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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 125 A, connection method: Screw connection, number of connections: 2, cross section: 1.5 mm² - 50 mm², AWG: 16 - 1/0, width: 16 mm, height: 65.1 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ☑ The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- Easy and time-saving potential supply and distribution of large currents and cross sections up to 35 mm² with reducing bridges
- ▼ Tested for railway applications
- The reducing bridges can be used to connect terminal blocks with different connection technologies, e.g., UT 35 screw terminal block with Pushin technology 2,5 Push-in terminal blocks, to form power blocks



Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 977566
GTIN	4017918977566
Weight per Piece (excluding packing)	55.720 g
Custom tariff number	85369010
Country of origin	Turkey

Technical data

General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	35 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0



Technical data

General

Area of application Railway industry Image: Comment of application Machine building Read surge voltage 8 kV Degree of pollution 3 Overvoltage category III Insulating material group I L Maximum power dissipation for nominal condition 4.06 W Maximum power dissipation for nominal condition 4.06 W Maximum load current Is 155 A Nominal voltage Un 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Result of surge voltage test Test passed Surge voltage test sepoint 9.8 kV Surge voltage test sepoint 2.8 kV Result of power-frequency withstand voltage sets of the sets for mechanical stability of terminal points (5 x conductor conductor conductor of conductor conductor of conductor conductor conductor of conductor conduc	Ceneral	T
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Degree of pollution 3 Overvoltage category III Insulating material group I C Maximum load current 4.06 W Maximum load current I _N 150 A (with 50 mm² conductor cross section) Nominal voltage U _N 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Finger protection guaranteed Surge voltage test selpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Fower frequency withstand voltage selpoint 2.2 kV Result of bending test test for mechanical stability of terminal points (5 x or and cord cord cord cord cord cord cord cor		Process industry
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Maximum power dissipation for nominal condition 4.06 W Maximum load current 150 A (with 50 mm² conductor cross section) Nominal current I _k 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Finger protection guaranteed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage sets Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test torms 135 Bending test torms 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Insulate test result 1.5 mm² / 0.8 kg Conductor cross section tensile test 1.5 mm² Conductor cross section tensile test 1.5 mm² Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N	Overvoltage category	III
Maximum load current I _N 150 A (with 50 mm² conductor cross section) Nominal current I _N 125 A Nominal voltage U _N 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage setpoint 2.2 kV Result of power-frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Bending test rotation speed 10 rpm Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test conductor cross section weight 1.5 mm² / 0.8 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 50 mm²	Insulating material group	I
Nominal current IN 125 A Nominal voltage UN 1000 V Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg 35 mm² / 6.8 kg 35 mm² / 6.8 kg Conductor cross section tensile test 1.5 mm² Conductor cross section tensile test 1.5 mm² Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Conductor cross section tensile test<	Maximum power dissipation for nominal condition	4.06 W
Nominal voltage U _N 1000 V Open side panel No Shock protection test specification DIN EN SOZ74 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test conductor cross section/weight 1.5 mm² / 0.8 kg Tensile test result 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 90 N Conductor cross section tensile test 50 mm²	Maximum load current	150 A (with 50 mm² conductor cross section)
Open side panel No Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Fesult of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test trotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Somm² / 8.8 kg 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support <td< td=""><td>Nominal current I_N</td><td>125 A</td></td<>	Nominal current I _N	125 A
Shock protection test specification DIN EN 50274 (VDE 0660-514);2002-11 Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test result 50 mm² / 0.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed	Nominal voltage U _N	1000 V
Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg 1.5 mm² / 0.8 kg 1.5 mm² / 9.5 kg Tensile test result 7 test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 40 N Conductor cross section tensile test 50 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support 7 test passed Setpoint 10 N Result of voltage-drop test 7 test passed Requirements, voltage drop ≤ 3.2 mV	Open side panel	No
Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Totation speed 10 rpm Bending test trotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Som m² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Setpoint 10 N Result of voltage-drop test Festivations of test passed Requirements, voltage drop 5 set for the size and to set the set of the size passed Requirements, voltage drop 5 set for the size passed Fest passed	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Result of surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test 7 test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test 10 test for mechanical stability of terminal points (5 x conductor connection) Result of bending test rotation speed 10 rpm Bending test rotation speed 10 rpm Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test conductor cross section/weight 1.5 mm² / 0.8 kg Tensile test result 7 test passed 8 test point 9 test passed 9 9 te	Back of the hand protection	guaranteed
Surge voltage test setpoint 9.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test conductor cross section/weight 1.5 mm² / 0.8 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Finger protection	guaranteed
Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Result of bending test Rending test rotation speed Rending test turns Rending test turns Rending test conductor cross section/weight Rending test conductor cross section/weight Rending test conductor cross section/weight Rending test result Result of test result Result of test result Result of roce setpoint Result of roce setpoint Result of tore setpoint Result of tight fit on support Result of tight fit on support Result of voltage-drop test Requirements, voltage drop Test passed Test passed Requirements, voltage drop	Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint 2.2 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Bending test result 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Surge voltage test setpoint	9.8 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg as 5 mm² / 6.8 kg 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Result of power-frequency withstand voltage test	Test passed
conductor connection) Test passed Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg	Power frequency withstand voltage setpoint	2.2 kV
Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg Test passed 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV		Test passed
Bending test turns 135 Bending test conductor cross section/weight 1.5 mm² / 0.4 kg 35 mm² / 6.8 kg 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Result of bending test	Test passed
Bending test conductor cross section/weight 1.5 mm² / 0.4 kg 35 mm² / 6.8 kg 50 mm² / 9.5 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Bending test rotation speed	10 rpm
35 mm² / 6.8 kg Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Bending test turns	135
Tensile test result Tensile test result Tensile test result Tensile test result Tractive force setpoint Test passed Tight fit on support Test passed Tight fit on carrier NS 35 Setpoint Test passed Test passed Requirements, voltage drop ≤ 3.2 mV	Bending test conductor cross section/weight	1.5 mm² / 0.4 kg
Tensile test result Test passed Conductor cross section tensile test 1.5 mm² Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV		35 mm² / 6.8 kg
Conductor cross section tensile test Tractive force setpoint Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Tight fit on carrier NS 35 Setpoint NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop ≤ 3.2 mV		50 mm² / 9.5 kg
Tractive force setpoint 40 N Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Tensile test result	Test passed
Conductor cross section tensile test 35 mm² Tractive force setpoint 190 N Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Conductor cross section tensile test	1.5 mm²
Tractive force setpoint Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Tight fit on carrier NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop 190 N 190 N 70 mm² 100 N	Tractive force setpoint	40 N
Conductor cross section tensile test 50 mm² Tractive force setpoint 236 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Conductor cross section tensile test	35 mm²
Tractive force setpoint Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint Result of voltage-drop test Requirements, voltage drop 236 N Test passed NS 35 Test passed Test passed ≥ 3.2 mV	Tractive force setpoint	190 N
Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Conductor cross section tensile test	50 mm²
Tight fit on carrier NS 35 Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤3.2 mV	Tractive force setpoint	236 N
Setpoint 10 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 3.2 mV	Result of tight fit on support	Test passed
Result of voltage-drop test Requirements, voltage drop ≤ 3.2 mV	Tight fit on carrier	NS 35
Requirements, voltage drop ≤ 3.2 mV	Setpoint	10 N
	Result of voltage-drop test	Test passed
Result of temperature-rise test Test passed	Requirements, voltage drop	≤ 3.2 mV
	Result of temperature-rise test	Test passed



Technical data

General

General	
Short circuit stability result	Test passed
Conductor cross section short circuit testing	35 mm²
Short-time current	4.2 kA
Conductor cross section short circuit testing	50 mm ²
Short-time current	6 kA
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
ASD level	1.857 (m/s²)²/Hz
Acceleration	0,8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions



Technical data

Dimensions

Width	16 mm
End cover width	2.2 mm
Length	61.2 mm
Height	65.1 mm
Height NS 35/7,5	65.7 mm
Height NS 35/15	73.2 mm

Connection data

Connection method	Screw connection
Screw thread	M6
Stripping length	18 mm
Tightening torque, min	3.2 Nm
Tightening torque max	3.7 Nm
Connection in acc. with standard	IEC 60947-7-1
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	50 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	1.5 mm²
Conductor cross section flexible max.	50 mm ²
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	1/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm ²
2 conductors with same cross section, solid min.	1.5 mm²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm²
Connection in acc. with standard	IEC/EN 60079-7
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	50 mm²



Technical data

Connection data

Conductor cross section AWG min.	16
Conductor cross section AWG max.	1/0
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	35 mm ²
Internal cylindrical gage	B9

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram

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Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000897



Classifications

ETIM

ETIM 7.0	EC000897
UNSPSC	
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410

39121410

Approvals

UNSPSC 13.2

Approvals

Approvals

DNV GL / CSA / PRS / UL Recognized / cUL Recognized / IECEE CB Scheme / VDE Zeichengenehmigung / EAC / RS / cULus Recognized

Ex Approvals

IECEx / ATEX / UL Recognized / cUL Recognized / EAC Ex / cULus Recognized

Approval details

DNV GL http://exchange.dnv.com/tari/ TAE00001S9

CSA (F	http://www.csagroup.org/services-industries/product-listing/	
	В	С
Nominal voltage UN	600 V	1000 V
Nominal current IN	150 A	150 A
mm²/AWG/kcmil	14	14

PRS		http://www.prs.pl/	TE/2156/880590/17
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Approvals

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60	
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	150 A	150 A
mm²/AWG/kcmil	14	14

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	В	С	
Nominal voltage UN	600 V	600 V	
Nominal current IN	150 A	150 A	
mm²/AWG/kcmil	14	14	

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-56827
Nominal voltage UN		1000 V	
Nominal current IN		125 A	
mm²/AWG/kcmil		1.5-35	

VDE Zeichengenehmigung	ĹĎ ^V E	http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx		40020166
Nominal voltage UN			1000 V	
Nominal current IN			125 A	
mm²/AWG/kcmil			1.5-35	

EAC	EAC	RU C- DE.A*30.B.01742
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RS	http://www.rs-head.spb.ru/en/index.php	17.00013.272
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Approvals

cULus Recognized



Accessories

Accessories

DIN rail

DIN rail perforated - NS 35/7,5 PERF 2000MM - 0801733



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 UNPERF 2000MM - 0801681



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/7,5 WH PERF 2000MM - 1204119



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 WH UNPERF 2000MM - 1204122



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver



Accessories

DIN rail, unperforated - NS 35/7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

DIN rail perforated - NS 35/7,5 ZN PERF 2000MM - 1206421



DIN rail perforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 ZN UNPERF 2000MM - 1206434



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/7,5 CU UNPERF 2000MM - 0801762



DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/7,5 CAP - 1206560

DIN rail end piece, for DIN rail NS 35/7.5





Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver



Accessories

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, unperforated, Standard profile 2.3 mm, width: 35 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

End block



Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End clamp - E/UK - 1201442



End clamp, width: 9.5 mm, height: 35.3 mm, material: PA, length: 50.5 mm, Mounting on a DIN rail NS 32 or NS 35, color: gray

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: grav

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray



Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

Jumper

Plug-in bridge - FBS 2-16 - 3005963



Plug-in bridge, pitch: 16 mm, length: 43.7 mm, width: 25.9 mm, number of positions: 2, color: red

Labeled terminal marker

Zack marker strip - ZB 16 CUS - 0827463



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 10.5 x 16 mm

Zack marker strip - ZB 16,LGS:L1-N,PE - 0827462



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 16.3 mm, lettering field size: 10.5 x 16.25 mm

Marker for terminal blocks - UC-TM 16 CUS - 0824621



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 10.5 mm



Accessories

Marker for terminal blocks - UCT-TM 16 CUS - 0829637



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 14.8 x 9.6 mm

Marker pen

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Partition plate

Partition plate - TPNS-UK - 0706647



Partition plate, length: 80 mm, width: 2 mm, height: 70 mm, color: gray

Pick-off terminal block

Pick-off terminal block - AGK 4-UT 35 - 3047138



Pick-off terminal block, nom. voltage: 1000 V, nominal current: 32 A, connection method: Screw connection, number of connections: 1, cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, width: 8.1 mm, height: 25.7 mm, color: gray, mounting type: on base element

Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for convenient configuration of Phoenix Contact products on standard DIN rails.



Accessories

Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multilingual software for terminal strip configuration. A marking module enables the professional marking of markers and labels for identifying terminal blocks, conductors and cables, and devices.

Reducing bridge

Reducing bridge - RB UT 35-(2,5/4) - 3047277



Reducing bridge, pitch: 11 mm, number of positions: 2, color: red

Reducing bridge - RB UT 35-ST(2,5/4) - 3047280



Reducing bridge, pitch: 10.8 mm, number of positions: 2, color: red

Reducing bridge - RB UT 35-10 - 3032168



Reducing bridge, pitch: 13.2 mm, number of positions: 2, color: red

Terminal marking

Zack marker strip - ZB 16:UNPRINTED - 0827461



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 16 x 10.5 mm



Accessories

Marker for terminal blocks - UC-TM 16 - 0819217



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 10.5 mm

Marker for terminal blocks - UCT-TM 16 - 0829146



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 14.8 x 9.6 mm

Warning label printed

Warning label - WS UT 35 - 3047387

Warning sign for UT terminal blocks



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