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N disconnect terminal block, for neutral conductor disconnection, Screw connection, cross section: 0.14 mm^2 - 4 mm^2 , AWG: 26 - 12, width: 5.2 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

Your advantages



Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 299053
GTIN	4046356299053

Technical data

General

Note	Assembly instructions:For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	24 A
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.77 W



Technical data

General

Nominal current I _k 24 A Nominal voltage U _k 250 V Open side panel Yes Ambient temperature (operation) -60 °C 85 °C Ambient temperature (sorage/transport) -25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) -5 °C 70 °C Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Flinger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 4.8 kV Result of power-frequency withstand voltage setpoint 1.5 kV Result of be set for mechanical stability of terminal points (5 x conductor conductor conductor) Test passed Power frequency withstand voltage setpoint 1.5 kV Result of bending test Test passed Bending test croation speed 10 rpm Bending test croation speed 10 rpm Bending test croation speed 10 rpm Bending test croation speed 10 rpm / 70 kg Conductor	Maximum load current	24 A
Open side panel Yes Ambient temperature (operation) -60 °C 85 °C Ambient temperature (storage/transport) -25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) -5 °C 70 °C 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 4.8 kV Result of surge voltage test setpoint 1.5 kV Power frequency withstand voltage setpoint 1.5 kV Result of be test for mechanical stability of terminal points (5 x Test passed Power frequency withstand voltage setpoint 1.5 kV Result of bending test Test passed Bending test challon speed 10 rpm Bending test totation speed 10 rpm Bending test tums 135 Bending test tratility 0.14 mm² / 0.2 kg Tensile test result 1 mm² / 0.9 kg Tensile test result 1	Nominal current I _N	24 A
Ambient temperature (operation) -60 °C 85 °C Ambient temperature (storage/transport) -25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) -5 °C 70 °C 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 Result of surge voltage test setpoint 4.8 kV Result of power-frequency withstand voltage setpoint 1.5 kV Result of benefancial stability of terminal points (5 x conductor connection) Test passed Power frequency withstand voltage setpoint 1.5 kV Result of bending test of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Result of bending test tradition speed 10 °pm Bending test troation speed 10 °pm Bending test conductor cross section/weight 0.14 mm² (0.2 kg Test passed 0.25 mm² (0.7 kg Test passed 0.14 mm² (0.9 kg Test passed 0.14 mm² Conductor cross section tensile test 0.14 mm²	Nominal voltage U _N	250 V
Ambient temperature (storage/transport) 25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) 5 °C 70 °C DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection Back of	Open side panel	Yes
Permissible humidity (storage/transport) Ambient temperature (assembly) 5° °C 70° °C Shock protection test specification DIN EN 50274 (VDE 0680-514):2002-11 Back of the hand protection guaranteed Finger protection Result of surge voltage test Surge voltage test Test passed Surge voltage test setpoint 4.8 kV Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 1.5 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Test passed Pending test rotation speed 10 rpm Bending test truns 135 Bending test conductor cross section/weight 1.5 kV Result of bending test with surger section for the section fo	Ambient temperature (operation)	-60 °C 85 °C
Ambient temperature (assembly) 5° C 70° C 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 setpoint 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 the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Bending test rotation speed Bending test rotation speed Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Conductor cross section tensile test 10 N Conductor cross section tensile test 2.5 mm² Tractive force selpoint Conductor cross section tensile test 4 mm² Tractive force selpoint Conductor cross section tensile test 4 mm² Tractive force selpoint 60 N Result of tight fit on support Test passed Result of voltage-drop test Result of voltage-drop test Result of voltage-drop test Result of voltage-drop test Result of temperature-rise test Test passed Short circuit stability result Test passed Test passed Fest passed Fest passed Forticricit stability result Test passed Test passed Forticricit stability result Test passed	Ambient temperature (storage/transport)	-25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11 Back of the hand protection guaranteed Finger protection guaranteed Test passed Surge voltage test setpoint As kV Result of power-frequency withstand voltage test Test passed	Permissible humidity (storage/transport)	30 % 70 %
Back of the hand protection guaranteed Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint 1.5 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of the test for mechanical stability of terminal points (5 x Test passed Bending test rotation speed 10 rpm Bending test rotation speed 10 rpm Bending test conductor cross section/weight 0.14 rm² / 0.2 kg Long test conductor cross section/weight 15 mm² / 0.7 kg Test passed Test passed Conductor cross section tensile test 0.14 rm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 rm² Tractive force setpoint 10 N Conductor cross section tensile test 4 rm² Tractive force setpoint 50 N Conductor cross section tensile test 4 rm² Tractive force setpoint 60 N Result of tight fit on support Test passed Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Find of temperature-rise test Test passed	Ambient temperature (assembly)	-5 °C 70 °C
Finger protection guaranteed Result of surge voltage test Test passed Surge voltage test setpoint 4.8 kV Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint 1.5 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 toration speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on surport Test passed Fest passed Requirements, voltage-drop test Test passed Short circuit stability result Test passed Test passed Short-time current 0.3 kA Result of thermal test Test passed	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Result of surge voltage test setpoint As kV 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 Bending test rotation speed Bending test rotation speed Bending test tortage setpoint 10 rpm Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 136 Bending test rotation speed 10 rpm Bending test sesult 10 rpm 137 Bending test conductor cross section/weight 10 rpm 10 rpm	Back of the hand protection	guaranteed
Surge voltage test setpoint Result of power-frequency withstand voltage test Test passed Power frequency withstand voltage setpoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Test passed Bending test rotation speed Bending test rotation speed Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg Test passed Conductor cross section tensile test 10 N Conductor cross section tensile test 10 N Conductor cross section tensile test Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of themeal test Test passed	Finger protection	guaranteed
Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint 1.5 kV Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Test passed Bending test rotation speed 10 rpm Bending test turns 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Test passed Test passed Test passed Conductor cross section tensile test Test passed Test passed Tight fit conductor cross section tensile test Test passed Tight fit on support Test passed Tight fit on support Test passed Test passed Test passed Requirements, voltage-drop test Test passed	Result of surge voltage test	Test passed
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 Result of bending test rotation speed Bending test rotation speed Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Test passed Test passed Result of voltage-drop test Result of voltage-drop test Result of temperature-rise test Test passed Short circuit testing 2.5 mm² Test passed Test passed Test passed Conductor cross section short circuit testing 2.5 mm² Test passed Test passed Short-time current 0.3 kA Result of thermal test Test passed	Surge voltage test setpoint	4.8 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection) Result of bending test Bending test rotation speed Bending test trurns Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm³ Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4 .8 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 2.5 mm² Test passed Conductor cross section tensile test Test passed 5 conductor cross section tensile test Test passed 5 conductor cross section tensile test Test passed 5 conductor cross section tensile test Test passed Conductor cross section tensile test Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Result of power-frequency withstand voltage test	Test passed
Result of bending test Result of bending test Bending test rotation speed Bending test turns Bending test turns Bending test conductor cross section/weight 135 Bending test conductor cross section/weight 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 2.5 mm² Test passed Conductor cross section short circuit testing 2.5 mm² Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Power frequency withstand voltage setpoint	1.5 kV
Bending test rotation speed Bending test turns 135 Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 2.5 mm² Test passed Conductor cross section tensile test Test passed Short-time current 0.3 kA Result of thermal test Test passed		Test passed
Bending test turns Bending test conductor cross section/weight 0.14 mm² / 0.2 kg 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on surport Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of termal test Test passed	Result of bending test	Test passed
Bending test conductor cross section/weight 2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing 2.5 mm² The stap passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of temperal test Test passed	Bending test rotation speed	10 rpm
2.5 mm² / 0.7 kg 4 mm² / 0.9 kg Tensile test result Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Bending test turns	135
4 mm² / 0.9 kg Tensile test result Test passed Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Bending test conductor cross section/weight	0.14 mm² / 0.2 kg
Tensile test result Conductor cross section tensile test 0.14 mm² Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed		2.5 mm² / 0.7 kg
Conductor cross section tensile test Tractive force setpoint 10 N Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing Short-time current 0.3 kA Result of thermal test Test passed		4 mm² / 0.9 kg
Tractive force setpoint Conductor cross section tensile test 2.5 mm² Tractive force setpoint 50 N Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing Short-time current 0.3 kA Result of thermal test Test passed	Tensile test result	Test passed
Conductor cross section tensile test Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing Short-time current 0.3 kA Result of thermal test Test passed	Conductor cross section tensile test	0.14 mm²
Tractive force setpoint Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing Short-time current 0.3 kA Result of thermal test Test passed	Tractive force setpoint	10 N
Conductor cross section tensile test 4 mm² Tractive force setpoint 60 N Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Conductor cross section tensile test	2.5 mm²
Tractive force setpoint Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing Short-time current NS 35 Test passed 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Tractive force setpoint	50 N
Result of tight fit on support Test passed Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Conductor cross section tensile test	4 mm²
Tight fit on carrier NS 35 Setpoint 1 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Conductor cross section short circuit testing Short-time current 0.3 kA Result of thermal test Test passed	Tractive force setpoint	60 N
Setpoint 1 N Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Result of tight fit on support	Test passed
Result of voltage-drop test Test passed Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Tight fit on carrier	NS 35
Requirements, voltage drop ≤ 4.8 mV Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Setpoint	1 N
Result of temperature-rise test Test passed Short circuit stability result Test passed Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Result of voltage-drop test	Test passed
Short circuit stability result Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Requirements, voltage drop	≤ 4.8 mV
Conductor cross section short circuit testing 2.5 mm² Short-time current 0.3 kA Result of thermal test Test passed	Result of temperature-rise test	Test passed
Short-time current 0.3 kA Result of thermal test Test passed	Short circuit stability result	Test passed
Result of thermal test Test passed	Conductor cross section short circuit testing	2.5 mm²
·	Short-time current	0.3 kA
Ageing test for screwless modular terminal block temperature cycles 192	Result of thermal test	Test passed
	Ageing test for screwless modular terminal block temperature cycles	192



Technical data

General

Proof of thermal characteristics (needle flame) effective duration	30 s
Result of aging test	Test passed
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
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

Width	5.2 mm
End cover width	2.2 mm
Length	55 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

Connection data

Connection method	Screw connection
Screw thread	M3
Stripping length	9 mm
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.14 mm²



Technical data

Connection data

2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1.5 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.25 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm ²
Internal cylindrical gage	A3

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings





Classifications

eCl@ss

eCl@ss 10.0.1	27141138
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141138
eCl@ss 8.0	27141138
eCl@ss 9.0	27141138



Classifications

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000902
ETIM 5.0	EC001257
ETIM 6.0	EC001257
ETIM 7.0	EC001257

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

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Approvals

EAC

Ex Approvals

Approval details

EAC RU C-DE.BL08.B.00534

Accessories

Accessories

Bridge



Accessories

Wire bridge - FBSW 2-5/250MM - 3030172



Wire bridge, length: 250 mm, width: 5.1 mm, number of positions: 1, color: red/black

Wire bridge - FBSW 2-5/60MM - 3030170



Wire bridge, length: 60 mm, width: 5.1 mm, number of positions: 1, color: red/black

Wire bridge - FBSW 2-5/110MM - 3030171



Wire bridge, length: 110 mm, width: 5.1 mm, number of positions: 1, color: red/black

Cover profile

Cover profile - AP-NLS N - 1013634



Cover profile, length: 300 mm, color: transparent

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



Accessories

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

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



Accessories

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



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



Accessories

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

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



Accessories

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

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: gray

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

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 cover

End cover - D-UTN 2,5/10 - 3245079



Cover, for the UTN 2,5, UTN 4, UTN 6, UTN 10 terminal blocks

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, color: white





Accessories

Insulating sleeve - MPS-IH RD - 0201676

Insulating sleeve, color: red



Insulating sleeve - MPS-IH BU - 0201689

Insulating sleeve, color: blue



Insulating sleeve - MPS-IH YE - 0201692

Insulating sleeve, color: yellow



Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, color: green



Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray





Accessories

Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, color: black



Jumper

Plug-in bridge - FBS 2-5 - 3030161



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 9 mm, number of positions: 2, color: red

Plug-in bridge - FBS 3-5 - 3030174



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 14.2 mm, number of positions: 3, color: red

Plug-in bridge - FBS 4-5 - 3030187



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 19.4 mm, number of positions: 4, color: red

Plug-in bridge - FBS 5-5 - 3030190



Plug-in bridge, pitch: 5.2 mm, length: 23 mm, width: 24.6 mm, number of positions: 5, color: red



Accessories

Plug-in bridge - FBS 10-5 - 3030213



Plug-in bridge, pitch: 5.2 mm, length: 22.7 mm, width: 50.6 mm, number of positions: 10, color: red

Plug-in bridge - FBS 20-5 - 3030226



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: red

Plug-in bridge - FBSR 2-5 - 3033702



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: red

Plug-in bridge - FBSR 3-5 - 3001591



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: red

Plug-in bridge - FBSR 4-5 - 3001592



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: red



Accessories

Plug-in bridge - FBSR 5-5 - 3001593



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: red

Plug-in bridge - FBSR 10-5 - 3033710



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: red

Plug-in bridge - FBS 2-5 BU - 3036877



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: blue

Plug-in bridge - FBS 3-5 BU - 3036880



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: blue

Plug-in bridge - FBS 4-5 BU - 3036893



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: blue



Accessories

Plug-in bridge - FBS 5-5 BU - 3036903



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: blue

Plug-in bridge - FBS 10-5 BU - 3036916



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: blue

Plug-in bridge - FBS 20-5 BU - 3036929



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: blue

Plug-in bridge - FBS 50-5 BU - 3032114



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: blue

Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10



Accessories

Zack marker strip - ZB 5,LGS:FORTL.ZAHLEN - 1050017



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB 5,QR:FORTL.ZAHLEN - 1050020



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

Zack marker strip - ZB 5,LGS:GLEICHE ZAHLEN - 1050033



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB 5,LGS:L1-N,PE - 1050415



Zack marker strip, Strip, white, labeled, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 5 CUS - 0824581



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: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96



Accessories

Marker for terminal blocks - UCT-TM 5 CUS - 0829595



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

Neutral conductor rail

Neutral busbar - NLS-CU 3/10 SN 1000MM - 0402174



Neutral busbar, width: 10 mm, height: 3 mm, DIN VDE 0611-4: 1991-02, material: Copper, tin-plated, length: 1000 mm, color: silver

Partition plate

Spacer plate - DP PS-5 - 3036725



Spacer plate, length: 22.4 mm, width: 5.2 mm, height: 29 mm, number of positions: 1, color: red

Pick-off terminal block

Power terminal block - EK 135 - 0401023



Power terminal block, connection method: Screw connection, load current: 125 A, cross section: 0.75 mm² - 35 mm², width: 12 mm, color: aluminum color

Power terminal block - EK 116 - 0401010



Power terminal block, connection method: Screw connection, load current: 76 A, cross section: 0.5 mm² - 16 mm², width: 8 mm, color: aluminum color

Screwdriver tools



Accessories

Screwdriver - SF-SL 0,6X3,5-100 S-VDE - 1212587



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Support

Support bracket - UAB - 3032428



Support bracket, number of positions: 1, width: 2 mm, color: blue

Support bracket - AB/NS - 1201141



Support bracket, for insulated mounting of DIN rails in insulated systems, plastic, 21 mm high

Support bracket - AB-UTN 2,5/10 - 3245082



Support bracket, Bracket for busbars, set every 20 cm, length: 58.4 mm, width: 2.2 mm, height: 46.9 mm, number of positions: 1, color: blue

Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



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: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10



Accessories

Marker for terminal blocks - UC-TM 5 - 0818108



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: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

Marker for terminal blocks - UCT-TM 5 - 0828734



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: gray

Test plugs - PS-5 - 3030983



Test plugs, Modular test plug, color: red

Test plugs - PS-5/2,3MM RD - 3038723



Test plugs, color: red

Test socket



Accessories

Test adapter - PAI-4-FIX-5/6 BU - 3035975



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 OG - 3035974



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 YE - 3035977



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 RD - 3035976



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 GN - 3035978



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch



Accessories

Test adapter - PAI-4-FIX-5/6 BK - 3035980



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 GY - 3035982



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 VT - 3035979



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 BN - 3035981



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Test adapter - PAI-4-FIX-5/6 WH - 3035983



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch

Additional products



Accessories

Connection terminal block - AKG 16 BU - 0423014



Connection terminal block, connection method: Screw connection, load current: 76 A, cross section: $1.5 \text{ mm}^2 - 16 \text{ mm}^2$, width: 9.8 mm, color: blue

Connection terminal block - AKG 35 BU - 0424013



Connection terminal block, connection method: Screw connection, load current: 125 A, cross section: 2.5 mm² - 35 mm², width: 14.3 mm, color: blue

Branch terminal - IAK 16 - 2715982



Branch terminal, connection method: Screw connection, load current: 76 A, cross section: 0.5 mm² - 16 mm², width: 7.7 mm, color: gray

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