

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 STK
GTIN	 4 046356 961967
GTIN	4046356961967
Weight per Piece (excluding packing)	60.000 g
Custom tariff number	85363030
Country of origin	Germany

Technical data

Dimensions

Height	90 mm
Width	17.7 mm
Depth	51.2 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 sinus / 11 ms / 3x ±X, ±Y, ±Z)

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Technical data

Ambient conditions

Vibration (operation)	5g (10 ... 150 Hz/20 cycles/axis/X, Y, Z)
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General

IEC test classification	III
	T3
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 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 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

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

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Connection data

Conductor cross section AWG	24 ... 12
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UL specifications

SPD Type	ACC
Nominal voltage	230 V DC
Rated load current I_L	25 A
Power distribution system	1
Nominal frequency	50/60 Hz

UL connection data

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

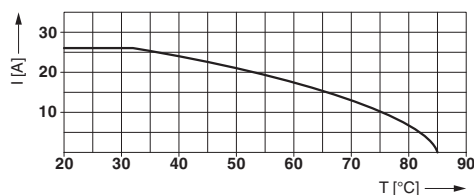
Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012

Environmental Product Compliance

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

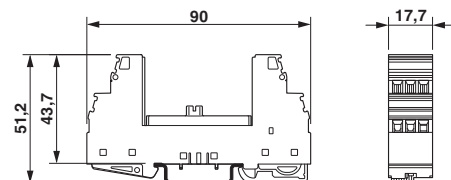
Drawings

Diagram



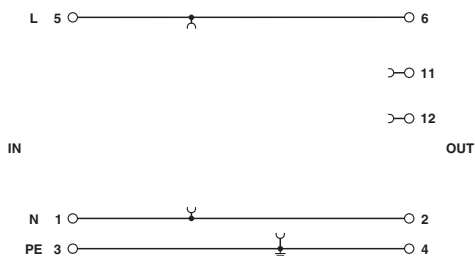
Nominal current depending on ambient temperature

Dimensional drawing



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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
ETIM 6.0	EC000472

UNSPSC

UNSPSC 13.2	39121620
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Approvals

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

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approval details

KEMA-KEUR		http://www.dekra-certification.com	2173868.01
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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
EAC			RU C- DE.A*30.B01561
GL		http://exchange.dnv.com/tari/	14588-15 HH
CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	70056020
cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	