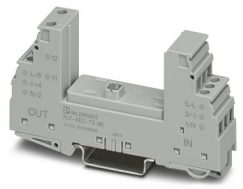
PLT-SEC-T3-BE - Type 3 surge protection base element

2905557

https://www.phoenixcontact.com/us/products/2905557

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

Commercial data

Item number	2905557
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CL19
Product key	CL14A1
Catalog page	Page 71 (C-4-2017)
GTIN	4046356961967
Weight per piece (including packing)	59.2 g
Weight per piece (excluding packing)	56.49 g
Customs tariff number	85363030
Country of origin	DE

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

2905557

https://www.phoenixcontact.com/us/products/2905557

Technical data

Product properties

Type	Base element, DIN rail mounting
Product type	Replacement plug
Product family	SEC Family
Number of positions	2
Surge protection fault message	Remote indication contact

Insulation characteristics

Overvoltage category	III
Pollution degree	2
IEC test classification	III
	T3
EN type	T3
Number of ports	One

Electrical properties

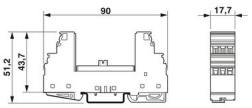
Indicator/remote signaling

Connection name	Remote fault indicator contact
Switching function	N/C contact

Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.8 Nm
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section rigid	0.2 mm² ... 4 mm²
Conductor cross section AWG	24 ... 12

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	90 mm
Depth	51.2 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 Div.

Material specifications

Flammability rating according to UL 94	V-0
CTI value of material	600

Insulating material	PA 6.6-FR
Material group	I
Housing material	PA 6.6-FR

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

Environmental and real-life conditions

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)
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)

Approvals

UL specifications

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

UL connection data

Conductor cross section AWG	24 ... 12

Standards and regulations

Standards/specifications	IEC 61643-11
Note	2011

EN 61643-11

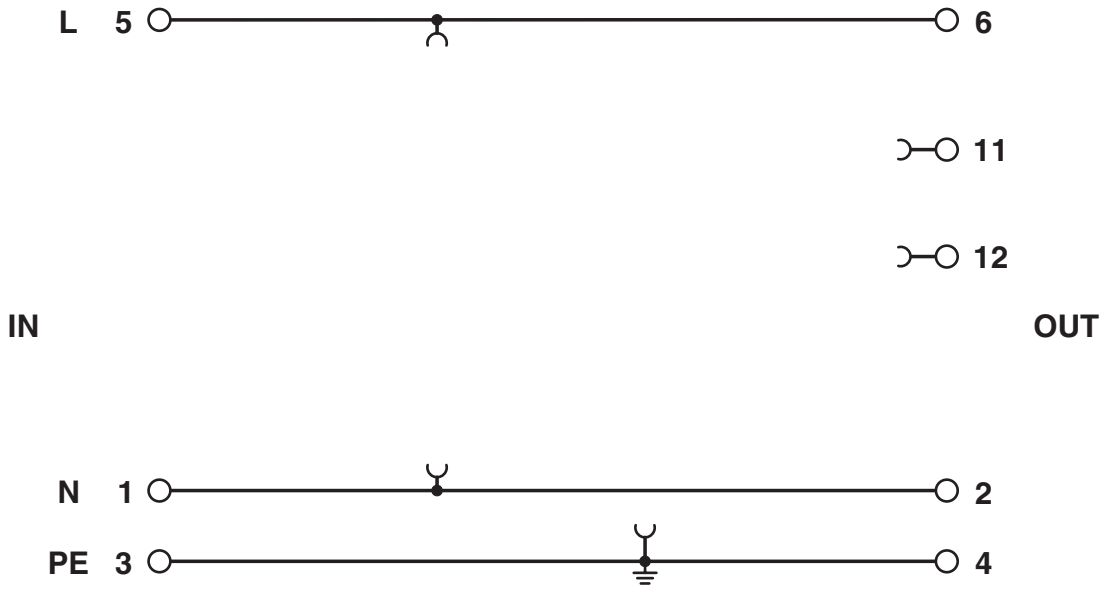
Standards/specifications	EN 61643-11
Note	2012

Mounting

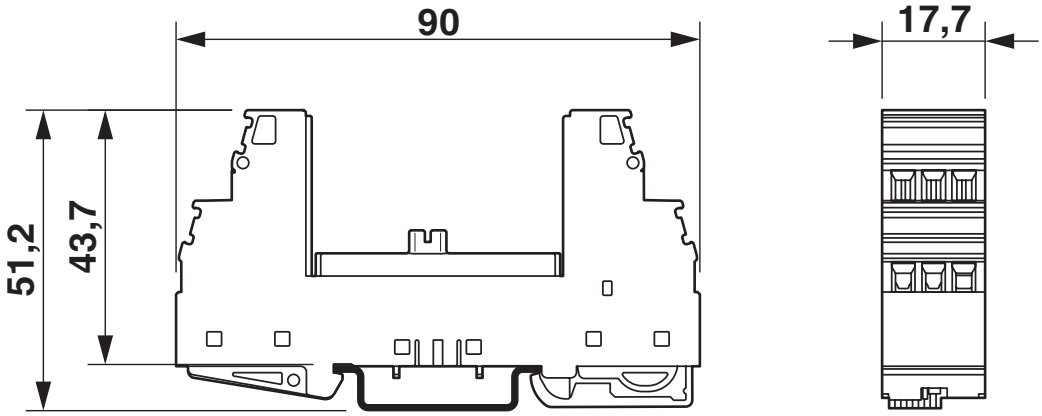
Mounting type	DIN rail: 35 mm

Drawings

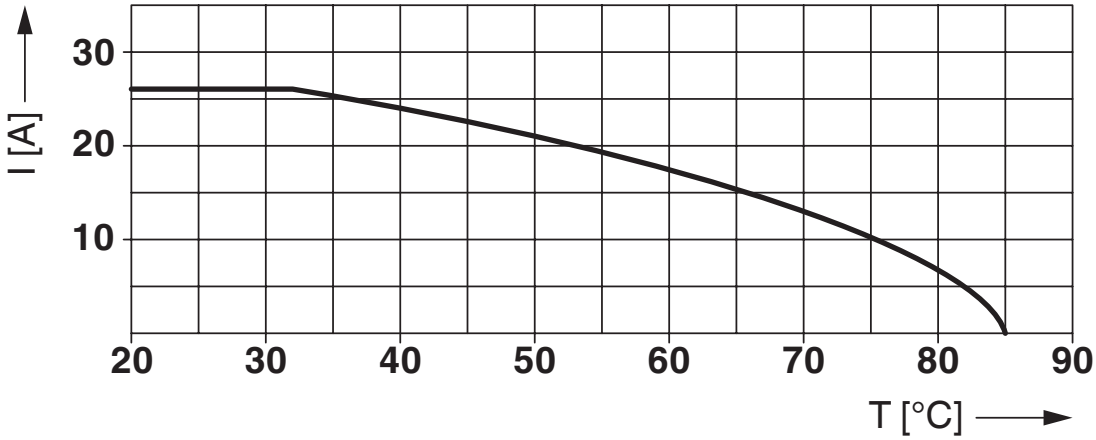
Circuit diagram



Dimensional drawing



Diagram



Nominal current depending on ambient temperature

Classifications

ETIM

ETIM 7.0	EC000472

UNSPSC

UNSPSC 21.0	39121620

Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer’s declaration available under “Downloads”

Accessories

CLIPFIX 35 - End clamp

3022218

https://www.phoenixcontact.com/us/products/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

X-PEN 0,35 - Marker pen

0811228

https://www.phoenixcontact.com/us/products/0811228

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

ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

https://www.phoenixcontact.com/us/products/0808642

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

EML (20XE)R - Label

0803452

https://www.phoenixcontact.com/us/products/0803452

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

EML (20XE)R YE - Label

0803453

https://www.phoenixcontact.com/us/products/0803453

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

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

2905232

https://www.phoenixcontact.com/us/products/2905232

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

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

2905557

https://www.phoenixcontact.com/us/products/2905557

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

2905233

https://www.phoenixcontact.com/us/products/2905233

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

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

2905234

https://www.phoenixcontact.com/us/products/2905234

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

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

2905557

https://www.phoenixcontact.com/us/products/2905557

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

2905235

https://www.phoenixcontact.com/us/products/2905235

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

Phoenix Contact 2023 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com