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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 41 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, width: 8.2 mm, height: 42.2 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

### Your advantages

- ☑ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- Tested for railway applications





## **Key Commercial Data**

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 046356 494656
GTIN	4046356494656
Weight per Piece (excluding packing)	14.660 g
Custom tariff number	85369010
Country of origin	China
Note	Made to Order (non-returnable)

### Technical data

### General

Number of levels	1
Number of connections	2
Potentials	1
Nominal cross section	6 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0



### Technical data

### General

Area of application         Railway industry           Machine building           Rated surge voltage         8 kV           Degree of pollution         3           Overvoltage category         III           Insulating material group         I.31 W           Maximum power dissipation for nominal condition         1.31 W           Maximum boad 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           Ambient temperature (operation)         460 °C ··· .85 °C           Ambient temperature (storage/transport)         25 °C ··· .55 °C (For a short time, not exceeding 24 n, -80 to +70 °C)           Permissible humidity (storage/transport)         30 % ··· .70 °C           Ambient temperature (assembly)         5 °C ·· .70 °C           Ambient temperature (schustion)         9 °C ·· .70 °C           Ambient temperature (schustion)         9 °C ·· .70 °C           Ambient temperature (schus			
Plant engineering   Rated surge voltage   8 kV	Area of application	Railway industry	
Rated surge voltage         8 kV           Degree of pollution         3           Overvoltage category         III           Insulating material group         1           Maximum power dissipation for nominal condition         1.31 W           Maximum power dissipation for nominal condition         5.2 k (with 10 mm² conductor cross section, rigid)           Mominal voltage Un         1000 V           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           Ambient temperature (actuation)         -5 °C 70 °C           Back of the hand protection         guaranteed           Essuit of surge voltage te		Machine building	
Degree of pollution   3   3   3   3   3   3   3   3   3		Plant engineering	
Overvoltage category         III           Insulating material group         I           Maximum power dissipation for nominal condition         1.31 W           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           Ambient temperature (operation)         -80 °C 85 °C (For a short time, not exceeding 24 h, -80 to +70 °C)           Ambient temperature (storage/transport)         25 °C 70 °C           Ambient temperature (actuation)         -5 °C 70 °C           Ambient temperature (actuation)         -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 surp 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 bending test         Test passed           Bending test troation speed         10 rpm           Bending test troation speed         10 rpm² / 1.4	Rated surge voltage	8 kV	
Insulating material group   I	Degree of pollution	3	
Maximum power dissipation for nominal condition     1.31 W       Maximum load current     52 Å (with 10 mm² conductor cross section, rigid)       Nominal current I₁₂     41 Å       Nominal voltage U₂₀     1000 V       Open side panel     Yes       Ambient temperature (operation)     -60 °C 85 °C       Ambient temperature (storage/transport)     -25 °C 75 °C (For a short time, not exceeding 24 h, -60 to +70 °C)       Permissible humidity (storage/transport)     30 % 70 °C       Ambient temperature (actuation)     -5 °C 70 °C       Ambient temperature (actuation)     -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 setpoint     9.8 kV       Result of power-frequency withstand voltage test     Test passed       Surge voltage test setpoint     2.2 kV       Result of bending test for mechanical stability of terminal points (5 x conductor connection)     Test passed       Bending test toon speed     10 rpm       Bending test conductor cross section/weight     0.5 mm² / 1.4 kg       Bending test conductor cross section weight     0.5 mm² / 2 kg       Test passed     0.5 mm²       Test passed       Test passed     0.5 mm² <t< td=""><td>Overvoltage category</td><td>III</td></t<>	Overvoltage category	III	
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           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           Ambient temperature (ascuation)         -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 setpoint         9.8 kV           Result of power-frequency withstand voltage test         Test passed           Surge voltage test setpoint         2.2 kV           Result of the test for mechanical stability of terminal points (5 x conductor connection)         Test passed           Result of bending test         Test passed           Bending test rotation speed         10 rpm           Bending test troation speed         0.5 mm² / 0.3 kg           Bending test troation speed         0.5 mm² / 1.4 kg<	Insulating material group	I	
Nominal current I <sub>k</sub> 41 A           Nominal voltage U <sub>N</sub> 1000 V           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 °C           Ambient temperature (assembly)         -5 °C 70 °C           Ambient temperature (assembly)         -5 °C 70 °C           Ambient temperature (ascutation)         -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 setyoint         9.8 kV           Result of power-frequency withstand voltage test         Test passed           Power frequency withstand voltage setpoint         2.2 kV           Result of bending test         Test passed           Bending test rotation speed         10 rpm           Bending test trotation speed         10 rpm           Bending test trotation speed         0.5 mm² / 1.4 kg           Tensile test result         Test passed           Conductor cross section tensile test	Maximum power dissipation for nominal condition	1.31 W	
Nominal voltage U <sub>N</sub> 1000 V           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           Ambient temperature (actuation)         -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         9.8 kV           Result of power-frequency withstand voltage test         Test passed           Power frequency withstand voltage setpoint         2.2 kV           Result of bending test         Test passed           Result of bending test         Test passed           Bending test turns         135           Bending test conductor cross section/weight         0.5 mm² / 0.3 kg           Test passed         10 mm² / 2 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.5 mm² <td>Maximum load current</td> <td>52 A (with 10 mm² conductor cross section, rigid)</td>	Maximum load current	52 A (with 10 mm² conductor cross section, rigid)	
Open side panel         Yes           Ambient temperature (operation)         460 °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 °C           Ambient temperature (assembly)         -5 °C 70 °C           Ambient temperature (actuation)         -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 setpoint         guaranteed           Result of power-frequency withstand voltage test         Test passed           Power frequency withstand voltage setpoint         2.2 kV           Result of the test for mechanical stability of terminal points (5 x conductor connection)         Test passed           Result of bending test         Test passed           Bending test rotation speed         10 rpm           Bending test conductor cross section/weight         0.5 mm² / 0.3 kg           Tensile test result         Test passed           Conductor cross section tensile test         0.5 mm²           Tractive force setpoint         20 N           Conductor cross section tensile test	Nominal current I <sub>N</sub>	41 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 Ambient temperature (actuation) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C  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)  Result of bending test Test passed  Bending test rotation speed 10 rpm  Bending test rotation speed 10 rpm  Bending test conductor cross section/weight 0.5 mm² / 1.4 kg  10 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 1 6 mm²  Tractive force setpoint 80 N  Conductor cross section tensile test 10 mm²  Tractive force setpoint 90 N  Result of tight fit on support	Nominal voltage U <sub>N</sub>	1000 V	
Ambient temperature (storage/transport) Permissible humidity (storage/transport) 30 % 70 % Ambient temperature (assembly) 45 °C 70 °C Ambient temperature (actuation) 50 °C 70 °C Ambient temperature (actuation) 51 °C 70 °C Ambient temperature (actuation) 51 °C 70 °C Shock protection test specification 52 °C 70 °C Shock protection test specification 53 °C 70 °C Shock protection test specification 54 °C 70 °C Shock protection test specification 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C) 56 °C 70 °C 57 °C 70 °C Shock protection test specification 56 °C 70 °C Shock protection test specification 57 °C 70 °C Shock protection test specification 58 °C (For a short time, not exceeding 24 h, -60 to +70 °C) 68 °C 70 °C Shock protection specification 59 °C 70 °C Shock protection test specification 50 °C 70 °C Shock protection test specification 50 °C 70 °C 50 °C	Open side panel	Yes	
Permissible humidity (storage/transport)  Ambient temperature (assembly)  -5 °C 70 °C  Ambient temperature (actuation)  -5 °C 70 °C  Shock protection test specification  DIN EN 50274 (VDE 0660-514):2002-11  Back of the hand protection  guaranteed  Finger protection  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  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Bending test rotation speed  Bending test rotation speed  Bending test turns  Bending test conductor cross section/weight  -6 mm² / 1.4 kg  10 mm² / 2 kg  Tensile test result  Test passed  Conductor cross section tensile test  -7 conductor cross section tensile test  Conductor cross section tensile test  Conductor cross section tensile test  Tractive force setpoint  Tractive force setpoint	Ambient temperature (operation)	-60 °C 85 °C	
Ambient temperature (assembly)  -5 °C 70 °C  Ambient temperature (actuation)  -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  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  Test passed  Power frequency withstand voltage setpoint  Result of bending test  Test passed  10 rpm  Bending test rotation speed  10 rpm  Bending test rotation speed  10 rpm  Bending test conductor cross section/weight  0.5 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Conductor cross section tensile test  Test passed  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  20 N  Conductor cross section tensile test  Tractive force setpoint  On mm²  Tractive force setpoint  Fest passed  Test passed	Ambient temperature (storage/transport)	-25 °C 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)	
Ambient temperature (actuation)  -5 °C 70 °C  Shock protection test specification  DIN EN 50274 (VDE 0660-514):2002-11  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  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test  Test passed  Peding 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  Test passed  Conductor cross section tensile test  7 test passed  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  80 N  Result of tight fit on support  Test passed	Permissible humidity (storage/transport)	30 % 70 %	
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  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  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  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  Test passed  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  Pol N  Result of tight fit on support  Test passed	Ambient temperature (assembly)	-5 °C 70 °C	
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) Result of bending test Result of bending test Test passed Pending 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 Result of tight fit on support Test passed	Ambient temperature (actuation)	-5 °C 70 °C	
Finger protection guaranteed  Result of surge voltage test Test passed  Surge voltage test setpoint 9.8 kV  Result of power-frequency withstand voltage test Test passed  Power frequency withstand voltage setpoint 2.2 kV  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test Tractive force setpoint 135  Bending test rotation speed 10 rpm  Bending test conductor cross section/weight 0.5 mm² / 1.4 kg  10 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Conductor cross section tensile test 0.5 mm²  Tractive force setpoint 20 N  Conductor cross section tensile test 10 mm²  Tractive force setpoint 80 N  Conductor cross section tensile test 10 mm²  Tractive force setpoint 90 N  Result of tight fit on support Test passed	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11	
Result of surge voltage test Surge voltage test setpoint 9.8 kV  Result of power-frequency withstand voltage test Power frequency withstand voltage setpoint 2.2 kV  Result of the test for mechanical stability of terminal points (5 x conductor connection)  Result of bending test Test passed  Persult of bending test Test passed  Tractive force setpoint Test passed	Back of the hand protection	guaranteed	
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 bending test  Test passed  Test passed  Bending test rotation speed  Bending test turns  Bending test conductor cross section/weight  O.5 mm² / 0.3 kg  6 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Test passed  Test passed  O.5 mm²  Test passed  Test passed  O.5 mm² / 0.3 kg  6 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Conductor cross section tensile test  O.5 mm²  Tractive force setpoint  Conductor cross section tensile test  Test passed  Tractive force setpoint  Onductor cross section tensile test  Test passed  Tractive force setpoint  Onductor cross section tensile test  Tractive force setpoint  Onductor cross section tensile test  Test passed  Tractive force setpoint  Onductor cross section tensile test  Test passed  Tractive force setpoint  Test passed	Finger protection	guaranteed	
Result of 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 turns  Bending test conductor cross section/weight  6 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Test passed  Test passed  Bending test turns  Bending test conductor cross section/weight  6 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  Bending test conductor tross section tensile test  10 mm²  Tractive force setpoint  Conductor cross section tensile test  10 mm²  Tractive force setpoint  Bo N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  Pest 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  Test passed  Bending test rotation speed  Bending test turns  Bending test conductor cross section/weight  O.5 mm² / 1.4 kg  10 mm² / 2 kg  Test passed  Test passed  Conductor cross section tensile test  Test passed  O.5 mm²  Tractive force setpoint  Onm²  Bending test conductor cross section tensile test  Test passed  O.5 mm²  Tractive force setpoint  Onm²  Tractive force setpoint  Pon N  Result of tight fit on support  Test passed  Test passed	Surge voltage test setpoint	9.8 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 turns  Bending test conductor cross section/weight  Bending test turns  Bending test turns  Bending test turns  Bending test conductor cross section/weight  Bending test conductor cross section tensile test  Test passed  Conductor cross section tensile test  Bending test passed  Test passed  Tractive force setpoint  Bending test passed  Test passed  Test passed	Result of power-frequency withstand voltage test	Test passed	
conductor connection)  Result of bending test  Bending test rotation speed  Bending test turns  Bending test conductor cross section/weight  135  Bending test conductor cross section/weight  135  Bending test conductor cross section/weight  10 smm² / 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  80 N  Result of tight fit on support  Test passed	Power frequency withstand voltage setpoint	2.2 kV	
Bending test rotation speed  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  Conductor cross section tensile test  6 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  80 N  Result of tight fit on support  Test passed		Test passed	
Bending test turns  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  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  Tractive force setpoint  80 N  Tractive force setpoint  Test passed	Result of bending test	Test passed	
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  Result of tight fit on support  Test passed	Bending test rotation speed	10 rpm	
6 mm² / 1.4 kg  10 mm² / 2 kg  Tensile test result  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  Conductor cross section tensile test  6 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  80 N  Result of tight fit on support  Test passed	Bending test turns	135	
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 Result of tight fit on support Test passed	Bending test conductor cross section/weight	0.5 mm² / 0.3 kg	
Tensile test result  Conductor cross section tensile test  0.5 mm²  Tractive force setpoint  Conductor cross section tensile test  6 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  90 N  Result of tight fit on support  Test passed		6 mm² / 1.4 kg	
Conductor cross section tensile test  Tractive force setpoint  Conductor cross section tensile test  6 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  90 N  Result of tight fit on support  Test passed		10 mm² / 2 kg	
Tractive force setpoint  Conductor cross section tensile test  6 mm²  Tractive force setpoint  80 N  Conductor cross section tensile test  10 mm²  Tractive force setpoint  90 N  Result of tight fit on support  Test passed	Tensile test result	Test passed	
Conductor cross section tensile test 6 mm²  Tractive force setpoint 80 N  Conductor cross section tensile test 10 mm²  Tractive force setpoint 90 N  Result of tight fit on support Test passed	Conductor cross section tensile test	0.5 mm²	
Tractive force setpoint 80 N  Conductor cross section tensile test 10 mm²  Tractive force setpoint 90 N  Result of tight fit on support Test passed	Tractive force setpoint	20 N	
Conductor cross section tensile test 10 mm²  Tractive force setpoint 90 N  Result of tight fit on support Test passed	Conductor cross section tensile test	6 mm²	
Tractive force setpoint 90 N  Result of tight fit on support Test passed	Tractive force setpoint	80 N	
Result of tight fit on support Test passed	Conductor cross section tensile test	10 mm²	
	Tractive force setpoint	90 N	
Tight fit on carrier NS 35	Result of tight fit on support	Test passed	
	Tight fit on carrier	NS 35	



### Technical data

### General

Setpoint	5 N	
Result of voltage-drop test	Test passed	
Requirements, voltage drop	$\leq 3.2 \text{ mV}$	
Result of temperature-rise test	Test passed	
Short circuit stability result	Test passed	
Conductor cross section short circuit testing	6 mm²	
Short-time current	0.72 kA	
Conductor cross section short circuit testing	10 mm²	
Short-time current	1.2 kA	
Result of thermal test	Test passed	
Ageing test for screwless modular terminal block temperature cycles	192	
Proof of thermal characteristics (needle flame) effective duration	30 s	
Result of aging test	Test passed	
Oscillation, broadband noise test result	Test passed	
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03	
Test spectrum	Service life test category 2, bogie-mounted	
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$	
ASD level	6.12 (m/s²)²/Hz	
Acceleration	3.12 g	
Test duration per axis	5 h	
Test directions	X-, Y- and Z-axis	
Shock test result	Test passed	
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03	
Shock form	Half-sine	
Acceleration	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))	125 °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)	27,5 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	



### Technical data

### Dimensions

Width	8.2 mm
End cover width	2.2 mm
Length	57.7 mm
Height	42.2 mm
Height NS 35/7,5	43.5 mm
Height NS 35/15	51 mm

#### Connection data

Connection	1 level	
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 mm²	
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	10	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>	
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 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	2.5 mm² When using TWIN ferrules, we recommend a minimum ferrule length of 13 mm.	
Connection cross sections directly pluggable	1 mm² 10 mm²	
Conductor cross section solid min.	1 mm²	
Conductor cross section solid max.	10 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²	
Internal cylindrical gage	A5	

## Standards and Regulations

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

**Environmental Product Compliance** 



### Technical data

### **Environmental Product Compliance**

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

## Drawings

### Circuit diagram



### Classifications

### eCl@ss

eCl@ss 10.0.1	27141120
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	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

### **ETIM**

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

### 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

Approvals

Approvals

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

Ex Approvals

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

### Approval details

DNV GL	OF STATE OF	https://approvalfinder.dnvgl.com/	TAE000010T

CSA	<b>(P</b>	http://www.csagroup.org/services-indu	stries/product-listing/ 13631
		В	С
Nominal voltage UN		600 V	600 V
Nominal current IN		40 A	40 A
mm²/AWG/kcmil		20-8	20-8

PRS	http://www.prs.pl/	TE/2107/880590/16
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BV	•	http://www.veristar.com/portal/veristarinfo/generalinfo/ approved/approvedProducts/equipmentAndMaterials	37796/B0 BV
	BUREAU	approved/approvedProducts/equipmentAndMaterials	

LR Lloyd's Register	http://www.lr.org/en 12/20038 (E3)
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	NK	ClassNK	http://www.classnk.or.jp/hp/en/	14ME0913
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ABS http://www.eagle.org/eagleExternalPortalWEB/ 16-HG1591536
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## Approvals

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	В	С	
Nominal voltage UN	600 V	600 V	
Nominal current IN	40 A	40 A	
mm²/AWG/kcmil	20-8	20-8	

cUL Recognized	http://database.ul.com/	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		
	В	С		
Nominal voltage UN	600 V	600 V		
Nominal current IN	40 A	40 A		
mm²/AWG/kcmil	20-8	20-8		

IECEE CB Scheme	<b>CB</b> scheme	http://www.iecee.org/	DE1-57203
Nominal voltage UN		1000 V	
Nominal current IN		41 A	
mm²/AWG/kcmil		0.5-6	

VDE Zeichengenehmigung	Ď <sup>V</sup> Ē	http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx		40035239
Nominal voltage UN			1000 V	
Nominal current IN			41 A	
mm²/AWG/kcmil			0.5-6	

EAC [H[	RU C- DE.BL08.B.00644
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RS		http://www.rs-head.spb.ru/en/index.php	17.00013.272
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### Approvals

cULus Recognized



### Accessories

Accessories

DIN rail

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



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

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



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

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



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

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



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



### Accessories

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



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

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



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

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



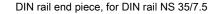
DIN rail, unperforated, Standard profile, width: 35 mm, height: 7.5 mm, acc. to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

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



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

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







#### Accessories

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



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

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



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

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



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

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



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

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



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



### Accessories

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



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

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



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

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



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

End cap - NS 35/15 CAP - 1206573



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

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



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

Documentation



### Accessories

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology

#### End block

End clamp - E/UK - 1201442



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

#### End clamp - E/UK 1 - 1201413



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

#### End clamp - CLIPFIX 35 - 3022218



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

End cover - D-PT 6 - 3212044



End cover, length: 57.7 mm, width: 2.2 mm, height: 36 mm, color: gray

### 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





### Accessories

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



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, width: 14.7 mm, number of positions: 2, color: red



### Accessories

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: red

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: red



### Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: blue



### Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: blue

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



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: blue

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



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: blue

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



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: blue

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



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: blue



### Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: gray

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



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: gray

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



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: gray

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



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: gray

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



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: gray



### Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: gray

Plug-in bridge - FBSR 2-8 - 3033808



Plug-in bridge, pitch: 8.2 mm, width: 14.8 mm, number of positions: 2, color: red

Plug-in bridge - FBSR 3-8 - 3001597



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

Plug-in bridge - FBSR 4-8 - 3000585



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

Plug-in bridge - FBSR 5-8 - 3033809



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: red



#### Accessories

Plug-in bridge - FBSR 10-8 - 3001599



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: red

Plug-in bridge - FBSR 16-8 - 3033816



Plug-in bridge, pitch: 8.2 mm, width: 129.5 mm, number of positions: 16, 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

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



#### Accessories

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

#### 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



### Accessories

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

Partition plate - ATP-ST 6 - 3024481



Partition plate, length: 73.5 mm, width: 2 mm, height: 47.2 mm, color: gray

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 - CLIP-PROJECT ADVANCED - 5146040



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



### Accessories

Software - CLIP-PROJECT PROFESSIONAL - 5146053



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

#### Reducing bridge

Reducing bridge - RB ST 6-(2,5/4) - 3030860



Reducing bridge, pitch: 9 mm, length: 30 mm, width: 14.3 mm, number of positions: 2, color: red

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



Reducing bridge, pitch: 8 mm, length: 29.9 mm, width: 12.9 mm, number of positions: 2, color: red

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



Reducing bridge, pitch: 8 mm, length: 29.9 mm, width: 12.9 mm, number of positions: 2, color: red

Reducing bridge - RB ST 6-(2,5/4) - 3030860



Reducing bridge, pitch: 9 mm, length: 30 mm, width: 14.3 mm, number of positions: 2, color: red



### Accessories

Reducing bridge - RB 16-6 - 3047072



Reducing bridge, pitch: 12.2 mm, number of positions: 2, color: red

#### Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

#### Short-circuit connector

Short-circuit connector - FBSRH 2-8 - 3033802



Short-circuit connector, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: red

Short-circuit connector - FBSRH 3-8 - 3033803



Short-circuit connector, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

Short-circuit connector - FBSRH 4-8 - 3033804



Short-circuit connector, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

Switching jumper



#### Accessories

Switching jumper - SB-MER 2-8 - 3000587



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 16.4 mm, number of positions: 2, color: gray/orange

Switching jumper - SB-MER 3-8 - 3000588



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 24.6 mm, number of positions: 3, color: gray/orange

Switching jumper - SB-MER 4-8 - 3000589



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 32.8 mm, number of positions: 4, color: gray/orange

#### 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

#### Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snap into universal marker groove, snap into tall marker groove, for terminal block width: 50000 mm, lettering field size: 9.5 x 50000 mm, Number of individual labels: 1



### Accessories

Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into universal marker groove, lettering field size: 104 x 9.8 mm, Number of individual labels: 13

#### 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-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, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: blue



### Accessories

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, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: yellow

Test adapter - PAI-4-FIX RD - 3032732



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: red

Test adapter - PAI-4-FIX GN - 3032758



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: green

Test adapter - PAI-4-FIX BK - 3032774



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: black



### Accessories

Test adapter - PAI-4-FIX GY - 3032790



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: gray

Test adapter - PAI-4-FIX VT - 3032761



Test adapter, for 4 mm test plug and terminal blocks with 4.2 mm ... 8.2 mm pitch, color: violet

Test adapter - PAI-4-FIX BN - 3032787



Test adapter, 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, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: gray



### Accessories

Test adapter - PAIS-4-FIX BK - 3032792



Test adapter, 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, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: red

Test adapter - PAIS-4-FIX BU - 3032798



Test adapter, 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, 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, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: green



### Accessories

Test adapter - PAIS-4-FIX VT - 3032802



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: violet

### Warning label printed

Warning label - WS PT 6 - 1029029



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 8.2 mm

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