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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-in connection, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, color: orange

#### Your advantages

- Clear wiring, thanks to lateral conductor entry
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



### **Key Commercial Data**

Packing unit	1 pc
Minimum order quantity	100 pc
GTIN	4 063151 524388
GTIN	4063151524388
Custom tariff number	85369010
Country of origin	China

### Technical data

### General

Number of positions	1
Number of rows	1
Number of connections	2
Nominal cross section	6 mm <sup>2</sup>
Color	orange

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### Technical data

### General

Concrai	
Insulating material	PA 6.6
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Mounting type	NS 35/7,5
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	52 A (with 10 mm² conductor cross section, rigid)
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	Yes
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 flexion and pull-out test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.5 mm² / 0.3 kg
	6 mm² / 1.4 kg
	10 mm² / 2 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.5 mm²
Tractive force setpoint	20 N
Conductor cross section tensile test	6 mm²
Tractive force setpoint	80 N
Conductor cross section tensile test	10 mm²
Tractive force setpoint	90 N

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### Technical data

### General

Result of light fit on support Tight fit on carrier NS 32/NS 35 Result of voltage-drop test Requirements, voltage drop U, < 3 2 mV; U <sub>2</sub> < 1.5 x U <sub>1</sub> Result of temperature-rise test Requirement temperature-ise test Requirements-ise test Requirement temperature-ise test Requirement temperature-ise test Requirement temperature-ise test Requirements-ise test Requirements-ise test Requirement temperature-ise test Requirements-ise test Requirement temperature-ise test Requirements-ise test Requi		
Result of voltage-drop test Requirements, voltage drop U₁ ≤ 3.2 mV; U₂ ≤ 1.5 x U₁ Result of temperature-rise test Requirement temperature-rise test Increase in temperature ≤ 45 K Short circuit stability result Test passed Conductor cross section short circuit testing 6 mm² Short-lime current 0.72 kA Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Ageing test for screwless modular terminal block temperature cycles 0.0scillation, broadband noise test result Test passed  7 test passed Ageing test for screwless modular terminal block temperature cycles 0.0scillation, broadband noise test result Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test spectrum Service life test category 2, bogie-mounted Test frequency f₁ = 5 Hz to f₂ = 250 Hz ASD level 6.12 (m/s²)²Hz Acceleration 3.12g Test duration per axis 5 h Test directions Nx, Y- and Z-axis Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05 Shock form Half-sine Acceleration 3.0g Shock duration Number of shocks per direction 3 Test directions Nx, Y- and Z-axis (pos. and neg.) Test directions Shock per direction 3 Test directions Nx, Y- and Z-axis (pos. and neg.) Temperature index of insulation material (DIN EN 60216-1 (VDE 0034-21)) Static insulation material temperature index (Elec., UL 746 B) Temperature index of insulation material (DIN EN 60216-1 (VDE 0034-21)) Static insulating material application in cold Calorimetric heat release NFPA 130 (ASTM E 162) passed Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Result of tight fit on support	Test passed
Result of temperature-rise test Requirement temperature-rise test Requirement temperature-rise test Increase in temperature ≤ 45 K Increase in temperature interest ≤ 192 C	Tight fit on carrier	NS 32/NS 35
Requirement temperature-rise test Requirement temperature-rise test Increase in temperature ≤ 45 K Short circuit stability result Conductor cross section short circuit testing 6 mm² Short-time current 0.72 kA Result of thermal test Fost passed Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Ageing test for screwless modular terminal block temperature cycles 192 Oscillation, broadband noise test result Test passed Section, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise 101 EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise 102 EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise 103 EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise 104 EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise 105 EN 50155 (VDE 0115-200):2018-05 Test specification 105 EN 50155 (VDE 0115-200):2018-05 Test directions 106 EN 50155 (VDE 0115-200):2018-05 Test specification, shock test 107 EN 50155 (VDE 0115-200):2018-05 Test directions 108 EN 50155 (VDE 0115-200):2018-05 Test directions 109 EN 501	Result of voltage-drop test	Test passed
Requirement temperature-rise test  Short circuit stability result  Conductor cross section short circuit testing  6 mm²  6 mm²  Nor-Lime current  0.72 kA  Result of thermal test  Test passed  Proof of thermal test  Proof of thermal characteristics (needle flame) effective duration  8 sesult of aging test  Ageing test for screwless modular terminal block temperature cycles  192  Oscillation, broadband noise test result  Test passed  Prest passed  Service life test category 2, bogie-mounted  Test spectrum  Service life test category 2, bogie-mounted  Test frequency  f₁ = 5 Hz to f₂ = 250 Hz  ASD level  6.12 (m/s³/7Hz  Acceleration  3.12g  Test duration per axis  5 h  Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  3.0 g  Shock duration  18 ms  Number of shocks per direction  3 (Ed. Ur. 46 B)  Test directions  X. Y. and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material polication in cold  Surface flammability NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Requirements, voltage drop	$U_1 \le 3.2 \text{ mV}; U_2 \le 1.5 \text{ x } U_1$
Short circuit stability result Conductor cross section short circuit testing 6 mm² Short-time current 0.72 kA Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Ageing test for screwless modular terminal block temperature cycles 192 Oscillation, broadband noise test result Test passed Test passed Oscillation, broadband noise test result Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification per axis Test frequency f, = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s)7/Hz Acceleration 3.12g Test directions X-, Y- and Z-axis Shock test result Test passed Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05 Shock form Half-sine Acceleration 30g Shock duration 18 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions Test directions X-, Y- and Z-axis (pos. and neg.) Test directions Test directions X-, Y- and Z-axis (pos. and neg.) Test directions Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (pos. and neg.) Test directions X-, Y- and Z-axis (po	Result of temperature-rise test	Test passed
Conductor cross section short circuit testing Short-time current O.72 kA Result of thermal test Test passed Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Ageing test for screwless modular terminal block temperature cycles 192 Oscillation, broadband noise test result Test passed Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test frequency f, i 5 Hz to f, = 250 Hz ASD level 6.12 (m/s <sup>9</sup> )*Hz Acceleration 3.12g 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):2018-05 Shock form Half-sine Acceleration 30g Shock duration 18 ms Number of shocks per direction 18 ms Number of shocks per direction 3 (A. Y- and Z-axis (pos. and neg.)) Test directions Relative insulation material temperature index (Elec., UL 746 B) 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 162) passed Specific optical density of smoke NFPA 130 (ASTM E 162) passed Calorimetric heat release NFPA 130 (ASTM E 162) passed Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Requirement temperature-rise test	Increase in temperature ≤ 45 K
Short-time current  Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Aging test for screwless modular terminal block temperature cycles 192 Oscillation, broadband noise test result Test passed Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise Service life test category 2, bogie-mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s²) <sup>3</sup> /Hz Acceleration 3.12g Test duration per axis 5 h Test directions Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05 DIN EN 50155 (VDE 0115-200):2018-05 DIN EN 50155 (VDE 0115-200):2018-05 DIN EN 50156 (VDE 011	Short circuit stability result	Test passed
Result of thermal test Proof of thermal characteristics (needle flame) effective duration 30 s Result of aging test Ageing test for screwless modular terminal block temperature cycles 192 Oscillation, broadband noise test result Test passed Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05 Test specification, oscillation, broadband noise Test specification, oscillation, broadband noise Test specification, oscillation, broadband noise Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz ASD level 6.12 (m/s²)²/Hz Asceleration 3.12g Test duration per axis 5 h Test duration per axis Test duration per axis Tost specification, shock test DIN EN 50155 (VDE 0115-200):2018-05 Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05 Shock form Half-sine Acceleration 30g Shock duration 18 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) Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C Static insulating material application in cold 50rd C Surface flammability NFPA 130 (ASTM E 162) passed Calorimetric heat release NFPA 130 (ASTM E 162) passed Fire protection for rail vehicles (DIN EN 45545-2) R22 H. L. I. H. L. 3	Conductor cross section short circuit testing	6 mm²
Proof of thermal characteristics (needle flame) effective duration  Result of aging test  Test passed  Ageing test for screwless modular terminal block temperature cycles  192  Oscillation, broadband noise test result  Test spassed  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2018-05  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2018-05  Service life test category 2, bogie-mounted  Test frequency  \$\frac{1}{5}\$ Hz to \$\frac{1}{2}\$ = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12g  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):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 4545-2) R22  HL 1 - HL 3	Short-time current	0.72 kA
Result of aging test  Ageing test for screwless modular terminal block temperature cycles  192  Oscillation, broadband noise test result  Test passed  DIN EN 50155 (VDE 0115-200):2018-05  Test spectrum  Service life test category 2, bogie-mounted  Fit spectrum  Service life test category 2, bogie-mounted  Fit set frequency  fit set by La to fit set set category 2, bogie-mounted  Fit set frequency  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test passed  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 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)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  60 ° C  Surface flammability NFPA 130 (ASTM E 162)  passed  Calorimetric heat release NFPA 130 (ASTM E 1634)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 4545-2) R22  HL 1 - HL 3	Result of thermal test	Test passed
Ageing test for screwless modular terminal block temperature cycles  Oscillation, broadband noise test result  Test spassed  DIN EN 50155 (VDE 0115-200):2018-05  Test spectrum  Service life test category 2, bogie-mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  ACCELERATION  ACCELERATION  Test duration per axis  Test duration per axis  Toest passed  Test passed	Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2018-05  Test spectrum Service life test category 2, bogie-mounted Test frequency f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level 6.12 (m/s³³²/Hz  Acceleration 3.12g  Test duration per axis 5 h  Test directions X-, Y- and Z-axis  Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2018-05  Shock form Half-sine Acceleration 30g Shock duration 18 ms  Number of shocks per direction 30 °C  Temperature index of insulation material temperature index (Elec., UL 746 B) Temperature index of insulation material application in cold 50 °C  Surface flammability NFPA 130 (ASTM E 162) passed Calorimetric heat release NFPA 130 (ASTM E 1662) passed Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Result of aging test	Test passed
Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2018-05  Test spectrum  Service life test category 2, bogie-mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s³)²/Hz  Acceleration  3.12g  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):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 Test directions  X-, Y- and Z-axis (pos. and neg.)  Test directions  Test directions  N-, Y- and Z-axis (pos. and neg.)  Test directions  Test directions  Test directions  X-, Y- and Z-axis (pos. and neg.)  Test directions  Relative insulation material temperature index (Elec., UL 746 B)  Test directions  Test directions  Test directions  Relative insulation material application in cold  Test directions (IN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Gurface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Passed  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Ageing test for screwless modular terminal block temperature cycles	192
Test spectrum  Service life test category 2, bogie-mounted  Test frequency  f, = 5 Hz to f, = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 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)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Oscillation, broadband noise test result	Test passed
Test frequency         f₁ = 5 Hz to f₂ = 250 Hz           ASD level         6.12 (m/s²)²/Hz           Acceleration         3.12g           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):2018-05           Shock form         Half-sine           Acceleration         30g           Shock duration         18 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           Surface flammability NFPA 130 (ASTM E 162)         passed           Specific optical density of smoke NFPA 130 (ASTM E 662)         passed           Calorimetric heat release NFPA 130 (ASTM E 1354)         28 MJ/kg           Smoke gas toxicity NFPA 130 (SMP 800C)         passed           Fire protection for rail vehicles (DIN EN 45545-2) R22         HL 1 - HL 3	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2018-05
ASD level  Acceleration  Test duration per axis  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30 g  Shock duration  18 ms  Number of shocks per direction  3 Test directions  X-, Y- and Z-axis (V-, Y- and Z-axis)  Relative insulation material temperature index (Elec., UL 746 B)  Static insulation material application in cold  4-60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 1654)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Test spectrum	Service life test category 2, bogie-mounted
Acceleration 3.12g  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):2018-05  Shock form Half-sine  Acceleration 30g  Shock duration 18 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  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
Test duration per axis  Test directions  X-, Y- and Z-axis  Shock test result  Test passed  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  Test directions  Relative insulation material temperature index (Elec., UL 746 B)  Static insulating material application in cold  Static insulating material application in cold  Specific optical density of smoke NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	ASD level	6.12 (m/s²)²/Hz
Test directions X-, Y- and Z-axis  Shock test result Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form Half-sine  Acceleration 30g  Shock duration 18 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  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Acceleration	3.12g
Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 (Asym E lative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  Gurface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Test duration per axis	5 h
Test specification, shock test  DIN EN 50155 (VDE 0115-200):2018-05  Shock form  Half-sine  Acceleration  30g  Shock duration  18 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))  Static insulating material application in cold  460 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  passed  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Test directions	X-, Y- and Z-axis
Shock form Half-sine  Acceleration 30g  Shock duration 18 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  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Shock test result	Test passed
Acceleration 30g  Shock duration 18 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  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Test specification, shock test	DIN EN 50155 (VDE 0115-200):2018-05
Shock duration 18 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  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Shock form	Half-sine
Number of shocks per direction  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Acceleration	30g
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))  Static insulating material application in cold  -60 °C  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Shock duration	18 ms
Relative insulation material temperature index (Elec., UL 746 B)  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)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Number of shocks per direction	3
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  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Test directions	X-, Y- and Z-axis (pos. and neg.)
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  Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg  Smoke gas toxicity NFPA 130 (SMP 800C) passed  Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  passed  passed  HL 1 - HL 3	Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Specific optical density of smoke NFPA 130 (ASTM E 662)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Static insulating material application in cold	-60 °C
Calorimetric heat release NFPA 130 (ASTM E 1354)  Smoke gas toxicity NFPA 130 (SMP 800C)  passed  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Surface flammability NFPA 130 (ASTM E 162)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)  passed  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
	Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3	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

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### Technical data

### General

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	8.2 mm
End cover width	2.2 mm
Length	61 mm
Height	42.2 mm
Height NS 35/7,5	43.5 mm
Height NS 35/15	51 mm

### Connection data

Connection method	Push-in connection
Stripping length	10 mm 12 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
Connection cross sections directly pluggable	1.5 mm² 10 mm² 16 8
Conductor cross section solid min.	1.5 mm²
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	16
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
Internal cylindrical gage	A5

### Ambient conditions

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### Technical data

### Ambient conditions

Operating temperature	-60 °C 105 °C (max. short-term operating temperature 130°C)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % 70 %
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1

### Drawings

Circuit diagram



### Classifications

### eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 11.0	27141120
eCl@ss 9.0	27141120

### Approvals

Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC

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RU C-

DE.BL08.B.00644



### Accessories

Accessories

DIN rail

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



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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### Accessories

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



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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



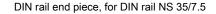
DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

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





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



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver



### Accessories

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



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

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



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver



### Accessories

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



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, 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, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

### End block

End clamp - E/UK - 1201442



End clamp, Mounting on a DIN rail NS 32 or NS 35, material: PA, color: gray



### Accessories

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: 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

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End cover

Cover - D-PTV 6 - 1180894



Cover, length: 61 mm, width: 2.2 mm, height: 36 mm, color: gray



### Accessories

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, color: white



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



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### Accessories

Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray



Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, color: black



Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, pitch: 8.2 mm, color: red



### Accessories

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, pitch: 8.2 mm, color: red

Plug-in bridge - FBS 2-8 CT - 3033830



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 3-8 CT - 3033831



Plug-in bridge, pitch: 8.2 mm, color: orange



### Accessories

Plug-in bridge - FBS 4-8 CT - 3033832



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, pitch: 8.2 mm, color: orange

Plug-in bridge - FBS 2-8 BU - 3032567



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 3-8 BU - 3032570



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 4-8 BU - 3032583



Plug-in bridge, pitch: 8.2 mm, color: blue



### Accessories

Plug-in bridge - FBS 5-8 BU - 3032596



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 6-8 BU - 3032677



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 10-8 BU - 3032606



Plug-in bridge, pitch: 8.2 mm, color: blue

Plug-in bridge - FBS 2-8 GY - 3032621



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 3-8 GY - 3032622



Plug-in bridge, pitch: 8.2 mm, color: gray



### Accessories

Plug-in bridge - FBS 4-8 GY - 3032635



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 5-8 GY - 3032648



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 6-8 GY - 3032664



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 10-8 GY - 3032651



Plug-in bridge, pitch: 8.2 mm, color: gray

Plug-in bridge - FBS 1/4/7/10-8 - 3032402



Plug-in bridge, pitch: 8.2 mm, pin assignment: 1,4,7,10, color: red



### Accessories

Plug-in bridge - FBS 1/3/5-8 - 3032389



Plug-in bridge, pitch: 8.2 mm, pin assignment: 1,3,5, color: red

Plug-in bridge - FBS 1/5-8 - 3032381



Plug-in bridge, pitch: 8.2 mm, pin assignment: 1,5, color: red

Plug-in bridge - FBS 1/3-8 - 3032363



Plug-in bridge, pitch: 8.2 mm, pin assignment: 1,3, color: red

#### Labeled terminal marker

Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 8 CUS - 0824597



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

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#### Accessories

Marker for terminal blocks - UCT-TM 8 CUS - 0829616



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

#### Zack marker strip - ZB 8,LGS:FORTL.ZAHLEN - 1052015



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

### Zack marker strip - ZB 8,QR:FORTL.ZAHLEN - 1052028



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

#### Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

### Zack Marker strip, flat - ZBF 8 CUS - 0825030



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10



#### Accessories

Zack Marker strip, flat - ZBF 8,LGS:FORTL.ZAHLEN - 0808804



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 101 ... 110, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TMF 8 CUS - 0824654



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

Marker for terminal blocks - UCT-TMF 8 CUS - 0829672



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42

#### Partition plate

Spacer plate - DP PS-8 - 3036741



Spacer plate, length: 22.4 mm, width: 8.2 mm, height: 29 mm, number of positions: 1, color: red

#### Planning and marking software

Software - PROJECT COMPLETE - 1050453



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

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### Accessories

### Reducing bridge

Reducing bridge - RB ST 6-1,5/S - 3213250



Reducing bridge, pitch: 8 mm, color: red

#### Screwdriver tools

Screwdriver - SZK PH0 VDE - 1205147



Screwdriver, PH crosshead, VDE insulated, size: PH 0 x 80 mm, 2-component grip, with non-slip grip

Screwdriver - SZK PH1 VDE - 1205150



Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

Screwdriver - SZK PH2 VDE - 1205163



Screwdriver, PH crosshead, VDE insulated, size: PH 2 x 100 mm, 2-component grip, with non-slip grip



### Accessories

Philips screwdriver - SZK PZ0 VDE - 1206447



Screwdriver, PZ crosshead, VDE insulated, size: PZ 0 x 80 mm, 2-component grip, with non-slip grip

Philips screwdriver - SZK PZ1 VDE - 1206450



Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 0,6X3,5 VDE - 1212602



Screwdriver, slot-headed, VDE insulated, size:  $0.6 \times 3.5 \times 100$  mm, 2-component grip, with non-slip grip

Screwdriver - SZS 0,8X4,0 VDE - 1212508



Screwdriver, slot-headed, VDE insulated, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip



#### Accessories

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 1,0X5,5 VDE - 1209114



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 5.5 x 125 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 1,0X6,5 VDE - 1205079



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

### Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 8 - 0818072



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56



#### Accessories

Marker for terminal blocks - UCT-TM 8 - 0828740



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: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

#### Zack Marker strip, flat - ZBF 8:UNBEDRUCKT - 0808781



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

#### Marker for terminal blocks - UC-TMF 8 - 0818137



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 flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

### Marker for terminal blocks - UCT-TMF 8 - 0828748



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 flat marker groove, for terminal block width: 8.2 mm, lettering field size: 7.4 x 4.7 mm, Number of individual labels: 42

#### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm<sup>2</sup> conductor cross section, color: gray



### Accessories

Test plugs - PS-8 - 3031005



Test plugs, Modular test plug, color: red

Test plugs - PS-8/2,3MM RD - 3048564



Test plugs, color: red

#### Test socket

Test adapter - PAI-4-FIX BU - 3032729



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: blue

Test adapter - PAI-4-FIX OG - 3034455



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX YE - 3032745



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: yellow

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#### Accessories

Test adapter - PAI-4-FIX RD - 3032732



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: red

Test adapter - PAI-4-FIX GN - 3032758



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: green

Test adapter - PAI-4-FIX BK - 3032774



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: black

Test adapter - PAI-4-FIX GY - 3032790



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: gray

Test adapter - PAI-4-FIX VT - 3032761



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 4.2 mm ... 8.2 mm pitch, color: violet

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### Accessories

Test adapter - PAI-4-FIX BN - 3032787



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: brown

Test adapter - PAI-4-FIX WH - 3032797



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAIS-4-FIX GY - 3032791



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: gray

Test adapter - PAIS-4-FIX BK - 3032792



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: black

Test adapter - PAIS-4-FIX RD - 3032793



Test adapter, Do not plug in while the power is connected, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: red

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### Accessories

Test adapter - PAIS-4-FIX BU - 3032798



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: blue

Test adapter - PAIS-4-FIX YE - 3032799



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: yellow

Test adapter - PAIS-4-FIX GN - 3032801



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: green

Test adapter - PAIS-4-FIX VT - 3032802



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: violet

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