

Terminal blocks

for profil EN 50045

(DIN 46277/2)

Compression clamp - Compression clamp

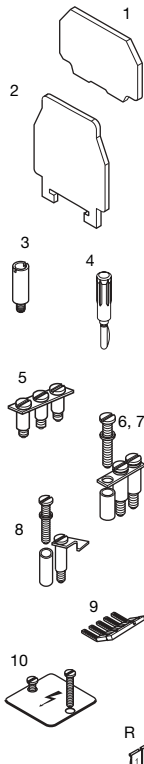
~ DIN 2

End stop th. 6,5 mm **BADRL** 0199 420.21
 Rail ~ 15 x 5 x 1 **PR2** 0101 673.00
 Other accessories: See Accessories section

Notes

Some accessories can decrease the block's voltage rating. Consult us for information.

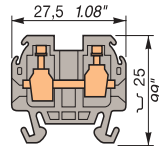
Accessories



- 1 End section grey, blue, yellow, white
- 2 Circuit separator
- 3 Test socket
- 4 Test plug
- 5 Assembled jumper bar (without protection IP20)
- 6 Jumper bar not preassembled
- 7 Post + screw for BJ
- 8 Pivoting jumper bar
- 9 Comb type jumper bar
- 10 Protection label
- Screw for protection label
- R See section on markers
- Marking method

DR 1,5/5

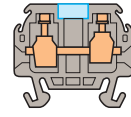
Spacing 5 mm + 0,08 (.200")



Standard block 5 mm.

DR 1,5/5.1

Spacing 5 mm + 0,08 (.200")



DR 1,5/5 with partition.



Color	Type	Part number
Grey	DR 1,5/5	0115 510.16

Color	Type	Part number
Grey	DR 1,5/5.1	0112 086.02

Characteristics

Wire size	Wire size			
	IEC NFC DIN	UL	CSA	
Screw	Solid	0,2-2,5 mm ²	28-12 AWG	28-14 AWG
	Stranded	0,22-1,5 mm ²	28-12 AWG	28-14 AWG

Characteristics

Wire size	Wire size			
	IEC NFC DIN	UL	CSA	
Screw	Solid	0,2-2,5 mm ²	28-12 AWG	28-14 AWG
	Stranded	0,22-1,5 mm ²	28-12 AWG	28-14 AWG

Voltage

Rated	250 V Gr.C	300 V	300 V
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Voltage

Rated	250 V Gr.C	300 V	300 V
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Pulse

Pulse			
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Pulse

Pulse			
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Pollution degree

Pollution degree			
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Pollution degree

Pollution degree			
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Current

Rated	20 A	20 A	20 A
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Current

Rated	20 A	20 A	20 A
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Wire size

Rated / Gauge	1,5 mm ²	12 AWG	14 AWG
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Wire size

Rated/gauge	1,5 mm ²	12 AWG	14 AWG
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Wire stripping length

Wire stripping length	8,5 mm	3,5 mm	0,4-0,6 Nm	IP20
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Wire stripping length

Wire stripping length	8,5 mm	3,5 mm	0,4-0,6 Nm	IP 20
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Recomm. screwdriver

Recomm. screwdriver	.335"	.138"	3.5-5.3 lb.in	NEMA1
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Recomm. screwdriver

Recomm. screwdriver	.33"	.14"	3.5-5.3 lb.in	NEMA 1
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Recomm. torque

Recomm. torque	0,4-0,6 Nm			
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Recomm. torque

Recomm. torque	0,4-0,6 Nm			
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Protection

Protection	IP20			
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Protection

Protection	IP 20			
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Type	Part number
FEDR5	th. 1 mm 0117 318.23

Type	Part number
FEDR5	th. 1 mm 0117 318.23

Type	Part number
AL2	DIA. 2 mm 0167 319.06

Type	Part number
AL2	DIA. 2 mm 0167 319.06

Type	Part number
FC2 (2)	DIA. 2 mm 0007 865.26

Type	Part number
FC2 (2)	DIA. 2 mm 0007 865.26

Type	Part number
BJM5 DR (1)	24 A 2 poles 0176 055.22

Type	Part number
BJM5 DR (1)	24 A 2 poles 0176 055.22

Type	Part number
BJM5 DR (1)	24 A 3 poles 0176 056.23

Type	Part number
BJM5 DR (1)	24 A 3 poles 0176 056.23

Type	Part number
BJM5 DR (1)	24 A 4 poles 0176 057.24

Type	Part number
BJM5 DR (1)	24 A 4 poles 0176 057.24

Type	Part number
BJM5 DR (1)	24 A 5 poles 0176 058.05

Type	Part number
BJM5 DR (1)	24 A 5 poles 0176 058.05

Type	Part number
BJM5 DR (1)	24 A 10 poles 0176 059.06

Type	Part number
BJM5 DR (1)	24 A 10 poles 0176 059.06

Type	Part number
BJMI5 DR	24 A 2 poles 0176 704.02

Type	Part number
BJMI5 DR	24 A 2 poles 0176 704.02

Type	Part number
BJMI5 DR	24 A 3 poles 0176 705.03

Type	Part number
BJMI5 DR	24 A 3 poles 0176 705.03

Type	Part number
BJMI5 DR	24 A 4 poles 0176 706.04

Type	Part number
BJMI5 DR	24 A 4 poles 0176 706.04

Type	Part number
BJMI5 DR	24 A 5 poles 0176 707.05

Type	Part number
BJMI5 DR	24 A 5 poles 0176 707.05

Type	Part number
BJMI5 DR	24 A 10 poles 0176 708.16

Type	Part number
BJMI5 DR	24 A 10 poles 0176 708.16

Type	Part number
BJS5 (3)	20 poles 0177 652.06

Type	Part number
BJS5 (3)	20 poles 0177 652.06

Type	Part number
EVD5	0167 900.02

Type	Part number
EVD5	0167 900.02

Type	Part number
PC51	25 A 10 poles 0167 908.06

Type	Part number
PC51	25 A 10 poles 0167 908.06

(5) Side block

(5) Side block

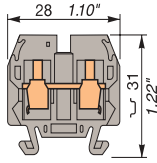
(1) Use of these accessories requires the user to cut out the partition.

(2) For terminal block equipped with test socket AL2.

(3) For other number of poles, see Accessories section

DR 4/6

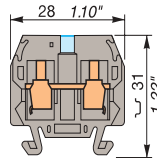
Spacing 6 mm + 0,05 (.238")



Standard block 6 mm

DR 4/6.1

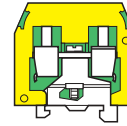
Spacing 6 mm + 0,05 (.238")



DR 4/6 with partition

DR 4/6.P

Spacing 6 mm + 0,05 (.238")



Terminal block for ground wire same size as DR 4/6 block.



Color	Type	Part number	Color	Type	Part number	Color	Type	Part number
Grey	DR 4/6	0110 251.05	Grey	DR 4/6.1	0110 491.17	Green / Yellow	DR 4/6.P	0160 496.26
Blue	DR 4/6.N	0120 251.07	Blue	DR 4/6.1.N	0120 491.11			

Characteristics

DR 4/6					DR 4/6.1					DR 4/6.P				
Wire size					Wire size					Wire size				
		IEC	UL	CSA			IEC	UL	CSA			IEC	UL	CSA
		NFC DIN					NFC DIN					NFC DIN		
Screw	Solid wire	0,2-4 mm ²	24-10 AWG	28-12 AWG	Screw	Solid wire	0,2-4 mm ²	18-12 AWG	18-12 AWG	Screw	Solid wire	0,2-4 mm ²	18-12 AWG	28-12 AWG
	Stranded wire	0,22-4 mm ²	24-10 AWG	28-12 AWG		Stranded wire	0,22-4 mm ²	18-12 AWG	18-12 AWG		Stranded wire	0,22-4 mm ²	18-12 AWG	28-12 AWG

Voltage					Voltage					Voltage				
Rated	500 V Gr.C	250 V	300 V / 150 V		Rated	500 V Gr.C	250 V	300 V / 150 V		Rated			300 V / 150 V	
Pulse					Pulse					Pulse				
Pollution degree					Pollution degree					Pollution degree				

Current					Current					Current				
Rated	30 A	20 A	10 A / 25 A		Rated	30 A	20 A	10 A / 25 A		Rated			10 A / 25 A	

Wire size					Wire size					Wire size				
Rated / Gauge	4 mm ²	10 AWG	12 AWG		Rated / Gauge	4 mm ²	12 AWG	12 AWG		Rated / Gauge	4 mm ²	12 AWG	12 AWG	
Wire stripping length	Recomm. screwdriver	Recommended torque	Protection		Wire stripping length	Recomm. screwdriver	Recommended torque	Protection		Wire stripping length	Recomm. screwdriver	Recommended torque	Protection	
9,5 mm	4 mm	0,5-0,8 Nm	IP 20		9,5 mm	4 mm	0,5-0,8 Nm	IP 20		9,5 mm	4 mm	0,5-0,8 Nm	IP 20	
.37"	.16"	4.4-7.1 lb.in	NEMA 1		.37"	.16"	4.4-7.1 lb.in	NEMA 1		.37"	.16"	4.4-7.1 lb.in	NEMA 1	

Type			Part number	Type			Part number	Type			Part number
FEDR61	th. 1 mm		0117 600.03	FEDR61	th. 1 mm		0117 600.03	FEDR63	th. 1 mm		0103 975.21
FEDR61	th. 1 mm		0127 600.05	FEDR61	th. 1 mm		0127 600.05	SCDR61	th. 0,3 mm		0173 016.10
SCDR61	th. 0,3 mm		0173 016.10	SCDR61	th. 0,3 mm		0173 016.10	AL2	DIA. 2 mm		0167 319.06
AL2	DIA. 2 mm		0167 319.06	AL2	DIA. 2 mm		0167 319.06	FC2 (2)	DIA. 2 mm		0007 865.26
FC2 (2)	DIA. 2 mm		0007 865.26	FC2 (2)	DIA. 2 mm		0007 865.26				

BJM62 (1)	32 A	2 poles	0173 217.26	BJM62 (1)	32 A	2 poles	0173 217.26				
BJM62 (1)	32 A	3 poles	0173 218.07	BJM62 (1)	32 A	3 poles	0173 218.07				
BJM62 (1)	32 A	4 poles	0173 219.00	BJM62 (1)	32 A	4 poles	0173 219.00				
BJM62 (1)	32 A	5 poles	0173 221.22	BJM62 (1)	32 A	5 poles	0173 221.22				
BJM62 (1)	32 A	6 poles	0174 112.16	BJM62 (1)	32 A	6 poles	0174 112.16				
BJM62 (1)	32 A	7 poles	0174 113.17	BJM62 (1)	32 A	7 poles	0174 113.17				
BJM62 (1)	32 A	8 poles	0174 114.10	BJM62 (1)	32 A	8 poles	0174 114.10				
BJM62 (1)	32 A	9 poles	0174 115.11	BJM62 (1)	32 A	9 poles	0174 115.11				
BJM62 (1)	32 A	10 poles	0173 226.27	BJM62 (1)	32 A	10 poles	0173 226.27				

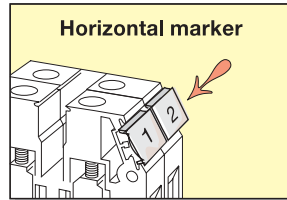
BJPD6			0173 223.24	BJPD6			0173 223.24				
PC61	35 A	10 poles	0163 311.22	PC61	35 A	10 poles	0163 311.22	PC61	35 A	10 poles	0163 311.22
EPD61			0173 206.04	EPD61			0173 206.04				
VSPD61			0173 207.05	VSPD61			0173 207.05				

Ⓢ On sides
 Notes: (1) Use of these accessories requires the user to cut out the partition.
 (2) For terminal blocks with test socket.

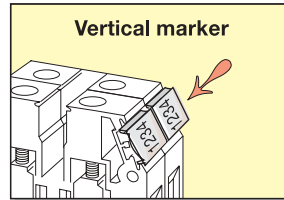
RC Standard marker cards

Each marker card contains 10 strips of 10 markers, i.e. 100 markers per card.

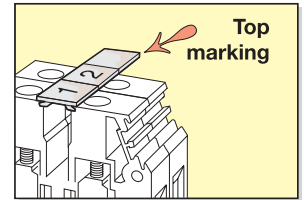
Marker cards are white polyamide 6 with black lettering.



Horizontal marker See page 1930 for most popular.

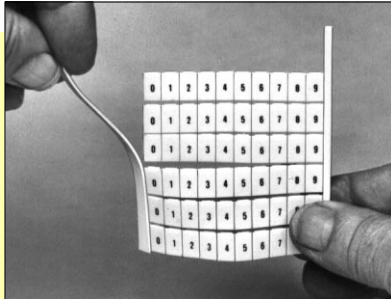


Vertical marker See page 1933 for most popular.



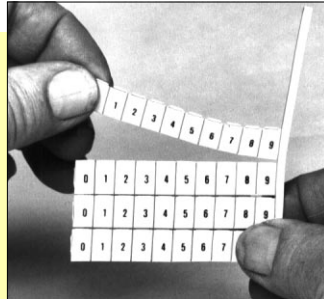
Top marking See page 1937.

How to use



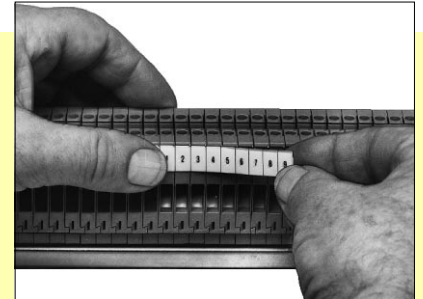
1

Remove one of the side bands of the card.



2

Separate the chosen strip from the rest of the card.



3

- Strips of 10 markers for block spacings 5 mm .197", 6 mm .236" and 8 mm .315": Press the first marker in place, hold it and slide your thumb on the rest of the strip to snap each marker on the terminal block assembly.
- Single markers : Press the chosen marker in place, hold it and tear off the rest of the strip.

Marker sizes

RC55
5 x 5 mm markers
.197" x .197".
Can be used on blocks from 5 mm .197" spacing, with possibility of mounting 2 markers per slot.

RC65
6 x 5 mm markers
.236" x .197".
Can be used on blocks from 6 mm .236" spacing, with possibility of mounting 2 markers per slot.

RCAL85
8 x 5 mm markers
.315" x .197".
Can be used on 8 mm .315" spacing spring connection blocks & mini ADO blocks.

RC410
4 x 10 mm markers
.157" x .394".
Can be used on blocks from 4 mm .157" spacing, 1 marker per slot.

RC510
5 x 10 mm markers
.197" x .394".
Can be used on blocks from 5 mm .197" spacing, 1 marker per slot.

RC610
6 x 10 mm markers
.236" x .394".
Can be used on blocks from 6 mm .236" spacing, 1 marker per slot.

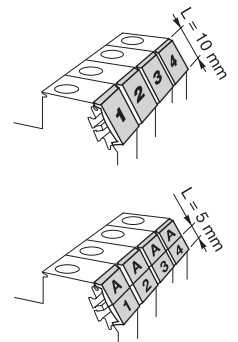
RC810
8 x 10 mm markers
.315" x .394".
Can be used on blocks from 8 mm .315" spacing, 1 marker per slot.

RC1010
10 x 10 mm markers
.394" x .394".
Can be used on blocks from 10 mm .394" spacing, 1 marker per slot.

The marker that goes into the terminal block slot for each marking method is listed here :

Marker	Marking method
RC410	⇒ ③
RC55	⇒ ⑤ ⑩
RC510	⇒ ⑥ ⑩
RC65	⇒ ⑤ ⑪
RC610	⇒ ⑥ ⑪
RCAL85	⇒ ⑳
RC810	⇒ ⑰
RC1010	⇒ ㉔

Standard marker cards	Marker width mm	Marker height, L mm	Use with terminal block thickness
RC410	4	10	4 mm
RC55	5	5	5 mm
RC510	5	10	5 mm
RC65	6	5	6 mm
RC610	6	10	6 mm
RCAL85	8	5	8 mm
RC810	8	10	8 mm and larger
RC1010	10	10	10 mm and larger



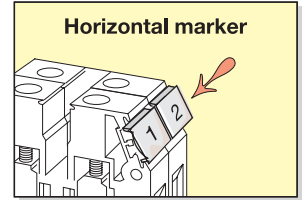
Blank marker cards	RC410	RC55	RC510	RC65
	white 0229 000.15	white 0230 000.12	white 0231 000.07	red 0103 776.01 blue 0103 775.00 white 0232 000.00
Mürplastik markers for terminal blocks	RC610	RC610A	RCAL85	RC810
	white 0233 000.01 green 0206 230.11 yellow 0206 231.06 orange 0206 232.07	white 0233 500.01 white 0233 500.03	blue 0206 233.00 purple 0206 234.01 red 0206 235.02	white 0237 000.05 white 0234 000.02
	RC810A	white 0234 500.04	RC1010	white 0238 000.16
	white 0231 500.01	white 0233 500.03	white 0234 500.04	

Card holder for item above 0205 462.05

RC Standard marker cards (cont.)

Horizontal marking of numbers (cont.)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30



Horizontal marker
For vertical markers, see page 1933.

Horizontal marking
Increasing order

RCAL85

1 → 100 **0237 030.22**

See page 1936.

RC55	RC510	RC65	RC610	RC810	RC1010
1 → 100 0230 030.07	1 → 100 0231 030.24	1 → 100 0232 030.25	1 → 100 0233 030.26	1 → 100 0234 030.27	1 → 80 0238 030.03
101 → 200 0230 031.24	101 → 200 0231 031.11	101 → 200 0232 031.12	101 → 200 0233 031.13	101 → 200 0234 031.14	81 → 160 0238 031.20
201 → 300 0230 032.25	201 → 300 0231 032.12	201 → 300 0232 032.13	201 → 300 0233 032.14	201 → 300 0234 032.15	161 → 240 0238 032.21
301 → 400 0230 033.26	301 → 400 0231 033.13	301 → 400 0232 033.14	301 → 400 0233 033.15	301 → 400 0234 033.16	241 → 320 0238 033.22
401 → 500 0230 034.34	401 → 500 0231 034.14	401 → 500 0232 034.15	401 → 500 0233 034.16	401 → 500 0234 034.17	321 → 400 0238 034.23
501 → 600 0230 035.20	501 → 600 0231 035.15	501 → 600 0232 035.16	501 → 600 0233 035.17	501 → 600 0234 035.10	401 → 480 0238 035.24
601 → 700 0230 036.21	601 → 700 0231 036.16	601 → 700 0232 036.17	601 → 700 0233 036.10	601 → 700 0234 036.11	481 → 560 0238 036.25
701 → 800 0230 037.22	701 → 800 0231 037.17	701 → 800 0232 037.10	701 → 800 0233 074.26	701 → 800 0234 037.12	561 → 640 0238 037.26
801 → 900 0230 038.03	801 → 900 0231 038.20	801 → 900 0232 038.21	801 → 900 0233 075.27	801 → 900 0234 038.23	641 → 720 0238 038.07
901 → 1000 0230 039.04	901 → 1000 0231 039.21	901 → 1000 0232 039.22	901 → 1000 0233 076.20	901 → 1000 0234 039.24	721 → 800 0238 039.00
1001 → ... 0230 071.04*	1001 → ... 0231 071.21*	1001 → ... 0232 071.22*	1001 → ... 0233 073.25*	1001 → ... 0234 071.24*	801 → 880 0238 040.15
					881 → 960 0238 041.02

* Part numbers identical for each group of numbers : on request (indicate marking). Ex. : 0230 071.04 : 1001 to 1100.

8	8	8	8	8	8	8	8	8	8
8	8	8	8	8	8	8	8	8	8
8	8	8	8	8	8	8	8	8	8

Horizontal marking
Repeated identical numbers

Markers	Marking method	Marker width mm	Marker height, L mm	Use with terminal blocks thickness
RC55	⑤ ⑩	5	5	5 mm
RC510	⑥ ⑩	5	10	5 mm
RC65	⑤ ⑪	6	5	6 mm
RC610	⑥ ⑪	6	10	6 mm
RC810	⑰	8	10	8 mm
RC1010	⑳	10	10	10 mm and larger

RC55	RC510	RC65	RC610
100 x 0 0230 240.26	100 x 0 0231 210.05	100 x 0 0232 201.02	100 x 0 0233 201.03
100 x 1 0230 241.13	100 x 1 0231 211.22	100 x 1 0232 202.03	100 x 1 0233 202.04
100 x 2 0230 242.14	100 x 2 0231 212.23	100 x 2 0232 203.04	100 x 2 0233 203.05
100 x 3 0230 243.15	100 x 3 0231 213.24	100 x 3 0232 204.05	100 x 3 0233 204.06
100 x 4 0230 244.16	100 x 4 0231 214.25	100 x 4 0232 205.06	100 x 4 0233 205.07
100 x 5 0230 245.17	100 x 5 0231 215.26	100 x 5 0232 206.07	100 x 5 0233 206.00
100 x6 or 9 0230 246.10	100 x6 or 9 0231 216.27	100 x6 or 9 0232 207.00	100 x6 or 9 0233 207.01
100 x 7 0230 247.11	100 x 7 0231 217.20	100 x 7 0232 208.11	100 x 7 0233 208.12
100 x 8 0230 248.22	100 x 8 0231 218.01	100 x 8 0232 209.12	100 x 8 0233 209.13
100 x 10 0230 250.20	100 x 10 0231 220.07	100 x 10 0232 211.23	100 x 10 0233 211.24
100 x 11 0230 251.15	100 x 11 0231 221.24	100 x 11 0232 212.24	100 x 11 0233 212.25
100 x 12 0230 252.16	100 x 12 0231 222.25	100 x 12 0232 213.25	100 x 12 0233 213.26
100 x 13 0230 253.17	100 x 13 0231 223.26	100 x 13 0232 214.26	100 x 13 0233 214.27
100 x 14 0230 254.10	100 x 14 0231 224.27	100 x 14 0232 215.27	100 x 14 0233 215.20
100 x 15 0230 255.11	100 x 15 0231 225.20	100 x 15 0232 216.20	100 x 15 0233 216.21
100 x 16 0230 256.12	100 x 16 0231 226.21	100 x 16 0232 217.21	100 x 16 0233 217.22
100 x 17 0230 257.13	100 x 17 0231 227.22	100 x 17 0232 218.02	100 x 17 0233 218.03
100 x 18 0230 258.24	100 x 18 0231 228.03	100 x 18 0232 219.03	100 x 18 0233 219.04
100 x 19 0230 259.25	100 x 19 0231 229.04	100 x 19 0232 220.00	100 x 19 0233 220.01
100 x 20 0230 260.22	100 x 20 0231 230.01	100 x 20 0232 221.25	100 x 20 0233 221.26
	100 x .. } 0231 231.26* 999	100 x .. } 0232 222.26* 999	100 x .. } 0233 222.27* 999

* Part numbers identical for each group of numbers : on request (indicate marking). Ex. : 0231 231.26 : 100 x 21.