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Disconnect terminal block, nom. voltage: 500 V, nominal current: 20 A, connection method: Screw connection with spring support, cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, length: 63.4 mm, width: 6.2 mm, color: gray, mounting: NS 35/7,5, NS 35/15, NS 32, nom. voltage: 500 V



#### **Key Commercial Data**

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 046356 661942
GTIN	4046356661942
Weight per Piece (excluding packing)	14.500 g
Custom tariff number	85369010
Country of origin	Poland

#### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	20 A



#### Technical data

#### General

Open side panel Shock protection test specification Back of the hand protection Finger protection	500 V (up to 690 V for pollution degree II)  Yes  DIN EN 50274 (VDE 0660-514):2002-11  guaranteed  guaranteed  Test passed  7.3 kV
Shock protection test specification  Back of the hand protection  Finger protection	DIN EN 50274 (VDE 0660-514):2002-11 guaranteed guaranteed Test passed 7.3 kV
Back of the hand protection Finger protection	guaranteed guaranteed Test passed 7.3 kV
Finger protection	guaranteed Test passed 7.3 kV
	Test passed 7.3 kV
Pocult of curae voltage test	7.3 kV
Result of surge voltage test	
Surge voltage test setpoint	
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm² / 0.2 kg
	4 mm² / 0.9 kg
	6 mm <sup>2</sup> / 1.4 kg
	1.5 mm² / 0.4 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.2 mm <sup>2</sup>
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	60 N
Conductor cross section tensile test	6 mm²
Tractive force setpoint	80 N
Conductor cross section tensile test	1.5 mm²
Tractive force setpoint	40 N
Result of tight fit on support	Test passed
Tight fit on carrier	NS 32/NS 35
Setpoint	1 N
Result of voltage-drop test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Temperature-rise test	Test passed
Short circuit stability result	Test passed
Conductor cross section short circuit testing	2.5 mm <sup>2</sup>
Short-time current	0.3 kA
Result of thermal test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03



#### Technical data

#### General

Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
ASD level	1.857 (m/s²)²/Hz
Acceleration	0,8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
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
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
	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

#### **Dimensions**

Length	63.4 mm
Width	6.2 mm
Height NS 35/7,5	57.3 mm
Height NS 35/15	64.8 mm
Height NS 32	62.3 mm

#### Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²



#### Technical data

#### Connection data

Conductor cross section AWG min.  Conductor cross section AWG max.  Conductor cross section flexible, with ferrule without 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 with plastic sleeve max.  2 conductor section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  1.5 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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.  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.  Connection method  Screw connection with spring support  Stripping length  Internal cylindrical gage	Conductor cross section flexible max.	4 mm²
Conductor cross section AWG 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 with plastic sleeve min.  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, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  1.5 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without 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, 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.  2.5 mm²  2.5 mm²  Connection method  Screw connection with spring support  Stripping length  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min		
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 min.  Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  1.5 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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, 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.  4 the plastic sleeve, min.  2.5 mm²  2.5 mm²  2.5 mm²  2.5 mm²  2.5 mm²  4 mm²  2.5 mm²  2.5 mm²  2.5 mm²  4 mm²  2.5 mm²  2.5 mm²  4 mm²  4 mm²  5 m²  5 mm²  5 mm²  5 mm²  5 mm²  5 mm²  5 mm²  6 mm²  7 mm²  7 mm²  7 mm²  8 mm²  8 mm²  9 mm²  9 mm²  9 mm²  10 mm²		
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, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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.  Connection method  Screw connection with spring support  Stripping length  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  1.5 mm²  2.5 mm²  2.5 mm²  2.5 mm²  2.6 mm²  2.6 mm²  2.7 mm²  2.7 mm²  2.8 mm²  2.9 mm²  2.9 mm²  2.9 mm²  2.9 mm²  2.1 mm²  2.1 mm²  2.1 mm²  2.1 mm²  2.2 mm²  2.2 mm²  2.3 mm²  2.5 mm²		10
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, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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 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.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  4 connection with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Connection method  Screw connection with spring support  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  0.25 mm²	Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.  2 conductors with same cross section, solid min.  2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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.  Connection method  Screw connection with spring support  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  1.5 mm²  1.5 mm²  1.5 mm²  2.25 mm²  2.5 mm²  2.5 mm²  3 Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  4 Connection with spring support  10 mm  10 mm	Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 3 conductors with same cross section, stranded max. 4 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 5 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 6 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 7 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 8 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 9 conductors with same cross sectio	Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
2 conductors with same cross section, solid max.  2 conductors with same cross section, stranded min.  2 conductors with same cross section, stranded max.  1.5 mm²  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.  2 conductors with same cross section, stranded, ferrules without 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.  Connection method  Screw connection with spring support  Stripping length  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  1.5 mm²  0.25 mm²  1.5 mm²  1.5 mm²  4.5 mm²  4.5 mm²  4.6 mm²  4.7 mm²  4.7 mm²  4.7 mm²  4.7 mm²  4.7 mm²  4.7 mm²  4.8 mm²  4.9 mm²  4.0 mm²	Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min. 2 conductors with same cross section, stranded max. 1.5 mm² 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 2 conductors with same cross section, stranded, ferrules without 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. Connection method Screw connection with spring support Stripping length 10 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm	2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, stranded max.  2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without 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.  Connection method  Screw connection with spring support  Stripping length  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  1.5 mm²  0.25 mm²  1.5 mm²  1.5 mm²	2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.  2 conductors with same cross section, stranded, ferrules without 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 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Connection method  Screw connection with spring support  Stripping length  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  0.6 Nm	2 conductors with same cross section, stranded min.	0.2 mm²
sleeve, min.  2 conductors with same cross section, stranded, ferrules without 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.  Connection method  Screw connection with spring support  10 mm  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  0.6 Nm	2 conductors with same cross section, stranded max.	1.5 mm²
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.  Connection method  Screw connection with spring support  Stripping length  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  1.5 mm²  0.5 mm²  2.5 mm²  2.5 mm²  A4  Screw connection with spring support  M3  O.6 Nm	2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
plastic sleeve, min.  2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.  Connection method  Screw connection with spring support  Stripping length  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  O.5 mm²  2.5 mm²  10 mm  M3  O.6 Nm	2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
plastic sleeve, max.  Connection method  Screw connection with spring support  Stripping length  Internal cylindrical gage  A4  Screw thread  M3  Tightening torque, min  Discrem three discrements and the spring support  M3  0.6 Nm	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
Stripping length 10 mm Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Internal cylindrical gage A4 Screw thread M3 Tightening torque, min 0.6 Nm	Connection method	Screw connection with spring support
Screw thread M3 Tightening torque, min 0.6 Nm	Stripping length	10 mm
Tightening torque, min 0.6 Nm	Internal cylindrical gage	A4
	Screw thread	M3
Tightening torque max 0.8 Nm	Tightening torque, min	0.6 Nm
	Tightening torque max	0.8 Nm

#### 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**

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	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	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141126
eCl@ss 8.0	27141126
eCl@ss 9.0	27141126

#### **ETIM**

ETIM 3.0	EC000897
ETIM 4.0	EC000902
ETIM 5.0	EC000902
ETIM 6.0	EC000902

#### **UNSPSC**

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

### **Approvals**

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details



#### Approvals

CSA	<b>(P</b>	http://www.csagroup.org/services-industries/product-listing/ 13631				
	D		В		С	
Nominal voltage UN	600 V		300 V		300 V	
Nominal current IN	5 A		20 A		20 A	
mm²/AWG/kcmil	24-10		24-10		24-10	

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425				
	D	В	С		
Nominal voltage UN	600 V	300 V	300 V		
Nominal current IN	5 A	20 A	20 A		
mm²/AWG/kcmil	24-10	24-10	24-10		

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425				
	D	В	С		
Nominal voltage UN	600 V	300 V	300 V		
Nominal current IN	5 A	20 A	20 A		
mm²/AWG/kcmil	24-10	24-10	24-10		

cULus Recognized CFU US

#### Accessories

Accessories

Connector

Cable lug - C-BCI 1,5/2,8 - 3240015



Flat pin cable lug, with tab, soldered neck, red,  $0.5 \dots 1.5 \text{ mm}^2$ , pin width: 2.8 mm, easy conductor entry with Easy-Entry, for horizontal and vertical crimping with CRIMPFOX-RCI 6

#### Crimping tool



#### Accessories

Crimping pliers - CRIMPFOX-RCI 6 - 1212057



Crimping pliers, for insulated cable lugs, 0.5 mm<sup>2</sup> ... 6.0 mm<sup>2</sup> (red, blue, yellow), oval crimp, symmetrical

#### DIN rail

DIN rail perforated - NS 32 PERF 2000MM - 1201002



DIN rail perforated, G profile, width: 32 mm, height: 15 mm, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

DIN rail, unperforated - NS 32 UNPERF 2000MM - 1201015



DIN rail, unperforated, G profile, width: 32 mm, height: 15 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 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



#### Accessories

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



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

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



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

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



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

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



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

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



#### Accessories

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



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

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

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



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



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

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



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

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



#### Accessories

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



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

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



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

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



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

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



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

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



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

#### End block

End clamp - CLIPFIX 35 - 3022218



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

End clamp - CLIPFIX 35-5 - 3022276



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

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray



#### Accessories

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: grav

End clamp - E/UK 1 - 1201413



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

#### End cover

End cover - D-USST 4-MT - 3070304



End cover, length: 63.4 mm, width: 2.2 mm, height: 47 mm, color: gray

#### Insulating sleeve

Bridge bar isolator - IS-K 4 - 1302338



Bridge bar isolator, color: gray

#### Knife

Isolating plugs - P-DI - 3036783



Isolating plugs, length: 10.8 mm, width: 3.5 mm, height: 23.1 mm, color: orange



#### Accessories

Isolating plugs - P-DI GY - 3047390



Isolating plugs, length: 10.8 mm, width: 3.5 mm, height: 23.1 mm, color: gray

Isolating plugs - P-DI GN - 1071062



Isolating plugs, length: 10.8 mm, width: 3.5 mm, height: 23.1 mm, color: green

#### 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 size: 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 size: 6.15 x 10.5 mm

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 size: 6.15 x 10.5 mm



#### Accessories

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 size: 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 size: 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 size: 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 size: 5.6 x 10.5 mm

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 size: 5.6 x 10.5 mm

Partition plate



#### Accessories

Separating plate - TS-USST 4/10 - 3070383



Separating plate, length: 12.4 mm, width: 2.2 mm, color: gray

Partition plate - TPNS-UK - 0706647



Partition plate, length: 80 mm, width: 2 mm, height: 70 mm, color: gray

#### Screw bridge

Jumper - ISSBI 10- 6 - 0301505



Jumper, pitch: 6 mm, number of positions: 10, color: silver

Fixed bridge - FBI 2- 6 - 0203438



Fixed bridge, pitch: 6 mm, number of positions: 2, color: silver

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, pitch: 6 mm, number of positions: 10, color: silver



#### Accessories

Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, pitch: 6 mm, number of positions: 20, color: silver

#### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, 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 - SF-SL 0,6X3,5-100 S-VDE - 1212587



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

Screwdriver - SZG 0,6X3,5 VDE - 1205121



Screwdriver, slot-headed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

#### Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



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: 6.2 mm, lettering field size: 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 ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 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: 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: 6.2 mm, lettering field size: 5.6 x 10.5 mm

#### Test socket

Female test connector - PSBJ 3/13/4 - 0201304



Female test connector, color: silver

Female test connector - PSB 3/10/4 - 0601292



Female test connector, color: silver

#### Additional products

Isolating plugs - P-DI - 3036783



Isolating plugs, length: 10.8 mm, width: 3.5 mm, height: 23.1 mm, color: orange



#### Accessories

Feed-through connector - P-FIX - 3038956



Feed-through connector, length: 10.5 mm, width: 4 mm, color: gray

#### Component connector - P-CO - 3036796



Component connector, for installing components that can be individually selected, nominal current: 6 A, pitch: 5.2 mm, length: 24.2 mm, width: 5.1 mm, height: 33.3 mm, number of positions: 1, color: gray

#### Component connector - P-CO 1N4007/R-L - 3032457



Component connector, with diode1N4007, length: 24.2 mm, width: 5.2 mm, height: 33.3 mm, number of positions: 1, color: gray

#### Component connector - P-CO 1N4007/L-R - 3032460



Component connector, with diode1N4007, length: 24.2 mm, width: 5.2 mm, height: 33.3 mm, number of positions: 1, color: gray

#### Fuse plug - P-FU 5X20 LED 24 - 3036819



Fuse plug, fuse type: Glass / ceramics / ..., nominal current: 6.3 A, width: 6.2 mm, fuse type: G /  $5 \times 20$ , mounting type: Plug-in mounting, color: black



#### Accessories

Fuse plug - P-FU 5X20 LED 60 - 3036822



Fuse plug, fuse type: Glass / ceramics / ..., nominal current: 6.3 A, width: 6.2 mm, fuse type: G /  $5 \times 20$ , mounting type: Plug-in mounting, color: black

#### Fuse plug - P-FU 5X20 LA 250 - 3036835



Fuse plug, fuse type: Glass / ceramics / ..., nominal current: 6.3 A, width: 6.2 mm, fuse type: G /  $5 \times 20$ , mounting type: Plug-in mounting, color: black

#### Fuse plug - P-FU 6,3X32 - 3046498



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 10 A, nom. voltage: 630 V, width: 8.2 mm, fuse type: G / 6.3 x 32, mounting type: Plug-in mounting, color: black

#### Fuse plug - P-FU 6,3X32 LED 24 - 3046508



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 10 A, width: 8.2 mm, fuse type:  $G / 6.3 \times 32$ , mounting type: Plug-in mounting, color: black

#### Fuse plug - P-FU 6,3X32 LED 60 - 3046511



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 10 A, width: 8.2 mm, fuse type: G /  $6.3 \times 32$ , mounting type: Plug-in mounting, color: black



#### Accessories

Fuse plug - P-FU 6,3X32 LA 250 - 3046524



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 10 A, width: 8.2 mm, fuse type: G / 6,3 x 32, mounting type: Plug-in mounting, color: black

Fuse plug - P-FU 5X20-5 - 3209235



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 6.3 A, nom. voltage: 400 V, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

Fuse plug - P-FU 5X20 LED 24-5 - 3209248



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 6.3 A, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

Fuse plug - P-FU 5X20 LED 60-5 - 3209251



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 6.3 A, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: Plug-in mounting, color: black

Fuse plug - P-FU 5X20 LED 250-5 - 3209264



Fuse plug, fuse type: Glass / ceramics / ..., connection method: Plug connection, nominal current: 6.3 A, width: 6.2 mm, fuse type: G /  $5 \times 20$ , mounting type: Plug-in mounting, color: black

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