

## Type 3 surge protection base element - PLT-SEC-T3-BE - 2905557

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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 pc
GTIN	
GTIN	4046356961967

### Technical data

#### Dimensions

Height	90 mm
Width	17.7 mm
Depth	51.2 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 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-sine / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation)	5g (10 ... 150 Hz/20 cycles/axis/X, Y, Z)

#### General

EN type	T3
Number of ports	One
Mounting type	DIN rail: 35 mm
Color	traffic grey A RAL 7042

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## Technical data

### General

Housing material	PA 6.6-FR
Degree of pollution	2
Flammability rating according to UL 94	V-0
Type	Base element, DIN rail mounting
Number of positions	2
Surge protection fault message	Remote indication contact

### Protective circuit

Nominal voltage $U_N$	230 V AC (TN-S)
	230 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

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

### Connection data

Connection method	Screw connection
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm

### UL specifications

SPD Type	ACC
Nominal voltage	230 V DC
Rated load current $I_L$	25 A
Power distribution system	Single phase
Nominal frequency	50/60 Hz

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## Technical data

### UL connection data

Conductor cross section AWG	24 ... 12
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### Standards and Regulations

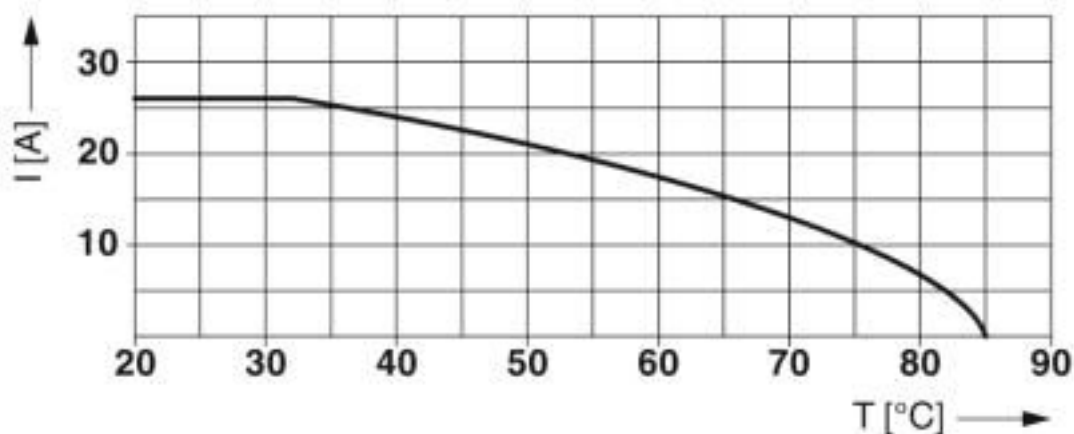
Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

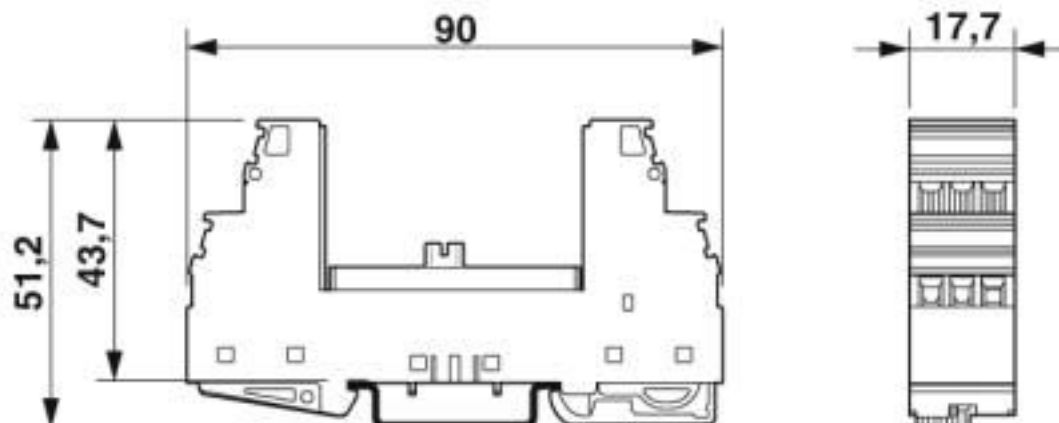
## Drawings

Diagram

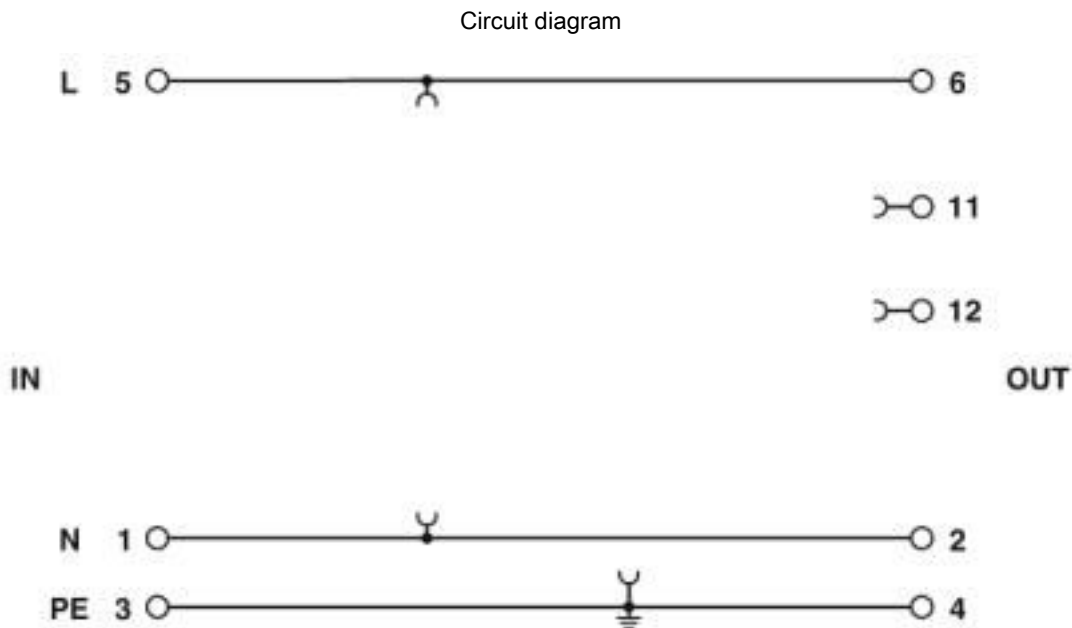


Nominal current depending on ambient temperature

Dimensional drawing



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### Classifications

#### eCl@ss

eCl@ss 4.0	27130800
eCl@ss 4.1	27130800
eCl@ss 5.0	27130800
eCl@ss 5.1	27130800
eCl@ss 6.0	27130800
eCl@ss 7.0	27130803
eCl@ss 8.0	27130803
eCl@ss 9.0	27130803

#### ETIM

ETIM 5.0	EC000472
ETIM 6.0	EC000472
ETIM 7.0	EC000472

#### UNSPSC

UNSPSC 13.2	39121620
UNSPSC 18.0	39121620
UNSPSC 19.0	39121620
UNSPSC 20.0	39121620
UNSPSC 21.0	39121620

### Approvals

#### Approvals

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## Approvals

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### Approvals

CSA / GL / KEMA-KEUR / EAC / UL Recognized

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### Ex Approvals

UL Recognized

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### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	70056020
GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	14588-15 HH
KEMA-KEUR		<a href="http://www.dekra-certification.com">http://www.dekra-certification.com</a>	2173868.01
EAC			RU C- DE.*09.B.00169
UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 330181

## Accessories

### Accessories

### Device marking

Label - EML (20XE)R - 0803452



Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: continuous x 20#mm

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## Type 3 surge protection base element - PLT-SEC-T3-BE - 2905557

### Accessories

Label - EML (20XE)R YE - 0803453



Label, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: continuous x 20#mm

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### 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

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### Marker pen

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

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### Terminal marking

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



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: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

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### Additional products

Type 3 surge protection plug - PLT-SEC-T3-24-P - 2905232



Replacement plug for type 3 device protection from the PLUGTRAB SEC T3 product range. 24 V nominal voltage.

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### Accessories

Type 3 surge protection plug - PLT-SEC-T3-60-P - 2905233



Replacement plug for type 3 device protection from the PLUGTRAB SEC T3 product range. 60 V nominal voltage.

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Type 3 surge protection plug - PLT-SEC-T3-120-P - 2905234



Replacement plug for type 3 device protection from the PLUGTRAB SEC T3 product range. 120 V nominal voltage.

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Type 3 surge protection plug - PLT-SEC-T3-230-P - 2905235



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

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[2713175](#) [4B06B-EC1-150LF](#) [SRA6LC](#) [BPMA75D100LV](#) [CX06M](#) [CCTV1](#) [GUS13](#) [GUS14](#) [GUS5](#) [GUS6](#) [VAL-MS 320/3+0-FM](#) [VAL-US-](#)  
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