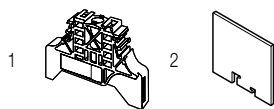
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R							
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Accessories

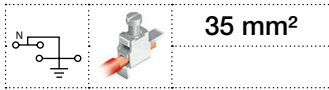
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 Circuit separators	Grey	SCFEX1	1SNA103619R0400	10	30.00
		SCFEX3	1SNA103620R0100	10	30.00
		SCFM6	1SNA114825R0500	20	4.00

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

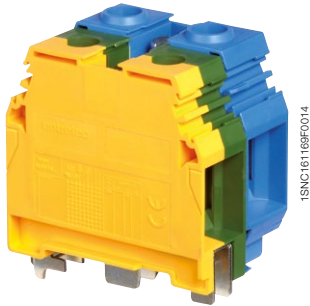


M35/16.PE.N screw clamp terminal blocks

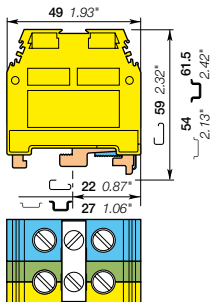
Ground + neutral - 32 mm 1.260 in spacing



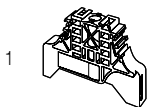
35 mm²



M35/16.PE.N



32 mm 1.260 in spacing



1

Description

- Simplify your PE.N connection with M35/16.P block connected to M35/16.N block through a pre-mounted jumper,
- Adapted to TNS and TNC-S electrical network.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground + neutral	Green-yellow, blue	M35/16.PE.N	1SNA165575R2500	10	119.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	4-50 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	4-35 mm ²			Wire stripping length	17 mm 0.67 in
	Gauge	B9			Screw clamp Tool	Flat screwdriver Ø 7 mm Ø 0.32 in
					Torque	2.8 - 3 N.m 24.6 - 26.1 lb.in
Rated cross section		35 mm ²			Rail connection screw Tool	Flat screwdriver Ø 5.5 mm Ø 0.22 in
Rated short-time withstand current (1s)		4200 A			Torque	1 N.m 8.8 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	Gost R								
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	10 mm 0.394 in	Grey <input type="checkbox"/> BAM2	1SNA206351R1600	50	12.00
	9 mm 0.354 in	BADL	1SNA399903R0200	50	4.70

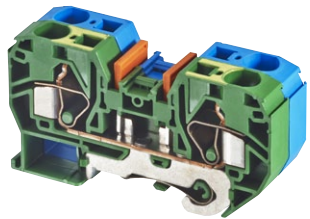
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

D16/12.PEN.2L spring terminal blocks

Ground + neutral - 24 mm 0.945 in spacing

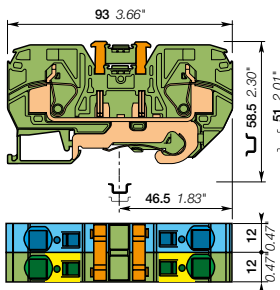


16 mm²



1SNC162115F0014

D16/12.PEN.2L



24 mm 0.945 in spacing

Description

Simplify your PEN connection with D16/12.P block connected to D16/12.N block with a removable jumper,

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

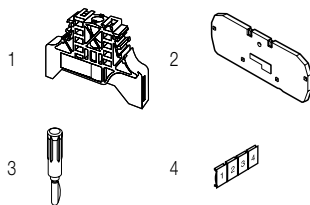
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground + Neutral	Screwless rail connection Green-yellow, blue	D16/12.PEN.2L	1SNA399631R0000	5	98.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-25 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule with insulated ferrule	0.5-16 mm ²			Wire stripping length	19 mm 0.75 in
	Gauge	A7			Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
Rated current / Rated cross section		76 A / 16 mm ²				
Rated short-time withstand current (1s)		1920 A				
Rated voltage		1000 V				
Impulse withstand voltage		8000 V				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	PC	RoHS	PC	RoHS	PC	RoHS	PC	RoHS	PC
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Accessories

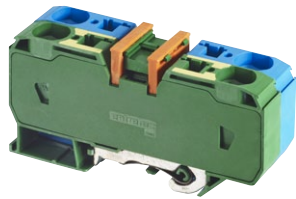
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 End sections	Grey	FED12.2L	1SNA399571R0400	10	5.00
3 Test plugs	Black	FC2	1SNA007865R2600	100	
4 Terminal block markers	White	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

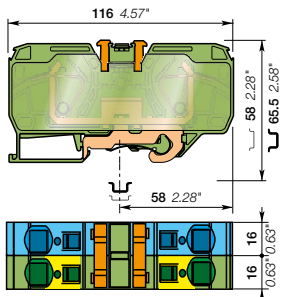
D35/16.PEN.2L spring terminal blocks

Ground + neutral - 32 mm 1.260 in spacing



1SNC162116F0014

D35/16.PEN.2L



32 mm 1.260 in spacing

Description

Simplify your PEN connection with D35/16.P block connected to D35/16.N block with a removable jumper,

- Specially developed for TN-C-S Network,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

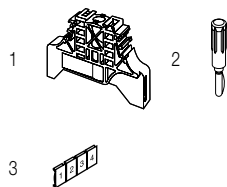
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground + neutral Screwless rail connection	Green-yellow, blue	D35/16.PEN.2L	1SNA399668R2500	5	236.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	2.5-50 mm ²			Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	2.5-35 mm ²			Wire stripping length	26 mm 1.02 in
	Flexible with insulated ferrule				Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
	Gauge	A9				
Rated current / Rated cross section		125 A / 35 mm ²				
Rated short-time withstand current (1s)		4200 A				
Rated voltage		1000 V				
Impulse withstand voltage		8000 V				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS	RoHS	PC	Gost R						
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Accessories

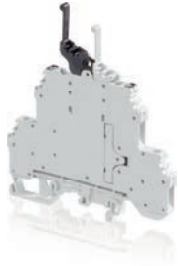
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey	BADL	1SNA399903R0200	50	4.70
		BAM2	1SNA206351R1600	50	12.00
2 Test plugs	Black	FC2	1SNA007865R2600	100	
3 Terminal block markers	White	RC1010	1SNA238000R1600	1	1.30

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

Solution series, terminal blocks

Disconnect



Overview

240

Screw clamp technology

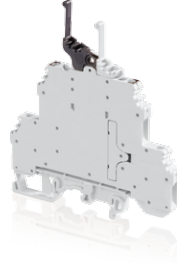
Disconnect with pull lever

4 mm ² / 10 AWG	M4/6.D2.2S2	2 disconnect circuits	241
	M4/6.D2.2S2.T	2 disconnect circuits and test	242
	M4/6.D2.S1R	Change over type	243
	M4/6.D2.S1R.T	Change over type and test	244





Solution series, terminal blocks

Disconnect

Screw clamp technology

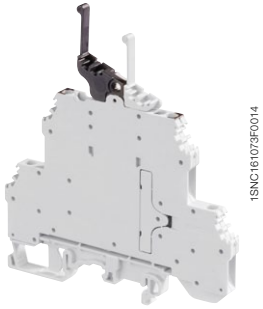
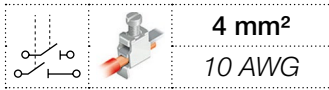


Disconnect with pull lever

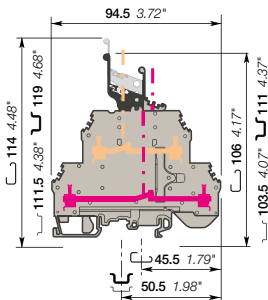
Section					
IEC	UL/CSA				
4 mm²	10 AWG	M4/6.D2.2S2	M4/6.D2.2S2.T	M4/6.D2.S1R	M4/6.D2.S1R.T
		<i>6 mm 0.236 in</i>	<i>6 mm 0.236 in</i>	<i>6 mm 0.236 in</i>	<i>6 mm 0.236 in</i>

M4/6.D2.2S2 screw clamp terminal blocks

Disconnect with pull lever - with 2 independent circuits - 6 mm 0.236 in spacing



M4/6.D2.2S2



6 mm 0.236 in spacing

Description

- Save space with double deck terminal blocks: 2 independent disconnect circuits in just 6 mm 0.236 in spacing,
- Black pull lever controls upper deck contact and grey pull lever controls lower deck contact,
- Closed terminal block: no end section needed.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 independent circuits	Grey, black	M4/6.D2.2S2	1SNA199444R2500	25	30.00

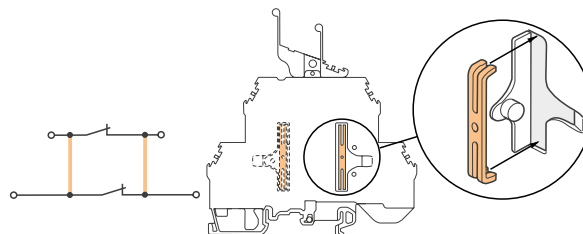
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²		24-10 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²			Wire stripping length	9.5 mm 0.374 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		10 A / 4 mm ²		10 A / 10 AWG	Torque	0.5 - 0.8 Nm 4.4 - 7.1 lb.in
Rated short-time withstand current (1s)		120 A				
Rated voltage		500 V		300 V		
Impulse withstand voltage		6000 V				
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	RoHS	cCSAus	PC	Gost R
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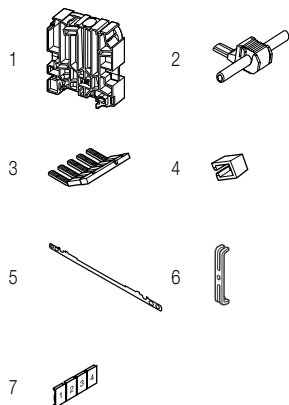
Notes



Mounting of the vertical jumper bar between decks (ITVE2)

Interconnection between decks is possible on each side of the switch, using accessory ITVE2.

Trap door opens with a screwdriver.



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 Jumper bars 1 poles 24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
3 Lateral jumper bars 2 poles 35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		PC6-3	1SNA116536R0500	10	2.00
		PC6-4	1SNA116537R0600	10	3.00
		PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips For lateral jumper bars type PC...		EIP	1SNA113550R2400	10	
5 Shield connectors		CBD2S	1SNA178408R1400	50	
6 Inner deck jumper bars		ITVE2	1SNA179825R2600	20	1.30
7 Terminal block markers Blank card	White	RC610	1SNA233000R0100	1	7.50

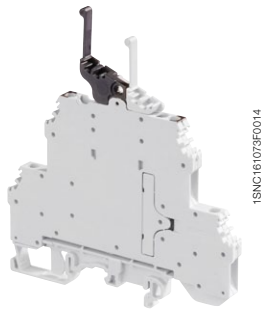
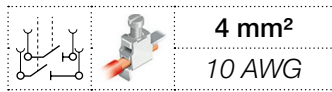
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

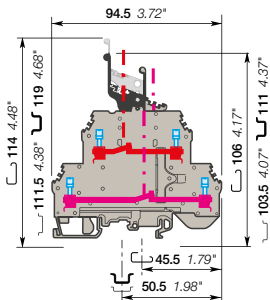
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.D2.2S2 screw clamp terminal blocks

Disconnect with pull lever with 2 independent circuits and 4 test sockets - 6 mm 0.236 in spacing



M4/6.D2.2S2



6 mm 0.236 in spacing

Description

- Save space with double deck terminal blocks: 2 independent disconnect circuits in just 6 mm 0.236 in spacing,
- Black pull lever controls upper deck contact and grey pull lever controls lower deck contact,
- Ease your test operations with the 2 built-in test sockets,
- Closed terminal block: no end section needed.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With 2 independent circuits and 4 test sockets DIA 2 mm 0.079 in	Grey, black	M4/6.D2.2S2.T	1SNA199448R0100	25	30.00

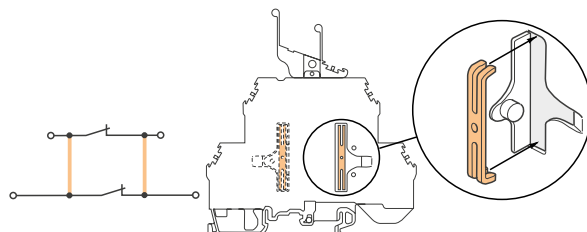
Main technical data

		IEC	UL	CSA	Mounting instructions	
					Rail	
1 conductor per clamp	Rigid Solid / Stranded	0.2-4 mm ²		24-10 AWG	Wire stripping length	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.2-4 mm ²				9.5 mm 0.374 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		10 A / 4 mm ²		10 A / 10 AWG		
Rated short-time withstand current (1s)		120 A				
Rated voltage		500 V		300 V		
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	Gost-R				
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Notes



Mounting of the vertical jumper bar between decks (ITVE2)
Interconnection between decks is possible on each side of the switch, using accessory ITVE2.
Trap door opens with a screwdriver.

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 Jumper bars 1 poles 24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
3 Lateral jumper bars 2 poles 35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		PC6-3	1SNA116536R0500	10	2.00
		PC6-4	1SNA116537R0600	10	3.00
		PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips For lateral jumper bars type PC...		EIP	1SNA113550R2400	10	
5 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
6 Shield connectors		CBD2S	1SNA178408R1400	50	
7 Inner deck jumper bars		ITVE2	1SNA179825R2600	20	1.30
8 Terminal block markers Blank card	White	RC610	1SNA233000R0100	1	7.50

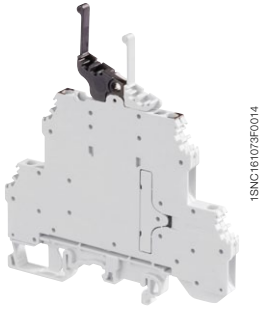
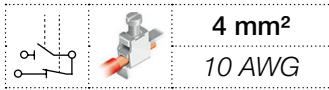
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

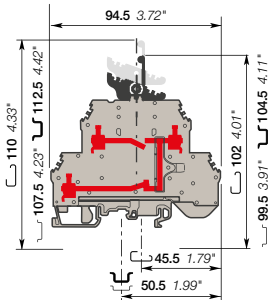
M4/6.D2.S1R screw clamp terminal blocks

Disconnect with pull lever - change over type

6 mm 0.236 in spacing



M4/6.D2.S1R



6 mm 0.236 in spacing

Description

- Direct a signal either to the upper deck (contact control pull lever in high position), or to the lower deck (pull lever in low position) with just one operation,
- Closed terminal block: no end section needed.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Change over type	Grey, black	M4/6.D2.S1R	1SNA199452R2500	25	30.00

Main technical data

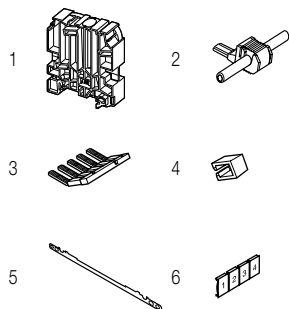
		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²		24-10 AWG
	Flexible with insulated ferrule	0.2-4 mm ²		
	Gauge	A4		
Rated current / Rated cross section		10 A / 4 mm ²		10 A / 10 AWG
Rated short-time withstand current (1s)		120 A		
Rated voltage		500 V		300 V
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.374 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.8 Nm 4.4 - 7.1 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	Gost R



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 Jumper bars 1 poles 24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
3 Lateral jumper bars 2 poles 35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		PC6-3	1SNA116536R0500	10	2.00
		PC6-4	1SNA116537R0600	10	3.00
		PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips For lateral jumper bars type PC...		EIP	1SNA113550R2400	10	
5 Shield connectors		CBD2S	1SNA178408R1400	50	
6 Terminal block markers Blank card	White	RC610	1SNA233000R0100	1	7.50

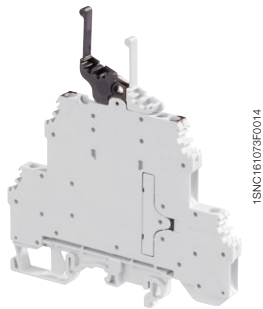
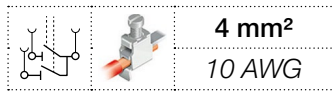
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

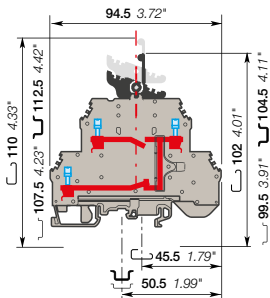
M4/6.D2.S1R screw clamp terminal blocks

Disconnect with pull lever - change over type with 3 test sockets

6 mm 0.236 in spacing



M4/6.D2.S1R



6 mm 0.236 in spacing

Description

- Direct a signal either to the upper deck (contact control pull lever in high position), or to the lower deck (pull lever in low position) with just one operation,
- Ease your test operations with the built-in test sockets,
- Closed terminal block: no end section needed.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect Change over type with 3 test sockets DIA 2 mm 0.079 in	Grey, black	M4/6.D2.S1R.T	1SNA199456R2100	25	30.00

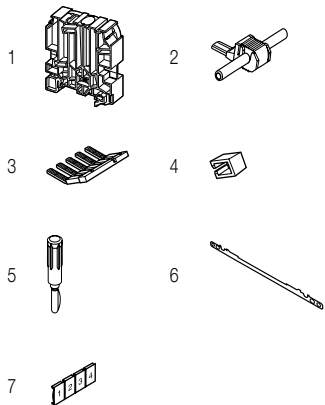
Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.2-4 mm ² A4	24-10 AWG	Rail G32, TH 35-7.5, TH 35-15 Wire stripping length 9.5 mm 0.374 in Tool Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section	10 A / 4 mm ²		10 A / 10 AWG	
Rated short-time withstand current (1s)	120 A			
Rated voltage	500 V		300 V	
Impulse withstand voltage	6000 V			
Protection	IP20		NEMA 1	Torque 0.5 - 0.6 Nm 4.4 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	cCSAus	Gost R				
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12

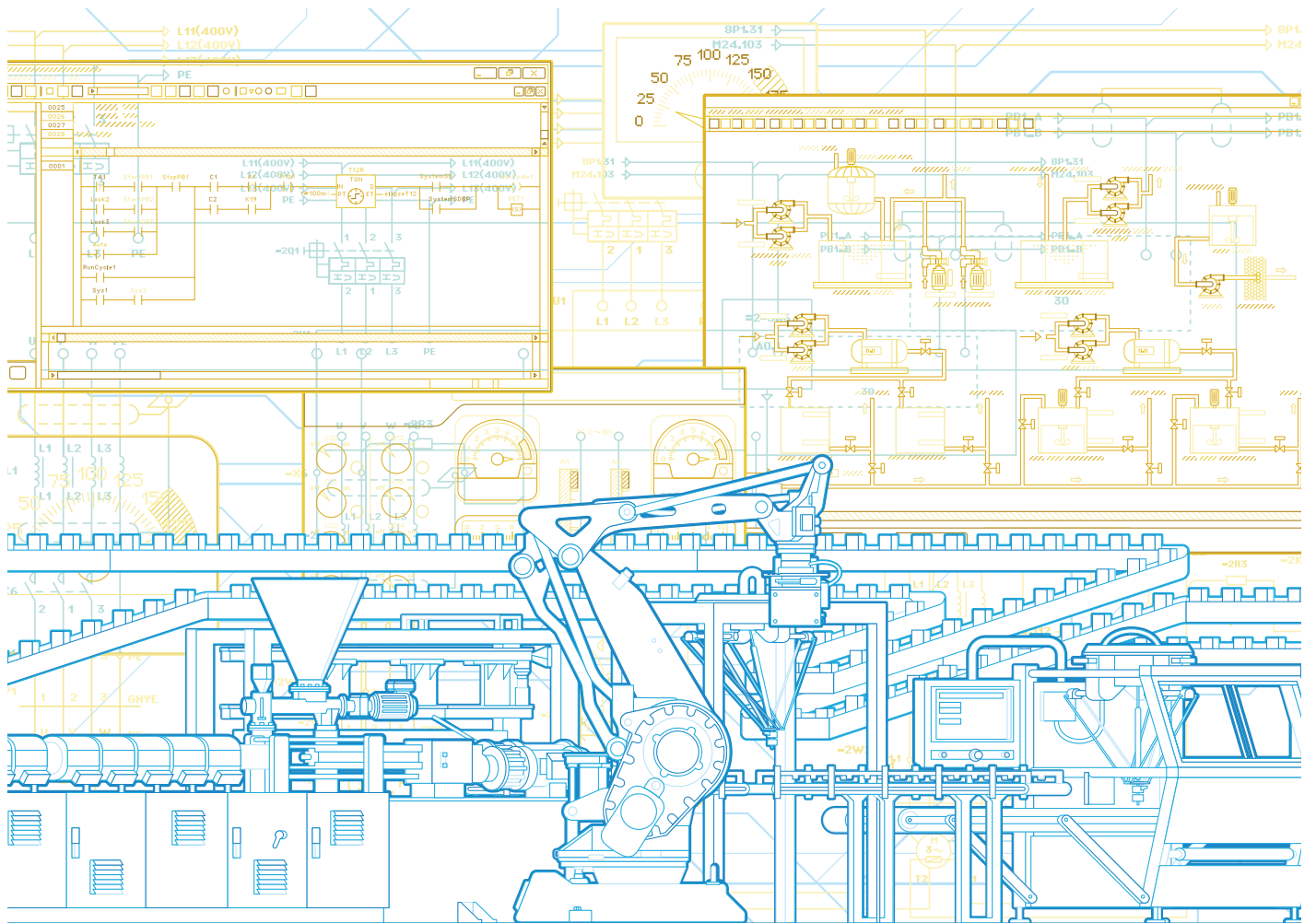


Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey	BADH	1SNA116900R2700	50	24.00
2 Jumper bars 1 poles 24 A	Grey	AD2.5	1SNA114205R2000	50	1.60
3 Lateral jumper bars 2 poles 35 A	Grey	PC6-2	1SNA113546R1400	10	2.00
		PC6-3	1SNA116536R0500	10	2.00
		PC6-4	1SNA116537R0600	10	3.00
		PC6-10	1SNA113548R2600	10	8.00
4 Insulating tips For lateral jumper bars type PC...		EIP	1SNA113550R2400	10	
5 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	
6 Shield connectors		CBD2S	1SNA178408R1400	50	
7 Terminal block markers Blank card	White	RC610	1SNA233000R0100	1	7.50

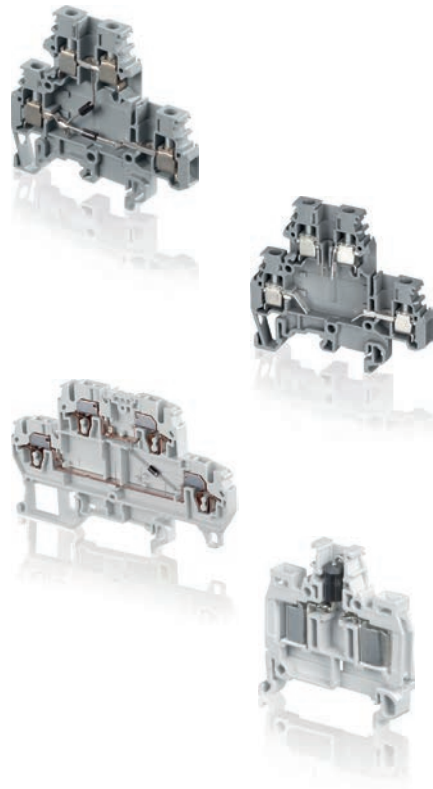
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.



Solution series, terminal blocks

Component holder



Overview

248

Screw clamp technology

Component holder

4 mm² / 12 AWG

M4/6.DE1.D	With 2 diodes	249
M4/6.DE1.D1	With 2 diodes	250
M4/6.DE2.D	With 2 diodes	251
M4/6.DD	With 1 diode	252
M4/6.DD1	With 1 diode	253
M4/6.DE	Open circuit	254
M4/6.DE1	Open circuit	255
M4/6.DE2	Open circuit	256

Spring clamp technology

Component holder

2.5 mm² / 12 AWG

D2.5/5.DD.L	With diode	257
D2.5/5.DL.L	With red led	258
D2.5/5.DE2.L	Open circuit	259

ADO - ADO technology

Component holder

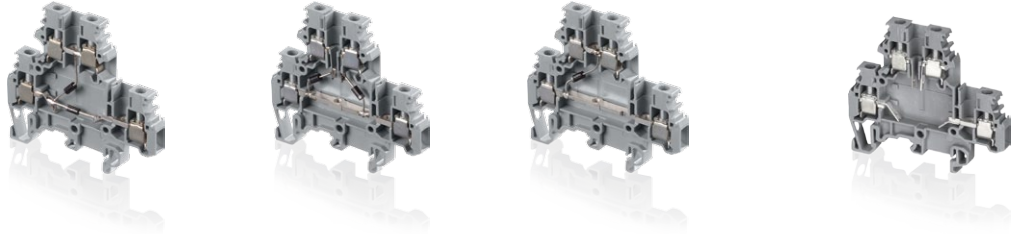
1.5 mm²

D1.5/6.ADO.D1	With diode	260
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







Solution series, terminal blocks

Component holder

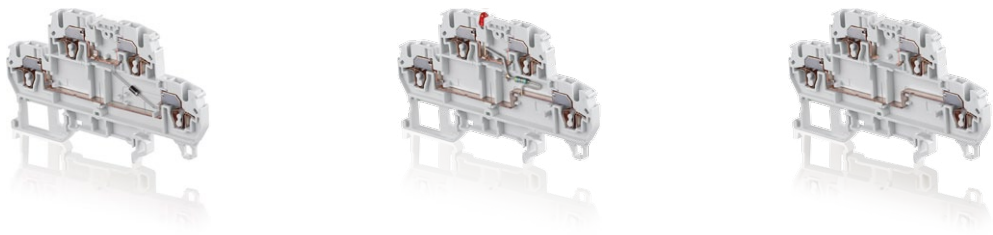
Screw clamp technology



Component holder

Section									
IEC	UL/CSA	M4/6.DE1.D	M4/6.DE1.D1	M4/6.DE2.D	M4/6.DD	M4/6.DD1	M4/6.DE	M4/6.DE1	M4/6.DE2
4 mm²	12 AWG	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in	6 mm 0.236 in

Spring clamp technology



Component holder

Section				
IEC	UL/CSA	D2.5/5.DD.L	D2.5/5.DL.L	D2.5/5.DE2.L
2.5 mm²	12 AWG	5 mm 0.197 in	5 mm 0.197 in	5 mm 0.197 in

13 ADO-ADO technology



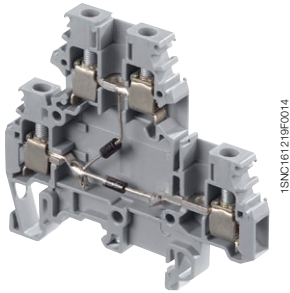
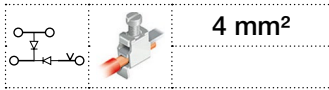
Component holder

Section		
IEC	UL/CSA	D1.5/6.ADO.D1
1.5 mm²		6 mm 0.236 in

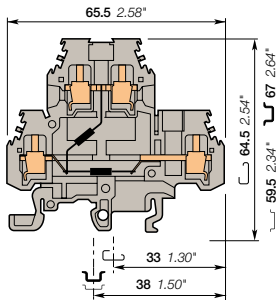
All the technical data for UL/CSA standard and dimensions in inches are in italic.

M4/6.DE screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



M4/6.DE



6 mm 0.236 in spacing

Description

Ease the test operation with two 1N4007 diodes.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder With two 1N4007 diodes, common on cathode (1000V peak-250V Service-1A)	Grey <input type="checkbox"/>	M4/6.DE1.D	1SNA115371R2600	50	16.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-4 mm ²			Wire stripping length	8.5 mm 0.33 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		20 A / 4 mm ²			Torque	0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		500 V				
Impulse withstand voltage						
Protection		IP20		NEMA 1		

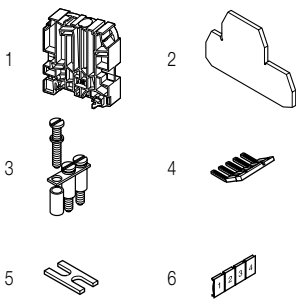
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars	2 poles	BJM6D-2	1SNA179668R2000	10	4.00
	3 poles	BJM6D-3	1SNA179669R2100	10	6.00
	4 poles	BJM6D-4	1SNA179670R2600	10	8.00
	5 poles	BJM6D-5	1SNA179671R1300	10	10.00
	10 poles	BJM6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

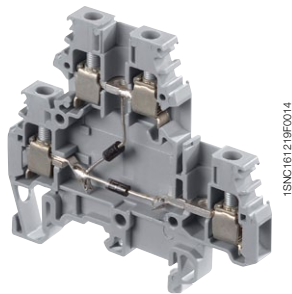
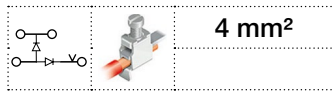
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



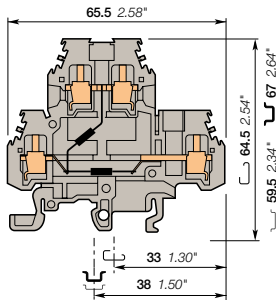
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



M4/6.DE



6 mm 0.236 in spacing

Description

Ease the test operation with two 1N4007 diodes.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder With two 1N4007 diodes, common on anode (1000V peak-250V Service-1A)	Grey <input type="checkbox"/>	M4/6.DE1.D1	1SNA115591R0400	50	16.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-4 mm ²			Wire stripping length	8.5 mm 0.33 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		20 A / 4 mm ²			Torque	0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		500 V				
Impulse withstand voltage						
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

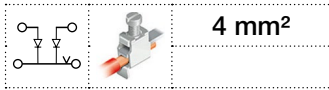
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars	2 poles 32 A	BJMI6D-2	1SNA179668R2000	10	4.00
	3 poles	BJMI6D-3	1SNA179669R2100	10	6.00
	4 poles	BJMI6D-4	1SNA179670R2600	10	8.00
	5 poles	BJMI6D-5	1SNA179671R1300	10	10.00
	10 poles	BJMI6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

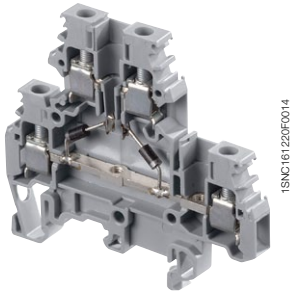
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks

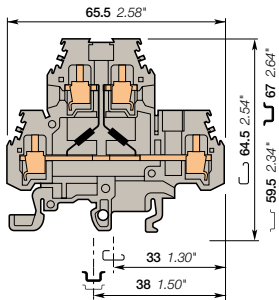
Component holder - 6 mm 0.236 in spacing



4 mm²



M4/6.DE



6 mm 0.236 in spacing

Description

Ease the test operation with two 1N4007 diodes.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder With two 1N4007 diodes, common on cathode (1000V peak-250V Service-1A)	Grey <input type="checkbox"/>	M4/6.DE2.D	1SNA115327R1200	50	20.00

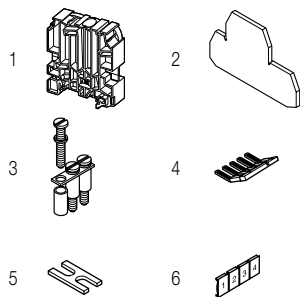
Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²			Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.5-4 mm ²			Wire stripping length	8.5 mm 0.33 in
	Gauge	A4			Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		20 A / 4 mm ²			Torque	0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		500 V				
Impulse withstand voltage						
Protection		IP20		NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories



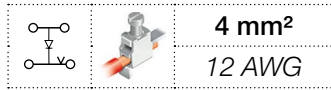
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars	2 poles 32 A	BJM6D-2	1SNA179668R2000	10	4.00
	3 poles	BJM6D-3	1SNA179669R2100	10	6.00
	4 poles	BJM6D-4	1SNA179670R2600	10	8.00
	5 poles	BJM6D-5	1SNA179671R1300	10	10.00
	10 poles	BJM6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.DD screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



4 mm²
12 AWG

Description

Protect or test your circuit with one 1N4007 diodes.

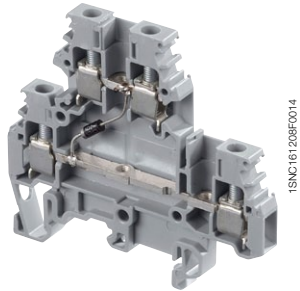
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder	Grey <input type="checkbox"/>	M4/6.DD	1SNA115168R2300	50	20.00

Main technical data

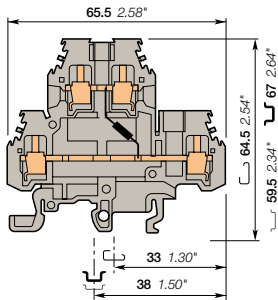
	IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge	0.2-4 mm ² 0.22-4 mm ²	22-12 AWG	18-12 AWG	Rail G32, TH 35-7.5, TH 35-15 Wire stripping length 8.5 mm 0.33 in Tool Flat screwdriver Ø 4 mm Ø 0.157 in Torque 0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated current / Rated cross section	20 A / 4 mm ²	25 A / 12 AWG	25 A / 12 AWG		
Rated short-time withstand current (1s)	480 A				
Rated voltage	500 V	600 V	150 V		
Impulse withstand voltage					
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

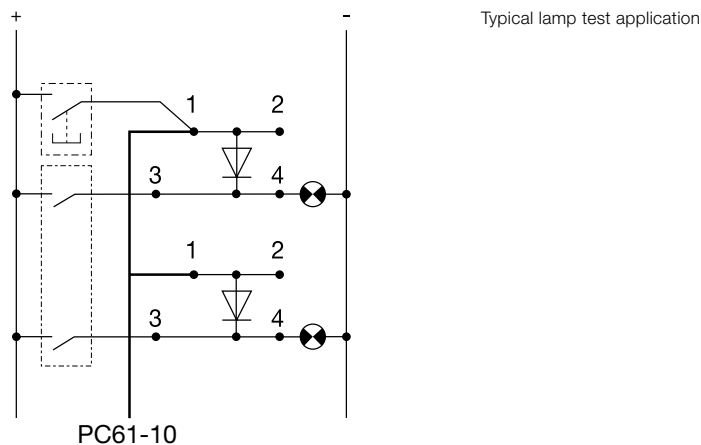


1SNC161208F0014

M4/6.DD



6 mm 0.236 in spacing



Accessories

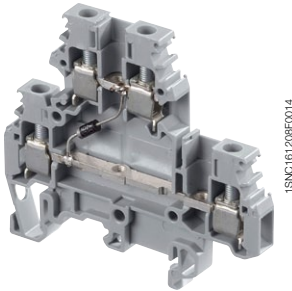
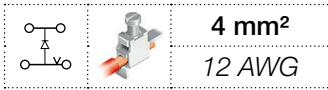
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars		2 poles 3 poles 4 poles 5 poles 10 poles	BJMI6D-2 BJMI6D-3 BJMI6D-4 BJMI6D-5 BJMI6D-10	10 10 10 10 10	4.00 6.00 8.00 10.00 20.00
4 Lateral jumper bars		10 poles	PC61-10	10	5.00
5 Cross spacing jumpers		5 mm 0.200 in - 8 mm 0.236 in - 8 mm 0.315 in	EL6	10	0.10
6 Terminal block markers	White <input type="checkbox"/>	Blank card	RC610	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

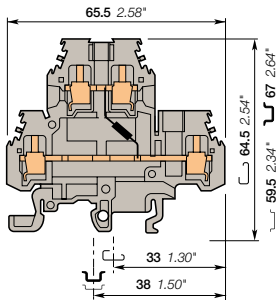
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.DD screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



M4/6.DD



6 mm 0.236 in spacing

Description

Protect or test your circuit with one 1N4007 diodes.

Ordering details

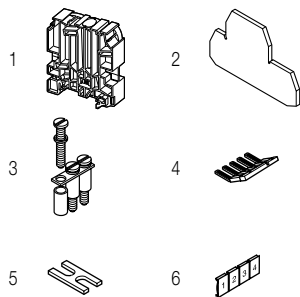
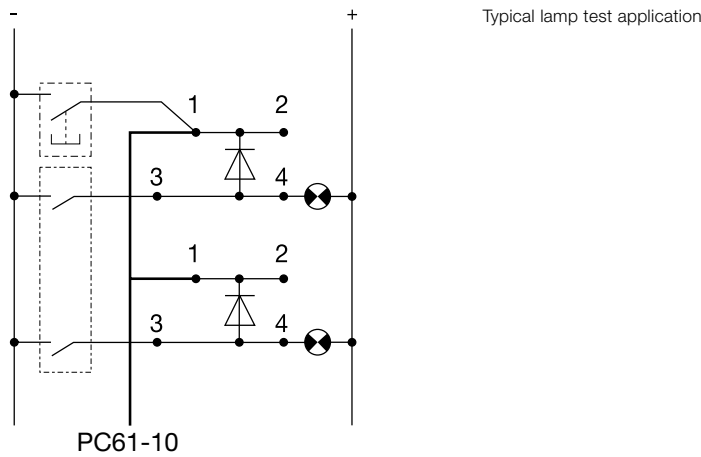
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Cathode of the blocking diode connected to the upper circuit	Grey <input type="checkbox"/>	M4/6.DD1	1SNA115184R0400	50	20.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm ²	22-12 AWG	18-12 AWG	Rail	G32, TH 35-7.5, TH 35-15
	Flexible with insulated ferrule	0.22-4 mm ²			Wire stripping length	8.5 mm 0.33 in
	Gauge				Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		20 A / 4 mm ²	25 A / 12 AWG	25 A / 12 AWG	Torque	0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated short-time withstand current (1s)		480 A				
Rated voltage		500 V	600 V	150 V		
Impulse withstand voltage						
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

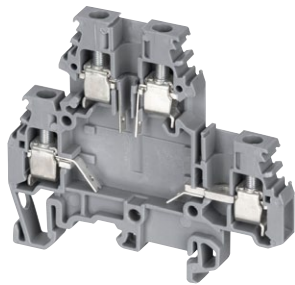
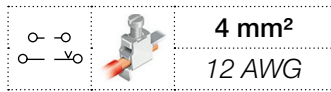
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars		2 poles	BJMI6D-2	10	4.00
		3 poles	BJMI6D-3	10	6.00
		4 poles	BJMI6D-4	10	8.00
		5 poles	BJMI6D-5	10	10.00
		10 poles	BJMI6D-10	10	20.00
4 Lateral jumper bars		10 poles	PC61-10	10	5.00
5 Cross spacing jumpers		5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in	EL6	10	0.10
6 Terminal block markers	White <input type="checkbox"/>	Blank card	RC610	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

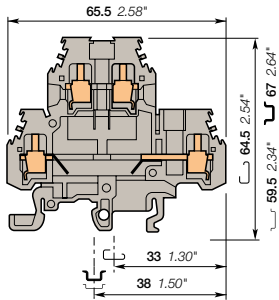
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



M4/6.DE



6 mm 0.236 in spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm 0.200 in max).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Upper and lower circuit opened	Grey <input type="checkbox"/>	M4/6.DE	1SNA115185R0500	50	20.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm ²	22-12 AWG	22-12 AWG
	Flexible	0.5-4 mm ²		
	with insulated ferrule			
Gauge		A4		
Rated current / Rated cross section		26 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)		480 A		
Rated voltage		500 V	600 V	300 V
Impulse withstand voltage				
Protection		IP20	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm 0.33 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.6 Nm 4.4 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	ULSR	CSA	Goet R

Accessories

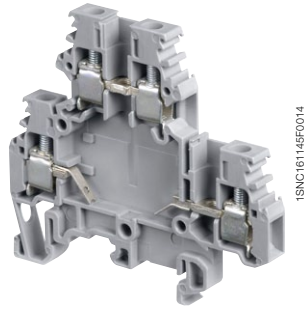
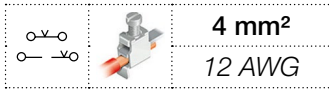
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars 2 poles 32 A		BJMI6D-2	1SNA179668R2000	10	4.00
		BJMI6D-3	1SNA179669R2100	10	6.00
		BJMI6D-4	1SNA179670R2600	10	8.00
		BJMI6D-5	1SNA179671R1300	10	10.00
		BJMI6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

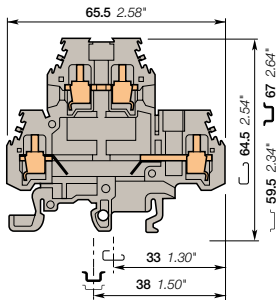
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

M4/6.DE screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



M4/6.DE



6 mm 0.236 in spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm 0.200 in max).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Lower circuit opened	Grey <input type="checkbox"/>	M4/6.DE1	1SNA115177R1400	50	20.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp			
Rigid - Solid / Stranded	0.5-4 mm ²	22-12 AWG	22-12 AWG
Flexible with insulated ferrule	0.5-4 mm ²		
Gauge	A4		
Rated current / Rated cross section	26 A / 4 mm ²	20 A / 12 AWG	20 A / 12 AWG
Rated short-time withstand current (1s)	480 A		
Rated voltage	500 V	600 V	300 V
Impulse withstand voltage			
Protection	IP20	NEMA 1	

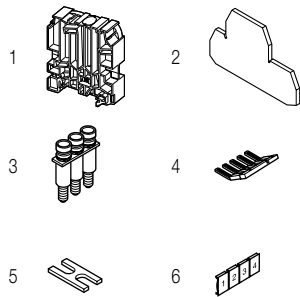
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		8.5 mm 0.33 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.5 - 0.6 Nm 4.4 - 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	USR	CSA	Gost R

Accessories

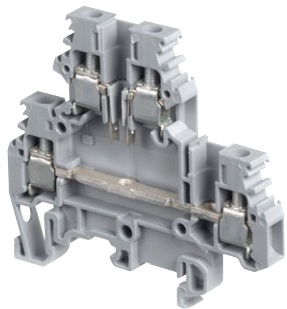
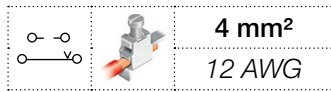


Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars 6 mm 32 A		BJM6D-2	1SNA179668R2000	10	4.00
		BJM6D-3	1SNA179669R2100	10	6.00
		BJM6D-4	1SNA179670R2600	10	8.00
		BJM6D-5	1SNA179671R1300	10	10.00
		BJM6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

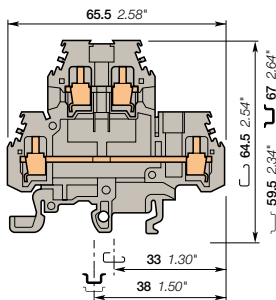
M4/6.DE screw clamp terminal blocks

Component holder - 6 mm 0.236 in spacing



1SNC161157F0014

M4/6.DE



6 mm 0.236 in spacing

Description

Customize yourself the double deck terminal blocks by soldering electronic components (thickness 5 mm 0.200 in max).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Upper circuit opened	Grey <input type="checkbox"/>	M4/6.DE2	1SNA115326R1100	50	20.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge A4	0.5-4 mm ² 0.5-4 mm ²	22-12 AWG	Rail G32, TH 35-7.5, TH 35-15 Wire stripping length 8.5 mm 0.33 in Tool Flat screwdriver Ø 4 mm Ø 0.157 in Torque 0.5 - 0.6 Nm 4.4 - 5.3 lb.in
Rated current / Rated cross section	26 A / 4 mm ²		20 A / 12 AWG	
Rated short-time withstand current (1s)	480 A			
Rated voltage	500 V		300 V	
Impulse withstand voltage				
Protection	IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm 0.472 in	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 1 mm 0.039 in	Grey <input type="checkbox"/>	FEM6D	1SNA118499R2300	20	2.70
3 Jumper bars 2 poles 32 A		BJMI6D-2	1SNA179668R2000	10	4.00
3 poles		BJMI6D-3	1SNA179669R2100	10	6.00
4 poles		BJMI6D-4	1SNA179670R2600	10	8.00
5 poles		BJMI6D-5	1SNA179671R1300	10	10.00
10 poles		BJMI6D-10	1SNA179672R1400	10	20.00
4 Lateral jumper bars 10 poles 35 A		PC61-10	1SNA163311R2200	10	5.00
5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in		EL6	1SNA173627R2100	10	0.10
6 Terminal block markers Blank card	White <input type="checkbox"/>	RC610	1SNA233000R0100	1	7.50

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

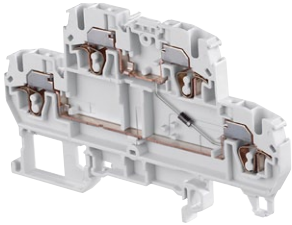
D2.5/5.DD.L spring terminal blocks

Component holder - 5 mm 0.197 in spacing



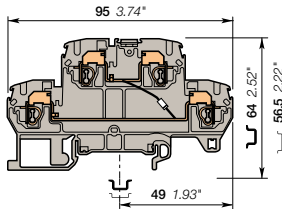
2.5 mm²

12 AWG



1SNC162113R0014

D2.5/5.DD.L



5 mm 0.197 in spacing

Description

- Protect or test your circuit with one 1N4007 diode,
- Numerous builtin functions : single jumper system, clearly visible top marker, test sockets, etc,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder With diode, cathode on the lower circuit	Grey <input type="checkbox"/>	D2.5/5.DD.L	1SNA290164R0300	50	13.00

Main technical data

	IEC	UL	CSA
1 conductor per clamp			
Rigid Solid / Stranded	0.12-4 mm ²		26-12 AWG
Flexible with non insulated ferrule	0.12-2.5 mm ²		
with insulated ferrule	0.5-1.5 mm ²		
Gauge	A2		
Rated current / Rated cross section	20 A / 2.5 mm ²		20 A / 12 AWG
Rated short-time withstand current (1s)	300 A		
Rated voltage	500 V		300 V
Impulse withstand voltage			
Protection	IP20		NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

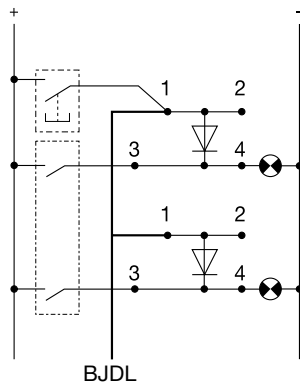
The connecting capacity data for one Rigid Solid / Stranded Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS
RoHS

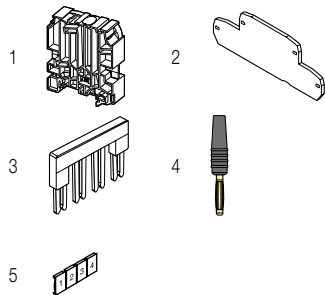
cCSAus
cCSAus

PG
Gost R

Typical lamp test application



BJDL



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00	
2 End sections	Grey <input type="checkbox"/>	FED5.D.L	1SNA291441R2600	20	4.20	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	BJDL5-2	1SNA291102R2300	50	1.00
		3 poles	BJDL5-3	1SNA291103R2400	50	0.70
		4 poles	BJDL5-4	1SNA291104R2500	50	0.80
		5 poles	BJDL5-5	1SNA291105R2600	20	0.90
		10 poles	BJDL5-10	1SNA291110R2600	20	1.20
4 Test plugs	Black <input type="checkbox"/>	FC2.MC	1SNA107239R0300	20	1.00	
5 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20	

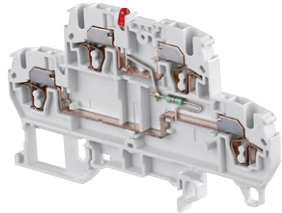
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

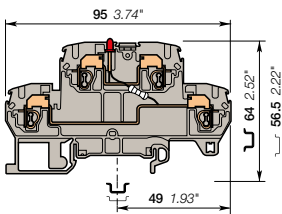
D2.5/5.DL.L spring terminal blocks

Component holder - 5 mm 0.197 in spacing



1SNC162113F0014

D2.5/5.DL.L



5 mm 0.197 in spacing

Description

- Quickly identify the circuit status thanks to the indicator,
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder	Grey <input type="checkbox"/>	D2.5/5.DL.L	1SNA290166R0500	50	13.00

Main technical data

	IEC	UL	CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.12-4 mm ² 0.12-2.5 mm ² 0.5-1.5 mm ² A2		26-12 AWG
Rated current / Rated cross section	20 A / 2.5 mm ²		20 A / 12 AWG	
Rated short-time withstand current (1s)	300 A			
Rated voltage	500 V		300 V	
Impulse withstand voltage				
Protection	IP20	NEMA 1		

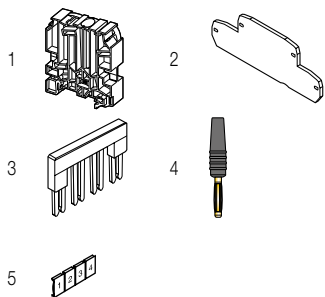
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

RoHS <input type="checkbox"/>	RoHS	CCSAus <input type="checkbox"/>	Gost R <input type="checkbox"/>
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 12 mm	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00
2 End sections 2.5 mm	Grey <input type="checkbox"/>	FED5.D.L	1SNA291441R2600	20	4.20
3 Jumper bars 2 poles 24 A	Orange <input type="checkbox"/>	BJDL5-2	1SNA291102R2300	50	1.00
3 poles		BJDL5-3	1SNA291103R2400	50	0.70
4 poles		BJDL5-4	1SNA291104R2500	50	0.80
5 poles		BJDL5-5	1SNA291105R2600	20	0.90
10 poles		BJDL5-10	1SNA291110R2600	20	1.20
4 Test plugs DIA 2 mm 0.079 in	Black <input type="checkbox"/>	FC2.MC	1SNA107239R0300	20	1.00
5 Terminal block markers Blank card	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20

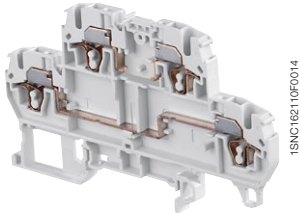
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



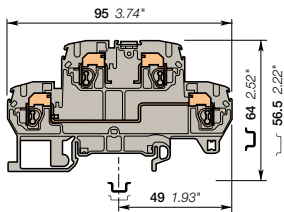
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

D2.5/5.DE2.L spring terminal blocks

Component holder - 5 mm 0.197 in spacing



D2.5/5.DE2.L



Description

- Customize yourself the double deck terminal blocks by soldering electronic components (max thickness : 4 mm 0.157 in),
- Easy to access thanks to the front wiring entry,
- Clamping contact pressure non dependent on the operator and automatic creeping compensation.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder Upper circuit open	Grey <input type="checkbox"/>	D2.5/5.DE2.L	1SNA290186R2200	50	13.00

Main technical data

		IEC	UL	CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.12-4 mm ²		26-12 AWG
	Flexible	0.12-2.5 mm ²		
	with non insulated ferrule			
	with insulated ferrule	0.5-1.5 mm ²		
Gauge		A2		
Rated current / Rated cross section		20 A / 2.5 mm ²		20 A / 12 AWG
Rated short-time withstand current (1s)		300 A		
Rated voltage		500 V		300 V
Impulse withstand voltage				
Protection		IP20	NEMA 1	

Mounting instructions

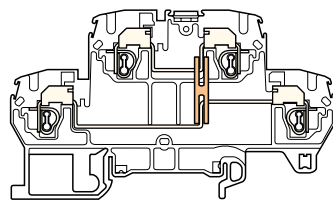
Rail		TH 35-7.5, TH 35-15
Wire stripping length		9.5 mm 0.37 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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5 mm 0.197 in spacing

Notes

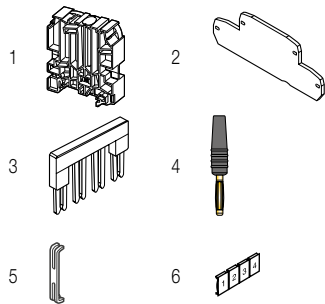


Mounting of the inner deck jumper bar between decks (ITVE.L)

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g	
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	24.00	
2 End sections	Grey <input type="checkbox"/>	FED5.D.L	1SNA291441R2600	20	4.20	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNA291102R2300	50	1.00	
		3 poles	BJDL5-2	50	0.70	
		4 poles	BJDL5-3	1SNA291103R2400	50	0.80
		5 poles	BJDL5-4	1SNA291104R2500	20	0.90
		10 poles	BJDL5-5	1SNA291105R2600	20	1.20
4 Test plugs	Black <input type="checkbox"/>	FC2.MC	1SNA291110R2600	20	1.00	
5 Inner deck jumper bars		ITVE.L	1SNA291349R1100	50	0.40	
6 Terminal block markers	White <input type="checkbox"/>	RC510	1SNA231000R0700	1	5.20	

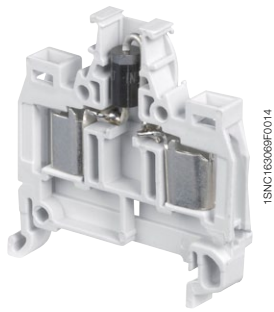
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



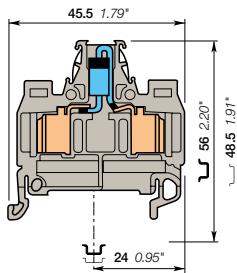
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

D1.5/6.ADO.D IDC terminal blocks

Component holder ADO - ADO - 6 mm 0.236 in spacing



D1.5/6.ADO.D



6 mm 0.236 in spacing




Description

- Terminal blocks with built-in 1N5408 diode,
- With the ABB ADO System®, experience the fastest and most reliable connection on the market,
- Designed for control applications exposed to severe constraints (vibrations, shocks, corrosion etc.),
- Up to 2 wires per connection.

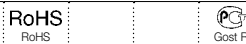
Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Component holder With diode (cathode on the right)	Grey <input type="checkbox"/>	D1.5/6.ADO.D1	1SNA199248R1000	50	7.00

Main technical data

		IEC	UL	CSA	Mounting instructions	
ADO	Rigid - Solid / Stranded	0.34-1.5 mm ²			Rail	 TH 35-7.5, TH 35-15
	Flexible	0.34-1.5 mm ²			Wire stripping length	
Screw clamp	Rigid - Solid / Stranded				Tool	
	Flexible with insulated ferrule Gauge					
Rated current / Rated cross section		1 A / 1.5 mm ²			Torque	
Rated short-time withstand current (1s)		180 A				
Rated voltage		80 V				
Impulse withstand voltage						
Protection		IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



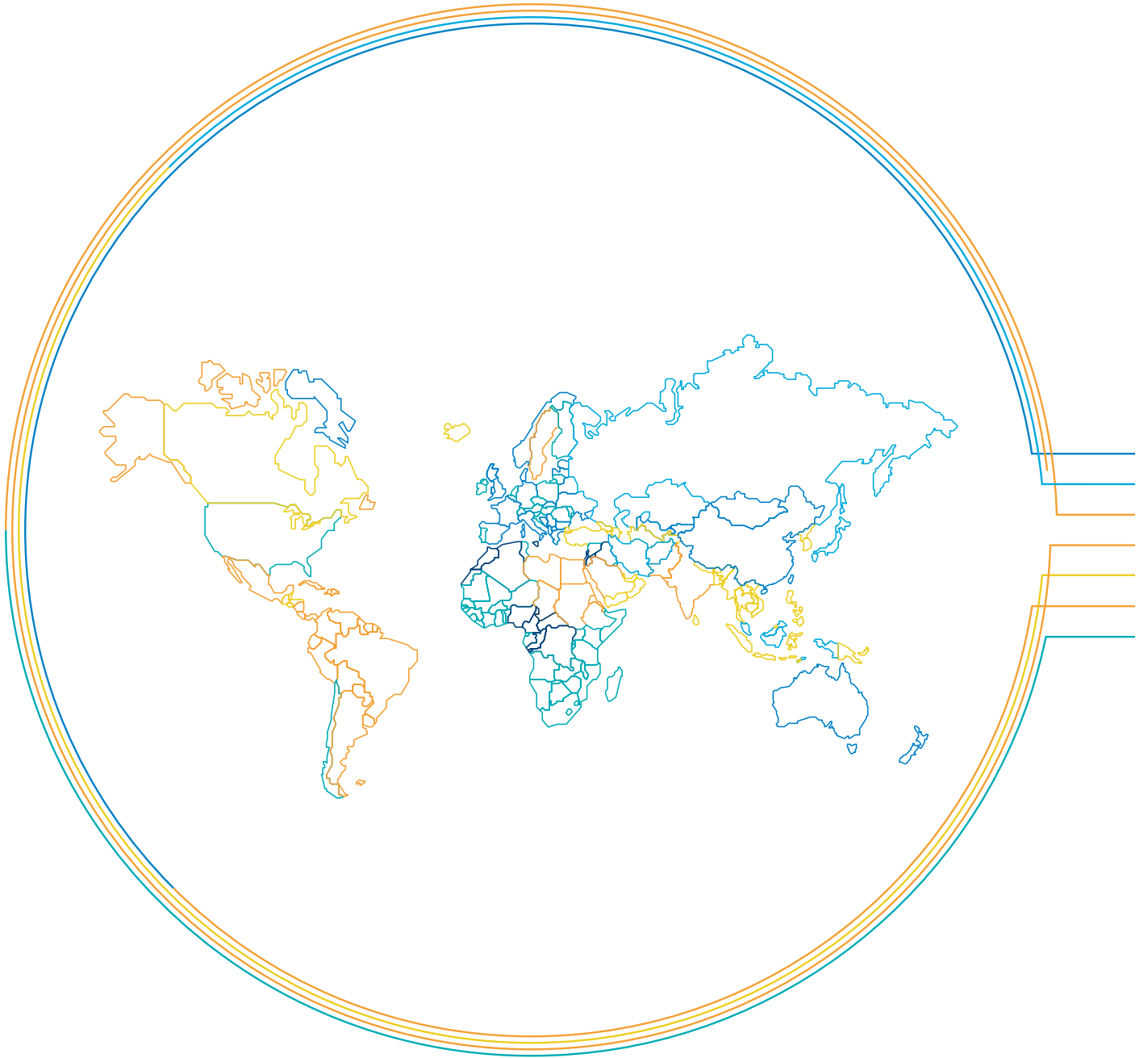
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Grey <input type="checkbox"/>	BAM2	1SNA206351R1600	50	12.00
		BADL	1SNA399903R0200	50	4.70
2 End sections	Grey <input type="checkbox"/>	FEMAD3	1SNA199341R0500	20	2.50
3 Jumper bars	Orange <input type="checkbox"/>	BJADO6-2	1SNA205974R0600	20	1.00
		BJADO6-3	1SNA205975R0700	20	1.00
		BJADO6-10	1SNA205982R2700	10	6.00
4 Shield connectors		CBM5	1SNA178745R1400	50	
5 Tools		Semi automatic tool	OUPAD	1	205.00
		Hand tool	OUMAD	1	29.00
6 Terminal block markers	White <input type="checkbox"/>	Blank card	RC610	1	7.50

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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Technical data valid for copper conductors only.



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Order code classification

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1SNA008289R1600	FU520	34	1SNA115537R0500	D2.5/6.DL	185	1SNA168675R1400	ANT	34
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FEM6D	1SNA118499R2300	249
FEM8S	1SNA116951R1500	115
FEM8T6	1SNA215266R0100	70
FEM9	1SNA113067R1700	93
FEMAD3	1SNA199341R0500	41
FEMR10	1SNA114434R0500	67
FEMR8	1SNA116987R0200	65
FEMR8T	1SNA116991R0600	69
FEMS6	1SNA113885R0100	106
FEMS8	1SNA114195R0600	107
FEMSTA	1SNA116979R2100	156
FEMT2	1SNA113629R2700	149
FEMT3	1SNA114328R2200	159
FEMT4	1SNA114778R0500	156
FEMT5	1SNA116781R1300	160
FU520	1SNA008288R1500	34
	1SNA008289R1600	34
	1SNA008290R1300	34
	1SNA008291R0000	34
	1SNA008292R0100	34
FUAUTO	1SNA179879R1400	175
	1SNA179880R0200	175
ITVE	1SNA179694R0300	49
ITVE.L	1SNA291349R1100	259
ITVE2	1SNA179825R2600	241
M10/10.NT	1SNA125121R0600	219
M10/10.PE.N	1SNA165683R2200	233
M10/10.RS	1SNA115320R2700	67
M10/10.ST.Sn	1SNA115539R1700	160
M120/35.AF	1SNA115145R1400	86
M120/35.F	1SNA115147R1600	78
M120/35.FF	1SNA115146R1500	82
M16/12.NT1	1SNA125593R0000	220
M16/12.PE.N	1SNA165680R0300	234
M300/42.AF	1SNA115148R2700	87
M300/42.F	1SNA115150R2500	79
M300/42.FF	1SNA115149R2000	83
M35/16.NT	1SNA125358R0300	221
M35/16.PE.N	1SNA165575R2500	235
M35/26.AF	1SNA115139R1600	84
M35/26.F	1SNA115141R1000	76
M35/26.FF	1SNA115140R2300	80
M4/6.D2.2S2	1SNA199444R2500	241
M4/6.D2.2S2.T	1SNA199448R0100	242
M4/6.D2.S1R	1SNA199452R2500	243
M4/6.D2.S1R.T	1SNA199456R2100	244
M4/6.DD	1SNA115168R2300	252
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M4/6.DE	1SNA115185R0500	254
M4/6.DE1	1SNA115177R1400	255
M4/6.DE1.D	1SNA115371R2600	249
M4/6.DE1.D1	1SNA115591R0400	250
M4/6.DE2	1SNA115326R1100	256
M4/6.DE2.D	1SNA115327R1200	251
M4/6.N.RS	1SNA125930R1500	65
M4/6.NT	1SNA125117R0200	217
M4/6.RS	1SNA115930R1300	65
M4/6.SNTS	1SNA115229R2000	68
M4/6.ST.Au	1SNA115314R1500	159
M4/6.ST.Sn	1SNA115313R1400	159
M6/12.FF	1SNA115262R2100	94
	1SNA115263R2200	94
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M6/13.FF	1SNA115626R1600	95
M6/13.FF.1	1SNA115627R1700	96
M6/8.NT	1SNA125119R1400	218
M6/8.RS	1SNA115685R1200	66
M6/8.ST	1SNA115236R1700	149
M6/8.ST1	1SNA115237R1000	152
M6/8.ST1.IP20	1SNA115971R1000	149
M6/8.ST3	1SNA115239R2200	154
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M6/8.STA	1SNA115359R0200	156
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PC5-10	1SNA167908R0600	109
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PC52.10	1SNA399683R0500	192
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PC61-10	1SNA163311R2200	31
PC6-2	1SNA113546R1400	18
PC6-3	1SNA116536R0500	106
PC6-4	1SNA116537R0600	106
PC8-10	1SNA163313R2400	20
PC81-10	1SNA173523R1100	33
PC8-2	1SNA116538R1700	20
PC8-3	1SNA116539R1000	107
PC8-4	1SNA116540R2500	107
PC8-R1	1SNA400711R0600	151
PC8-R2	1SNA400712R0700	151
PC8-R3	1SNA400713R0000	151
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PEP	1SNA113762R2400	76
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RCAL85	1SNA237000R0500	125
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SCAD5	1SNA19951R2000	17
SCD	1SNA103189R2600	204
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SCF6	1SNA118707R0300	68
SCF9	1SNA103672R0100	93
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SCFD	1SNA114117R0700	203
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SCFEX3	1SNA103620R0100	106
SCFM6	1SNA114825R0500	68
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SC-JB8-4	1SNK900654R0000	70
SFB1	1SNA163860R0500	203
SFB2	1SNA168956R0600	203
SPBO.NTL	1SNA399886R2100	222
TGA8	1SNA168672R1100	34
	1SNA168673R1200	34
	1SNA168674R1300	34
VRADO.CPE7	1SNA400063R0000	176
VRB3	1SNA128035R1600	216
VRB6	1SNA128361R0100	220
VRPA1	1SNA399687R2500	227

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