

3070037

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Protective conductor terminal block, Current and voltage are determined by the plug used., With test socket screws for insertion of test plugs, nom. voltage: 500 V, nominal current: 20 A, connection method: Screw connection, Rated cross section:  $2.5 \text{ mm}^2$ , cross section:  $0.14 \text{ mm}^2$  -  $6 \text{ mm}^2$ , mounting: NS 35/7,5, NS 35/15, color: gray

#### Commercial data

Item number	3070037
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE01
Product key	BE1124
GTIN	4046356480246
Weight per piece (including packing)	21.14 g
Weight per piece (excluding packing)	21.14 g
Customs tariff number	85369010
Country of origin	PL



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### Technical data

General	Current and voltage are determined by the plug used.
Product properties	
Product type	Ground terminal block
Number of connections	2
Number of rows	1
Insulation characteristics	
Overvoltage category	III

### Electrical properties

Degree of pollution

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

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#### Connection data

Number of connections per level	2
Nominal cross section	4 mm²

#### Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.6 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
Conductor cross-section rigid	0.14 mm² 6 mm²
Cross section AWG	26 10 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm² 6 mm²
Conductor cross-section, flexible [AWG]	26 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 4 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² 4 mm²
Nominal current	20 A
Maximum load current	20 A (with 6 mm² conductor cross-section)
	20 A (with 6 mm² conductor cross-section)
Nominal voltage	500 V
Nominal cross section	2.5 mm²

#### **Dimensions**

Width	6.2 mm



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#### Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

#### Mechanical properties

#### Mechanical data

Open side panel No
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#### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-60 $^{\circ}\text{C}$ 105 $^{\circ}\text{C}$ (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C 70 °C
Ambient temperature (actuation)	-5 °C 70 °C
Permissible humidity (storage/transport)	30 % 70 %

#### Standards and regulations

### Mounting

Mounting type	NS 35/7,5
	NS 35/15

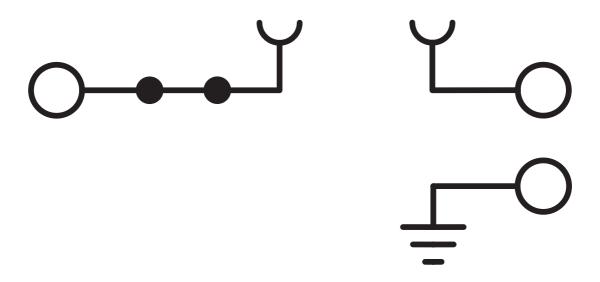


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## Drawings

Circuit diagram





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## Classifications

	ETIM 8.0	EC000902	
UN	UNSPSC		
	LINSPSC 21.0	39121400	



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### Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	1864b2cc-ad63-44aa-b0cb-f07d6eaec7cc

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