

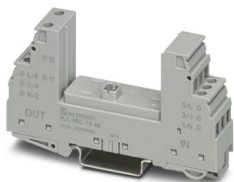
# PLT-SEC-T3-BE - Type 3 surge protection base element

2905557

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

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



## Commercial data

Item number	2905557
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL19
Product key	CL14A1
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

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## Technical data

### Product properties

Product type	Replacement plug
Product family	SEC Family
Type	Base element, DIN rail mounting
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

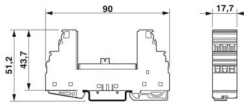
#### Indicator/remote signaling

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 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
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

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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 operating 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
Maximum backup fuse for through wiring	25 A (gG / B / C)
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 Hz ... 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
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## Standards and regulations

Standards/specifications	IEC 61643-11
Note	2011

### EN 61643-11

Standards/specifications	EN 61643-11
Note	2012

## Mounting

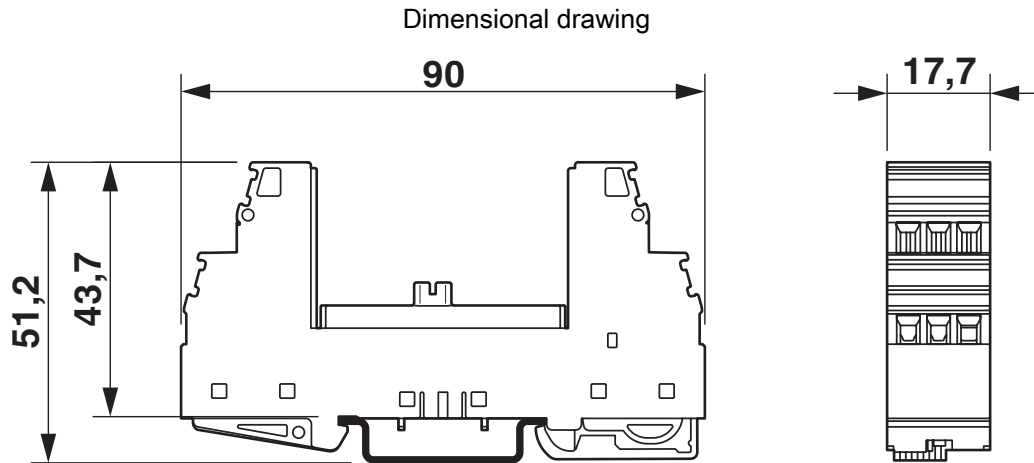
Mounting type	DIN rail: 35 mm
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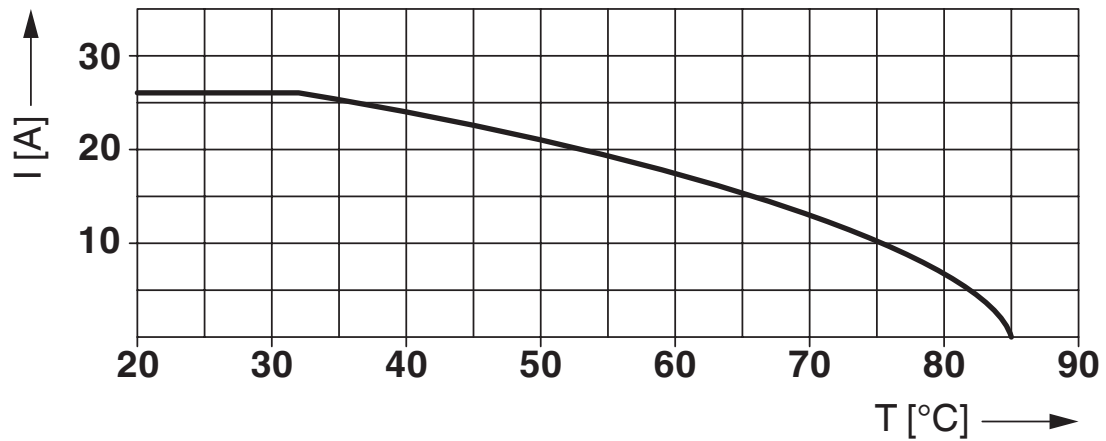
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## Drawings



Diagram



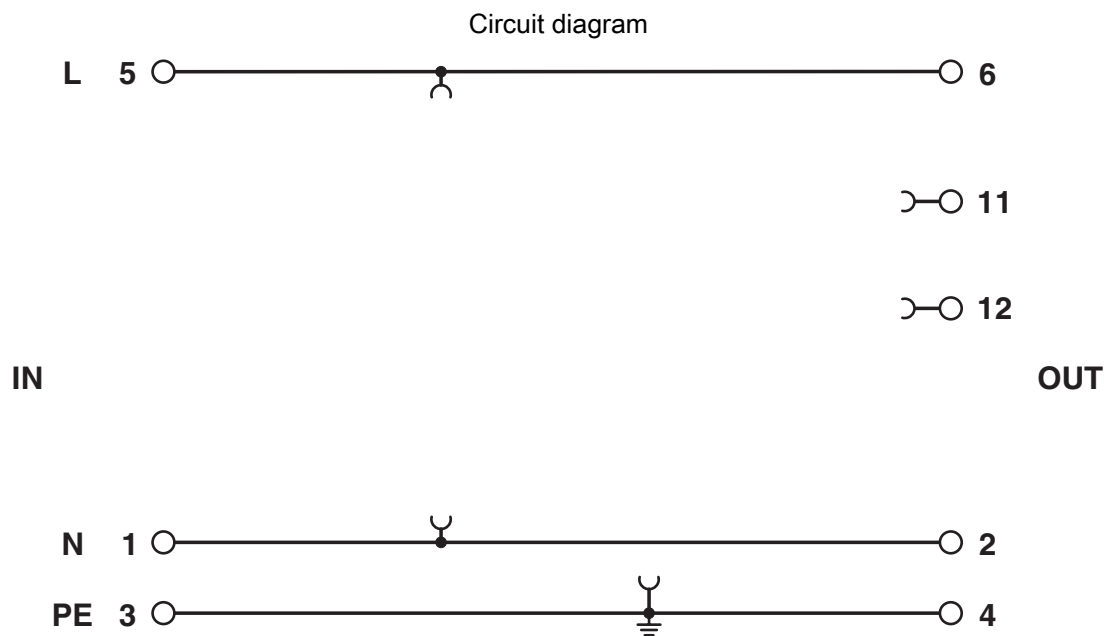
Nominal current depending on ambient temperature

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## Classifications

### UNSPSC

UNSPSC 21.0	39121620
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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.)	No substance above 0.1 wt%
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