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Feed-through terminal block, Connection type: Push-in connection, Screw connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24-12, Width: 6.2 mm, Color: blue, Mounting: NS 35/7,5, NS 35/15

#### Why buy this product

- 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
- ☑ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- The Push-in TWIN connection is used inside the control cabinet and the universal screw connection is used on the end customer side



#### **Key Commercial Data**

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	4 046356 802123
GTIN	4046356802123
Weight per Piece (excluding packing)	12.000 g
Custom tariff number	85369010
Country of origin	Poland

#### Technical data

#### General

Number of levels	1
Number of connections	3
Nominal cross section	4 mm <sup>2</sup>
Color	blue



### Technical data

#### General

Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Connection method  Connection in acc. with standard  of all connected conductors)  32 A  800 V  Connection method  Screw connection  IEC 60947-7-1		
Rated surge voltage 8 kV  Degree of pollution 3  Overvoltage category III  Insulating material group I I  Connection method Push-in connection  Connection in acc. with standard IEC 60947-7-1  Maximum load current III  Nominal current III  Nominal voltage UN  Connection in acc. with standard IEC 60947-7-1  Maximum load current III  Nominal voltage UN  Connection in acc. with standard IEC 60947-7-1  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Maximum load current III  Maximum load current III  Maximum load current III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Some wonnection  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Resident III  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Some wonnection  Some wonnection  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Some wonnection  Some wonnection  Connection in acc. with standard IEC 60947-7-1  Some wonnection  Some wonnectio	Insulating material	PA
Degree of pollution 3 Overvoltage category III Insulating material group 1 Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Maximum load current with standard IEC 60947-7-1 Maximum load current ly 38 A (the maximum load current must not be exceeded by the total current of all connected conductors) Nominal current ly 32 A Nominal voltage Un 800 V Connection method Screw connection Connection in acc. with standard IEC 60947-7-1 Maximum load current must not be exceeded by the total current of all connected conductors) Maximum load current must not be exceeded by the total current of all connected conductors Maximum load current must not be exceeded by the total current of all connected conductors Mominal current ly 38 A (the maximum load current must not be exceeded by the total current of all connected conductors) Nominal current ly 800 V Open side panel Yes 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 Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN 160 6095-11-10) V0 Oxygen index (DIN EN 160 6095-11-10) V0 Oxygen index (DIN EN 160 6095-11-10) passed Specific optical density of smoke 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 1634) passed 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) R24 HL 1 - HL 3	Flammability rating according to UL 94	V0
Overvoltage category III Insulating material group I I Connection method Push-in connection Connection in acc. with standard IEC 60947-7-1 Maximum load current Maximum load current li, Nominal current li, Nominal current li, Sa A (the maximum load current must not be exceeded by the total current of all connection method Connection method Sorew connection Connection in acc. with standard IEC 60947-7-1 Maximum load current Mominal voltage U <sub>N</sub> So V Connection in acc. with standard IEC 60947-7-1 Maximum load current must not be exceeded by the total current of all connected conductors) Nominal voltage U <sub>N</sub> So V Ves 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 Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) Vo Oxygen index (DIN EN 180 4589-2) So 22 Surface flammability NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 1634) Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R22 Fire protection for rail vehicles (DIN EN 45654-2) R24 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45645-2) R24 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45645-2) R24 HL 1 - HL 3	Rated surge voltage	8 kV
Insulating material group  Connection method  Connection in acc. with standard  Raximum load current lu  Nominal current lu  N	Degree of pollution	3
Connection method Connection in acc. with standard  Maximum load current  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal current I <sub>N</sub> 32 A  Nominal voltage U <sub>N</sub> 800 V  Connection method Screw connection Connection in acc. with standard IEC 60947-7-1  Maximum load current Maximum load current Maximum load current  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal current  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal current I <sub>N</sub> 32 A  Nominal current I <sub>N</sub> 30 V  Quen side panel Yes  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  Behavior in fire for rail vehicles (DIN 5510-2) Test passed  Fileme test method (DIN EN 60695-11-10) V0  Caygen index (DIN EN 60695-11-10) V0  Caygen index (DIN EN 180 4589-2) PF F16-101, NF F10-102 Class I 2  Surface flammability NFPA 130 (ASTM E 162) passed  Specific optical density of smoke NFPA 130 (ASTM E 662) passed  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1854) 27.5 MJ/kg Fire protection for rail vehicles (DIN EN 45545-2) R22 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 H. I H. I. 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 Fire protection for rail vehicle	Overvoltage category	III
Connection in acc. with standard  Maximum load current  Maximum load current  Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Connection method  Connection in acc. with standard  Maximum load current  Screw connection  EC 60947-7-1  Maximum load current  Mominal current I <sub>N</sub> Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Mominal volta	Insulating material group	I
Maximum load current Maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> Connection method  Screw connection  Connection in acc. with standard  IEC 60947-7-1  Maximum load current  Maximum load current  Maximum load current  Nominal voltage U <sub>N</sub> Say A  Nominal voltage U <sub>N</sub> Open side panel  Yes  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  Behavior in fire for rail vehicles (DIN 5510-2)  Test passed  Flame test method (DIN EN 6089-11-10)  Oxygen index (DIN EN 160459-2)  NF F16-101, NF F10-102 Class I  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  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) R24  HL 1 - HL 3	Connection method	Push-in connection
Maximum load current I <sub>N</sub> Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Screw connection Connection method Connection in acc. with standard  Maximum load current I <sub>N</sub> 32 A Nominal current I <sub>N</sub> 32 A Nominal voltage U <sub>N</sub> 800 V  Open side panel Yes 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 Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN 1SO 4589-2) NF F16-101, NF F10-102 Class I 2 Surface flammability NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 662) Specific optical density of smoke NFPA 130 (ASTM E 1354) Fire protection for rail vehicles (DIN EN 45545-2) R22 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) R24 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3	Connection in acc. with standard	IEC 60947-7-1
Nominal voltage U <sub>N</sub> Connection method  Connection method  Connection in acc. with standard  IEC 60947-7-1  Maximum load current Maximum load current Mominal current I <sub>N</sub> Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Open side panel  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  Final test method (DIN EN 60895-11-10)  Oxygen index (DIN EN 150 4589-2)  NF F16-101, NF F10-102 Class I  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R23  File protection for rail vehicles (DIN EN 45545-2) R24  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) R24  HL 1 - HL 3  Fire protection for rail vehicles (DIN EN 45545-2) R24  HL 1 - HL 3	Maximum load current	38 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Connection method Connection in acc. with standard IEC 60947-7-1  Maximum load current Maximum load current Maximum load current I <sub>N</sub> Nominal current I <sub>N</sub> 32 A Nominal voltage U <sub>N</sub> 800 V Open side panel 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 Sehavior in fire for rail vehicles (DIN 5510-2) Tense test method (DIN EN 60695-11-10) Oxygen index (DIN EN ISO 4589-2) NF F16-101, NF F10-102 Class I Surface flammability NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 662) Smoke gas toxicity NFPA 130 (ASTM E 1354) Fire protection for rail vehicles (DIN EN 45545-2) R23 Fire protection for rail vehicles (DIN EN 45545-2) R24 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE 1- HL 3 FILE 2- F	Nominal current I <sub>N</sub>	32 A
Connection in acc. with standard  Maximum load current  Maximum load current  Maximum load current  Maximum load current  Mominal current I <sub>N</sub> So A  Nominal voltage U <sub>N</sub> Open side panel  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  Static insulating material application in cold  -60 °C  Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  Oxygen index (DIN EN 1SO 4589-2)  NF F16-101, NF F10-102 Class I  NF F16-101, NF F10-102 Class I  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Nominal voltage U <sub>N</sub>	800 V
Maximum load current  Maximum load current I <sub>N</sub> 32 A  Nominal voltage U <sub>N</sub> 800 V  Open side panel  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  800 °C  Static insulating material application in cold  800 °C  Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  Oxygen index (DIN EN 180 4589-2)  NF F16-101, NF F10-102 Class I  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (MSTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  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) R24  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) R24  HL 1 - HL 3	Connection method	Screw connection
Nominal current I <sub>N</sub> Nominal voltage U <sub>N</sub> Sound Separation in a serial temperature index (Elec., UL 746 B)  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  February in fire for rail vehicles (DIN 5510-2)  Test passed  Flame test method (DIN EN 60695-11-10)  Nound Sygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  NF F16-101, NF F10-102 Class F  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  Fire protection for rail vehicles (DIN EN 45545-2) R24  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) R24  HL 1 - HL 3	Connection in acc. with standard	IEC 60947-7-1
Nominal voltage U <sub>N</sub> Open side panel  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  Ehehavior in fire for rail vehicles (DIN 5510-2)  Test passed  Flame test method (DIN EN 60695-11-10)  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMT & 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R23  Fire protection for rail vehicles (DIN EN 45545-2) R24  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) R24  HL 1 - HL 3	Maximum load current	38 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Relative insulation material temperature index (Elec., UL 746 B)  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  Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  Cyo  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  VINF F16-101, NF F10-102 Class I  VINF F16-101, NF F10-102 Class F  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Specific optical density of smoke NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Nominal current I <sub>N</sub>	32 A
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  Behavior in fire for rail vehicles (DIN 5510-2)  Test passed  Flame test method (DIN EN 60695-11-10)  Vo  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  2  NF F16-101, NF F10-102 Class F  2  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Nominal voltage U <sub>N</sub>	800 V
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Static insulating material application in cold  60 °C  Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  V0  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  VF F16-101, NF F10-102 Class F  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Open side panel	Yes
Static insulating material application in cold  Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  VER F16-101, NF F10-102 Class F  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Behavior in fire for rail vehicles (DIN 5510-2)  Flame test method (DIN EN 60695-11-10)  Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  NF F16-101, NF F10-102 Class F  2  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  Fire protection for rail vehicles (DIN EN 45545-2) R24  Fire protection for rail vehicles (DIN EN 45545-2) R24  HL 1 - HL 3  Fire protection for rail vehicles (DIN EN 45545-2) R24  HL 1 - HL 3	Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Flame test method (DIN EN 60695-11-10)         V0           Oxygen index (DIN EN ISO 4589-2)         >32 %           NF F16-101, NF F10-102 Class I         2           NF F16-101, NF F10-102 Class F         2           Surface flammability NFPA 130 (ASTM E 162)         passed           Specific optical density of smoke NFPA 130 (ASTM E 662)         passed           Smoke gas toxicity NFPA 130 (SMP 800C)         passed           Calorimetric heat release NFPA 130 (ASTM E 1354)         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	Static insulating material application in cold	-60 °C
Oxygen index (DIN EN ISO 4589-2)  NF F16-101, NF F10-102 Class I  NF F16-101, NF F10-102 Class F  2  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
NF F16-101, NF F10-102 Class I  NF F16-101, NF F10-102 Class F  2  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Flame test method (DIN EN 60695-11-10)	V0
NF F16-101, NF F10-102 Class F  Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	Oxygen index (DIN EN ISO 4589-2)	>32 %
Surface flammability NFPA 130 (ASTM E 162)  Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  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) R24  HL 1 - HL 3	NF F16-101, NF F10-102 Class I	2
Specific optical density of smoke NFPA 130 (ASTM E 662)  Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  Fire protection for rail vehicles (DIN EN 45545-2) R22  Fire protection for rail vehicles (DIN EN 45545-2) R23  Fire protection for rail vehicles (DIN EN 45545-2) R24  HL 1 - HL 3  Fire protection for rail vehicles (DIN EN 45545-2) R24  HL 1 - HL 3	NF F16-101, NF F10-102 Class F	2
Smoke gas toxicity NFPA 130 (SMP 800C)  Calorimetric heat release NFPA 130 (ASTM E 1354)  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	Surface flammability NFPA 130 (ASTM E 162)	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	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  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	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) R24  HL 1 - HL 3	Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R24 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
Fire protection for rail vehicles (DIN EN 45545-2) R26 HL 1 - HL 3	Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
	Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

#### Dimensions

Width	6.2 mm



### Technical data

#### Dimensions

Length	69.3 mm
Height NS 35/7,5	42.8 mm
Height NS 35/15	50.3 mm
End cover width	2.2 mm

#### Connection data

Connection in acc. with standard         IEC 60947-7-1           Stripping length         10 mm 12 mm           Conductor cross section solid min.         0.2 mm²           Conductor cross section solid max.         4 mm²           Conductor cross section AWG min.         24           Conductor cross section flexible min.         0.2 mm²           Conductor cross section flexible min.         4 mm²           Min. AWG conductor cross section, flexible max.         4 mm²           Max. AWG conductor cross section, flexible with ferrule with plastic sleeve min.         0.25 mm²           Conductor cross section flexible, with ferrule with public sleeve max.         4 mm²           Conductor cross section flexible, with ferrule with plastic sleeve min.         0.25 mm²           Conductor cross section flexible, with ferrule with plastic sleeve min.         0.5 mm²           Conductor swith same cross section, stranded, TWIN ferrules with plastic sleeve min.         0.5 mm²           2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.         0.5 mm²           Conductor cross section solid min.         0.5 mm²           Conductor cross section flexible, with ferrule with plastic sleeve min.         0.5 mm²           Conductor cross section flexible, with ferrule with plastic sleeve min.         0.5 mm²           Conductor cross section flexible, with ferrule without pla	Connection method	Push-in connection
Conductor cross section solid min.  Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section AWG max.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  6 mm²  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section	Connection in acc. with standard	IEC 60947-7-1
Conductor cross section AWG min.  Conductor cross section AWG min.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor with same cross section, stranded, TWIN ferrules with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve min.  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  2 A mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Co	Stripping length	10 mm 12 mm
Conductor cross section AWG min.  Conductor cross section flexible min.  Conductor cross section flexible min.  Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve min.  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  O.5 mm²  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  O.5 mm²  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  O.5 mm²  4 mm²  22 A  Maximum load current must not be exceeded by the tot	Conductor cross section solid min.	0.2 mm²
Conductor cross section AWG max.  Conductor cross section flexible min.  Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  AWG conductor cross section, flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor swith same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductor swith same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cros	Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.  Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with	Conductor cross section AWG min.	24
Conductor cross section flexible max.  Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross sect	Conductor cross section AWG max.	10
Min. AWG conductor cross section, flexible  Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductor swith same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Maximum load current I <sub>N</sub> 32 A  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> Nominal voltage U <sub>N</sub> Nominal cylindrical gage  A4  Connection method  Connection method  Connection in acc. with standard	Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Max. AWG conductor cross section, flexible  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Maximum load current  Maximum load current  Maximum load current  Solve connected conductors)  Mominal voltage U <sub>N</sub> Round Connected conductors  Solve connection  Connection method  Connection in acc. with standard	Conductor cross section flexible max.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  4 mm²  Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  A mm²  A mm²  A mm²  A mm²  Maximum load current I <sub>N</sub> 32 A  Maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> Nominal voltage U <sub>N</sub> Nominal current plant cylindrical gage  A4  Connection method  Connection method  Connection in acc. with standard  EC 60947-7-1	Min. AWG conductor cross section, flexible	24
Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  Solve Conductors)  800 V  Internal cylindrical gage  A4  Connection method  Connection method  Connection in acc. with standard  IEC 60947-7-1	Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Nominal current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  Mominal voltage U <sub>N</sub> 800 V  Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  ECC 60947-7-1	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  2 conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  A mm²  Maximum load current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  of all connected conductors)  Nominal voltage U <sub>N</sub> Nominal voltage U <sub>N</sub> Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  IEC 60947-7-1	Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  of all connected conductors)  Nominal voltage U <sub>N</sub> Nominal voltage U <sub>N</sub> Nominal cylindrical gage  A4  Connection method  Connection in acc. with standard  EIC 60947-7-1	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
sleeve, min.       0.5 min         2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.       1 mm²         Conductor cross section solid min.       0.5 mm²         Conductor cross section flexible, with ferrule with plastic sleeve min.       0.5 mm²         Conductor cross section flexible, with ferrule with plastic sleeve max.       4 mm²         Conductor cross section flexible, with ferrule without plastic sleeve min.       0.5 mm²         Conductor cross section flexible, with ferrule without plastic sleeve min.       0.5 mm²         Conductor cross section flexible, with ferrule without plastic sleeve max.       4 mm²         Nominal current I <sub>N</sub> 32 A         Maximum load current       38 A (the maximum load current must not be exceeded by the total current of all connected conductors)         Nominal voltage U <sub>N</sub> 800 V         Internal cylindrical gage       A4         Connection method       Screw connection         Connection in acc. with standard       IEC 60947-7-1	Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
Sleeve, max.  Conductor cross section solid min.  Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  of all connected conductors)  Nominal voltage U <sub>N</sub> 800 V  Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  IEC 60947-7-1		0.5 mm²
Conductor cross section solid max.  Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> 800 V  Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  EEC 60947-7-1	·	1 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  4 mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  Some and a current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> 800 V  Internal cylindrical gage  A4  Connection method  Screw connection  Connection in acc. with standard  IEC 60947-7-1	Conductor cross section solid min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.  Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Nominal current I <sub>N</sub> 32 A  Maximum load current  Maximum load current  A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> Nominal cylindrical gage  A4  Connection method  Connection in acc. with standard  EC 60947-7-1	Conductor cross section solid max.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.  Conductor cross section flexible, with ferrule without plastic sleeve max.  A mm²  Nominal current I <sub>N</sub> Maximum load current  Maximum load current  Nominal voltage U <sub>N</sub> Internal cylindrical gage  Connection method  Connection in acc. with standard  O.5 mm²  A mm²  A mm²  32 A  800 V  800 V  Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  D.5 mm²  A mm²  A mm²  A mm²  Screw connection  IEC 60947-7-1	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.  Nominal current I <sub>N</sub> 32 A  Maximum load current must not be exceeded by the total current of all connected conductors)  800 V  Internal cylindrical gage  A4  Connection method  Screw connection  EC 60947-7-1	Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
Nominal current I <sub>N</sub> Maximum load current Must not be exceeded by the total current of all connected conductors)  800 V  Internal cylindrical gage A4  Connection method Screw connection  LEC 60947-7-1	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Maximum load current  38 A (the maximum load current must not be exceeded by the total current of all connected conductors)  Nominal voltage U <sub>N</sub> 800 V  Internal cylindrical gage  A4  Connection method  Screw connection  EC 60947-7-1	Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Nominal voltage U <sub>N</sub> Internal cylindrical gage  A4  Connection method  Connection in acc. with standard  Some all connected conductors)  800 V  A4  Connection method  Screw connection  IEC 60947-7-1	Nominal current I <sub>N</sub>	32 A
Internal cylindrical gage A4  Connection method Screw connection  Connection in acc. with standard IEC 60947-7-1	Maximum load current	, ·
Connection method Screw connection  Connection in acc. with standard IEC 60947-7-1	Nominal voltage U <sub>N</sub>	800 V
Connection in acc. with standard IEC 60947-7-1	Internal cylindrical gage	A4
	Connection method	Screw connection
Screw thread M3	Connection in acc. with standard	IEC 60947-7-1
	Screw thread	M3



### Technical data

#### Connection data

Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Stripping length	10 mm 12 mm
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Nominal current I <sub>N</sub>	32 A
Maximum load current	38 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	800 V

### Standards and Regulations

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

#### **Environmental Product Compliance**

China RoHS	Environmentally Friendly Use Period = 50



### Technical data

### **Environmental Product Compliance**

	For details about hazardous substances go to tab "Downloads", Category
	"Manufacturer's declaration"

### Drawings

#### Circuit diagram

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#### Classifications

#### eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

#### **ETIM**

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

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

### Approvals

### Approvals



24-10

30 A

600 V

mm²/AWG/kcmil Nominal current IN

Nominal voltage UN

Approvals			
Approvals			
GL / LR / BV / UL Recognized	/ cUL Recognized / F	EAC / CSA / cULus Recognized	
Ex Approvals			
Approval details			
GL	GL	http://www.gl-group.com/newbuilding/approvals/index.html 9539514 Hl	
LR	Lloyd's Register	http://www.lr.org/en 14/20065	
BV	<del>(</del>	http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials 38160/A0 BV	
UL Recognized	<i>9</i> 1	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425	
		В С	

cUL Recognized	. <b>FL</b>	http://database.ul.com/cgi-bin/XYV/template/L	.ISEXT/1FRAME/index.htm	FILE E 60425
		В	С	
mm²/AWG/kcmil		24-10	24-10	
Nominal current IN		30 A	30 A	
Nominal voltage UN		600 V	600 V	

24-10

30 A

600 V



### Approvals

EAC	EAC	7500651.22.01.00246
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CSA	<b>(P</b> )	http://www.csagroup.org/servio	
		В	С
mm²/AWG/kcmil		24-10	24-10
Nominal current IN		30 A	30 A
Nominal voltage UN		600 V	600 V

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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#### Accessories

#### Accessories

DIN rail

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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m



#### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m



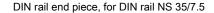
#### Accessories

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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





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



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)



#### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m  $\,$ 

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



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m



#### Accessories

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, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

#### Documentation

Mounting material - PT-IL - 3208090

Operating decal for the push-in Technology



#### End block

End clamp - CLIPFIX 35 - 3022218



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

End clamp - CLIPFIX 35-5 - 3022276



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



#### Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

#### End cover

End cover - D-PTU 4-TWIN - 3211863



End cover, Length: 69 mm, Width: 2.2 mm, Height: 35 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



#### Accessories

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black



#### Accessories

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

#### Jumper

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 10.7 mm, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 16.9 mm, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 23.1 mm, Number of positions: 4, Color: red



#### Accessories

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 29.3 mm, Number of positions: 5, Color: red

Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 60.3 mm, Number of positions: 10, Color: red

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Pitch: 6.2 mm, Length: 23 mm, Width: 122.3 mm, Number of positions: 20, Color: red

Plug-in bridge - FBSR 2-6 - 3033715



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 2, Color: red

Plug-in bridge - FBSR 3-6 - 3001594



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 3, Color: red



#### Accessories

Plug-in bridge - FBSR 4-6 - 3001595



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 4, Color: red

Plug-in bridge - FBSR 5-6 - 3001596



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 5, Color: red

Plug-in bridge - FBSR 10-6 - 3033716



Plug-in bridge, Pitch: 6.2 mm, Number of positions: 10, Color: red

#### Labeled terminal marker

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm



#### Accessories

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



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: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 CUS - 0824589



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm



#### Accessories

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



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: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6 CUS - 0825027



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - UC-TMF 6 CUS - 0824646



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: 6.2 mm, Lettering field: 5.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665



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: 6.2 mm, Lettering field: 5.4 x 4.7 mm

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm



#### Accessories

Zack Marker strip, flat - ZBF 6,QR:FORTL.ZAHLEN - 0808765



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Zack Marker strip, flat - ZBF 6,LGS:GERADE ZAHLEN - 0810834



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Zack Marker strip, flat - ZBF 6,LGS:UNGERADE ZAHLEN - 0810876



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - TMT 6 R CUS - 0824488



Marker for terminal blocks, can be ordered: By line, white, labeled according to customer specifications, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6.35 x 6.15 mm

#### Marker carriers

Group marker label for terminal marking - GBS-ZB/26X6 - 0809298



Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm



#### Accessories

Marker carriers - CARRIER-TM 300 - 0828282



Marker carriers, gray, unlabeled, Mounting type: Snap into flat marker groove, Lettering field: 10.5 x 300 mm

#### Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



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

#### 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 (2,5/4)-1,5/S - 3214356



Reducing bridge, Pitch: 6.7 mm, Number of positions: 2, Color: red

#### Screwdriver tools



#### Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - ST-BW - 1207608



Actuation tool, for all 2.5 mm<sup>2</sup> - 4.0 mm<sup>2</sup> spring-cages

#### Short-circuit connector

Short-circuit connector - FBSRH 2-6 - 3033812



Short-circuit connector, Pitch: 6.2 mm, Number of positions: 2, Color: red

#### Terminal marking

Group marker label for terminal marking - GBS 5-25X12 - 0810588



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



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: 6.2 mm, Lettering field: 6.15 x 10.5 mm



#### Accessories

Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - UC-TMF 6 - 0818140



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 6 - 0828746



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.4 x 4.7 mm



#### Accessories

Marker for terminal blocks - TMT 6 R - 0816498



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6.35 x 6 15 mm

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



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, Mounting type: Snap into universal marker groove, Lettering field: 104 x 9.8 mm

#### 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: silver

Test plugs - PS-6 - 3030996



Test plugs, Color: red



#### Accessories

Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, Color: red

#### Test socket

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



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

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



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

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



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

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



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



#### Accessories

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



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

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



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

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



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

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



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

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



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



#### Accessories

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



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

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