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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 76 A, connection method: Push-in connection, number of connections: 3, cross section: 0.5 mm² - 25 mm², AWG: 20 - 4, width: 12.2 mm, height: 53.3 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

Your advantages

- 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
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ▼ Tested for railway applications





Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	4 046356 737548
GTIN	4046356737548
Weight per Piece (excluding packing)	45.600 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1	
Number of connections	3	
Potentials	1	
Nominal cross section	16 mm²	



Technical data

General

Color blue Insulating material PA Flammability rating according to UL 94 V0 Area of application Railway industry Machine building Plant engineering Rated surge voltage 8 kV Degree of pollution 3 Overvoltage category III Insulating material group I Maximum power dissipation for nominal condition 2.43 W Designation Level 1 above 1 below 1 Maximum load current 85 A (with 25 mm² conductor cross section, rigid) Nominal current I _N 76 A Nominal voltage U _N 1000 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)) 130 °C Static insulating material application in cold 46 °C Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 1604 5459-2) 32 % NF F16-101, NF F10-102 Class F 2 Surface flammability NFPA 130 (ASTM E 162) passed		T	
Flammability rating according to UL 94 Area of application Railway industry Machine building Plant engineering Rated surge voltage 8 kV Degree of pollution 3 3 Overvoltage category III Insulating material group Maximum power dissipation for nominal condition 2.43 W Designation Maximum power dissipation for nominal condition 8 SA (with 25 mm² conductor cross section, rigid) Nominal current I _k 8 SA (with 25 mm² conductor cross section, rigid) Nominal current I _k 76 A Nominal voltage U _N 1000 V Open side panel Relative insulation material temperature index (Elec., UL 746 B) 130 °C Static insulation material application in cold 8 Sa (with 25 mm² conductor cross section, rigid) 100 °C Static insulating material application in cold 8 Sa (with 25 mm² conductor cross section, rigid) 100 °C Static insulating material application in cold 9 Co Co Static insulating material application in cold 9 Co Co Static insulation material (DIN EN 60695-11-10) Vo Oxygen index (DIN EN 1504 549-2) 3 Se Static insulation material (DIN EN 60695-11-10) Fire 16-101, 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 662) Specific optical density of smoke NFPA 130 (ASTM E 1354) Fire protection for rail vehicles (DIN EN 45645-2) R22 Hit 1 - HL 3 Fire protection for rail vehicles (DIN EN 456	Color	blue	
Area of application Railway industry Machine building Plant engineering Rated surge voltage Begree of pollution 3 Overvoltage category III Insulating material group III Maximum power dissipation for nominal condition 243 W Designation Level 1 above 1 below 1 Maximum load current Maximum load current I _N 76 A Nominal current I _N 76 A Nominal voltage U _N 1000 V Open side panel Yes Relative insulation material temperature index (Elec., UL 746 B) 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) Oxygen index (DIN EN 150 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 662) Fire protection for rail vehicles (DIN EN 45545-2) R24 Fire protection for rail vehicles (DIN EN 45	Insulating material	PA	
Machine building Plant engineering Rated surge voltage Begree of pollution 3 Overvoltage category III Insulating material group III Maximum power dissipation for nominal condition 2,43 W Designation Level 1 above 1 below 1 Maximum load current Maximum load current Maximum load current Maximum load current Mominal current I _N 76 A Nominal current I _N 76 C Relative insulation material temperature index (Elec., UL 746 B) 130 °C Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) Static insulating material application in cold 60 °C Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60895-11-10) Vo Oxygen index (DIN EN 60895-11-10) Vo Oxygen index (DIN EN 160895-11-10) Vo Sygen index (DIN EN 160805-11-10) Vo Sygen inde	Flammability rating according to UL 94	V0	
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Rated surge voltage 8 kV Degree of pollution 3 Overvoltage category III Insulating material group 1 Maximum power dissipation for nominal condition 2.43 W Designation Level 1 above 1 below 1 Maximum load current I _N 76 A Nominal current I _N 76 A Nominal voltage U _N 1000 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)) 130 °C Static insulating material application in cold -60 °C Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN 180 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 Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3		Machine building	
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Overvoltage category III Insulating material group Insulating Insulation material group Insulating Insulation Insulation Insulating Insulation Insulating	Rated surge voltage	8 kV	
Insulating material group Maximum power dissipation for nominal condition Designation Level 1 above 1 below 1 Maximum load current 85 A (with 25 mm² conductor cross section, rigid) Nominal current I _N 76 A Nominal voltage U _N 1000 V Open side panel Relative insulation material temperature index (Elec., UL 746 B) 130 °C Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) Static insulating material application in cold 60 °C 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) 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) 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 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	Degree of pollution	3	
Maximum power dissipation for nominal condition Designation Level 1 above 1 below 1 Maximum load current Maximum load current I _N Nominal current I _N Nominal voltage U _N Open side panel Relative insulation material temperature index (Elec., UL 746 B) Static insulating material application in cold Behavior in fire for rail vehicles (DIN EN 60216-1 (VDE 0304-21)) Temperature text method (DIN EN 6095-11-10) Oxygen index (DIN EN 100 2 Class I Surface flammability NFPA 130 (ASTM E 162) Specific optical density of smoke NFPA 130 (ASTM E 1662) Smoke gas toxicity NFPA 130 (ASTM E 1354) Fire protection for rail vehicles (DIN EN 45545-2) R24 Fire protection for rail vehicles (DIN EN 45545-2) R24 FILE HALL 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	Overvoltage category	III	
Designation Level 1 above 1 below 1 Maximum load current 85 A (with 25 mm² conductor cross section, rigid) Nominal current I _N 76 A Nominal voltage U _N 1000 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)) 130 °C Static insulating material application in cold -60 °C Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN ISO 4589-2) >32 % NF F16-101, NF F10-102 Class I 2 Surface flammability NFPA 130 (ASTM E 162) passed Specific optical density of smoke NFPA 130 (ASTM E 662) passed Smoke gas toxicity NFPA 130 (SMP 800C) passed Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3	Insulating material group	I	
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Nominal current I _N Nominal voltage U _N 1000 V Open side panel Relative insulation material temperature index (Elec., UL 746 B) 130 °C Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C Static insulating material application in cold 60 °C Behavior in fire for rail vehicles (DIN 5510-2) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN ISO 4589-2) 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 (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	Designation	Level 1 above 1 below 1	
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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) Test passed Flame test method (DIN EN 60695-11-10) V0 Oxygen index (DIN EN ISO 4589-2) NF F16-101, NF F10-102 Class I VFF16-101, 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) 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 current I _N	76 A	
Relative insulation material temperature index (Elec., UL 746 B) 130 °C Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) Static insulating material application in cold 60 °C 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 _N	1000 V	
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) V0 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) 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	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 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) 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	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 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	Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C	
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 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	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) R23 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 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	NF F16-101, NF F10-102 Class F	2	
Smoke gas toxicity NFPA 130 (SMP 800C) Calorimetric heat release NFPA 130 (ASTM E 1354) Eire 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) 28 MJ/kg Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3 Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3	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)	28 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	12.2 mm
End cover width	2.2 mm
Length	100.2 mm
Height	53.3 mm



Technical data

Dimensions

Height NS 35/7,5	52.6 mm
Height NS 35/15	60.1 mm

Connection data

Connection	1 level	
Connection method	Push-in connection	
Stripping length	18 mm	
Connection in acc. with standard	IEC 60947-7-1	
Conductor cross section solid min.	0.5 mm²	
Conductor cross section solid max.	25 mm²	
Conductor cross section AWG min.	20	
Conductor cross section AWG max.	4	
Conductor cross section flexible min.	0.5 mm ²	
Conductor cross section flexible max.	25 mm²	
Min. AWG conductor cross section, flexible	20	
Max. AWG conductor cross section, flexible	6	
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²	
Internal cylindrical gage	A7	

Standards and Regulations

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

Environmental Product Compliance

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

Drawings



Circuit diagram



Classifications

eCl@ss

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 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

Approvals

Approvals

Approvals

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



Approvals

Ex Approvals

IECEx / ATEX / EAC Ex

Approval details

DNV GL	TV 55	https://approvalfinder.dnvgl.com/	TAE000010T

CSA	À	http://www.csagroup.org/services-indus	stries/product-listing/	13631
	В		С	
mm²/AWG/kcmil	20-4		20-4	

CSA (P)	http://www.csagroup.org/services-indus	stries/product-listing/ 13631
	В	С
Nominal voltage UN	600 V	600 V
Nominal current IN	70 A	70 A
mm²/AWG/kcmil	20-4	20-4

PRS	http://www.prs.pl/	TE/2107/880590/16
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BV http://www.veristar.com/portal/veristarinfo/gr approved/approvedProducts/equipmentAnd	37/96/BU BV
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LR Lloyds Register	http://www.lr.org/en	12/20038 (E3)
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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	85 A	85 A	
mm²/AWG/kcmil	20-4	20-4	

cUL Recognized	http://database	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425		FILE E 60425
	В		С	
Nominal voltage UN	600 V		600 V	
Nominal current IN	85 A		85 A	
mm²/AWG/kcmil	20-4		20-4	

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-60912
Nominal voltage UN		1000 V	
Nominal current IN		76 A	
mm²/AWG/kcmil		0.5-16	

VDE Zeichengenehmigung	http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx		40040917
Nominal voltage UN	10	000 V	
Nominal current IN	76	6 A	
mm²/AWG/kcmil	0.5	5-16	

EAC	RU C- DE.Al30.B.01102
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Approvals

cULus Recognized



Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 6H - 1213146



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10H - 1213156



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm^2 ... 10 mm^2 , also for TWIN ferrules up to 2 x 4 mm^2 , automatic cross section adjustment, lateral insertion, equipped with fall protection



Accessories

Crimping pliers - CRIMPFOX 10S - 1212045



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 10 mm², unlockable pressure lock, lateral entry

Crimping pliers - CRIMPFOX 6H - 1212046



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 6 mm², unlockable pressure lock, lateral entry

Crimping pliers - CRIMPFOX 2,5-M - 1212719



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 2.5 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6-M - 1212720



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp



Accessories

Crimping pliers - CRIMPFOX 6T - 1212037



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6T-F - 1212038



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², front entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 6S-F - 1212043



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm² ... 6 mm², front entry, square crimp

Crimping pliers - CRIMPFOX 10 - 1212721



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 4 mm² ... 10 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 25R - 1212039



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm² ... 25 mm², lateral entry, WM crimp



Accessories

Crimping pliers - CRIMPFOX-M - 1212072



Basic pliers, for accommodating dies for a wide range of type of contacts

DIN rail

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



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

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



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

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



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

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



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



Accessories

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



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

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



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

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



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

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



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

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

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





Accessories

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



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

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



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

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



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

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



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

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



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



Accessories

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



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

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



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

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



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

End cap - NS 35/15 CAP - 1206573



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

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



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

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 16-TWIN N - 3208799



End cover, length: 100.2 mm, width: 2.2 mm, height: 46 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 2-12 - 3005950



Plug-in bridge, pitch: 12 mm, number of positions: 2, color: red



Accessories

Labeled terminal marker

Zack Marker strip, flat - ZBF 12 CUS - 0825018



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: 12 mm, lettering field size: 5.15 x 12.15 mm, Number of individual labels: 5

Marker for terminal blocks - UC-TMF 12 CUS - 0824670



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: 12 mm, lettering field size: 11.45 x 5.1 mm, Number of individual labels: 40

Marker for terminal blocks - UCT-TMF 12 CUS - 0829686



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: 12 mm, lettering field size: 11.2 x 4.7 mm, Number of individual labels: 30

Zack marker strip - ZB 12 CUS - 0824942



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 12.2 mm, lettering field size: 10.5 x 12.15 mm, Number of individual labels: 5

Zack marker strip - ZB 12,LGS:L1-N,PE - 0812146



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 12.2 mm, lettering field size: 10.5 x 12.15 mm, Number of individual labels: 5



Accessories

Marker for terminal blocks - UC-TM 12 CUS - 0824613



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: 12 mm, lettering field size: 11.45 x 10.5 mm, Number of individual labels: 40

Marker for terminal blocks - UCT-TM 12 CUS - 0829630



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: 12 mm, lettering field size: 10.8 x 9.6 mm, Number of individual labels: 30

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 16-(2,5/4) - 3030886



Reducing bridge, pitch: 11 mm, length: 37.2 mm, width: 17.4 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 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 - SZF 3-1,0X5,5 - 1206612



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 12:UNBEDRUCKT - 0809735



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: 12 mm, lettering field size: 5.15 x 12.15 mm, Number of individual labels: 5



Accessories

Marker for terminal blocks - UC-TMF 12 - 0819233



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: 12 mm, lettering field size: 11.45 x 5.1 mm, Number of individual labels: 40

Marker for terminal blocks - UCT-TMF 12 - 0829214



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: 12 mm, lettering field size: 11.2 x 4.7 mm, Number of individual labels: 30

Zack marker strip - ZB 12:UNPRINTED - 0812120



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 12.2 mm, lettering field size: 12 x 10.5 mm, Number of individual labels:

Marker for terminal blocks - UC-TM 12 - 0819194



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: 12 mm, lettering field size: 11.45 x 10.5 mm, Number of individual labels: 40

Marker for terminal blocks - UCT-TM 12 - 0829144



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: 12 mm, lettering field size: 10.8 x 9.6 mm, Number of individual labels: 30



Accessories

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 X1, 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

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

Warning label printed

Warning label - WS PT 16 - 1029033



Warning label, yellow/black, labeled: Lightning flash, mounting type: plug in, for terminal block width: 12.2 mm

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