

Type 3 surge protection base element - PLT-SEC-T3-3S-BE - 2905592

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Base element for protective plugs from the PLUGTRAB SEC product series with remote indication contact.

RoHS

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85363090
Country of origin	Germany

Technical data

Dimensions

Height	90 mm
Width	35.4 mm
Depth	51.2 mm
Horizontal pitch	2 Div.

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m (amsl (above mean sea level))
Permissible humidity (operation)	5 % ... 95 %
Shock (operation)	30g (half sinus / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation)	5g (10 ... 150 Hz/20 cycles/axis/X, Y, Z)

General

IEC test classification	III
	T3

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Technical data

General

EN type	T3
Number of ports	One
Mounting type	DIN rail: 35 mm
Color	traffic grey A RAL 7042
Housing material	PA 6.6-FR
Degree of pollution	2
Flammability rating according to UL 94	V-0
Number of positions	2
Surge protection fault message	Remote indication contact

Protective circuit

Nominal voltage U_N	230/400 V AC (TN-S)
	230/400 V AC (TT)
Nominal frequency f_N	50 Hz (60 Hz)
Maximum continuous voltage U_C	264 V AC
Rated load current I_L	26 A (30 °C)
Short-circuit current rating I_{SCCR}	1.5 kA AC
Max. backup fuse with branch wiring	Not required
Maximum backup fuse for through wiring	25 A (gG / B / C)

Indicator/remote signaling

Connection name	Remote fault indicator contact
Switching function	N/C contact
Connection method	Screw connection
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm

Connection data

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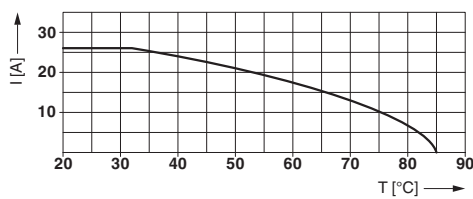
Technical data

Standards and Regulations

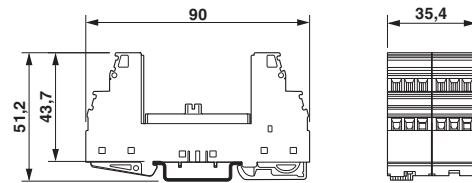
Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012

Drawings

Diagram

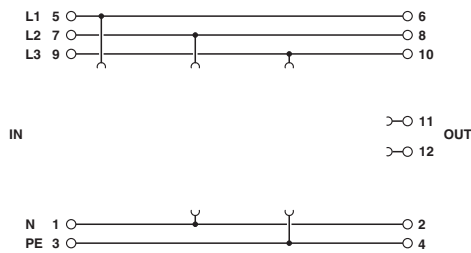


Dimensional drawing



Nominal current depending on ambient temperature

Circuit diagram



Classifications

eCl@ss

eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 8.0	27130803
eCl@ss 9.0	27130803

ETIM

ETIM 5.0	EC000472
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Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC RU C-DE.A*30.B01561

Accessories

Accessories

Device marking

Label - EML (20XE)R - 0803452



Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: continuous x 20 mm

Label - EML (20XE)R YE - 0803453



Label, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: continuous x 20 mm

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

Marker pen

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Accessories

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Additional products

Type 3 surge protection plug - PLT-SEC-T3-3S-230-P - 2905236



Replacement plug for type 3 device protection from the PLUGTRAB SEC T3 3S product range. 230 V nominal voltage.