

Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924


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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Base element for protective plugs from the PLT-SEC-...-UT/PT product series with remote indication contact.



COMPLETE RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	 4 055626 257709
GTIN	4055626257709

Technical data

Dimensions

Height	93.4 mm
Width	17.7 mm
Depth	51.5 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 (5 ... 500 Hz / 2.5 h / X, Y, Z)

General

EN type	T2 / T3
IEC power supply system	TN-S

Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924

Technical data

General

	TT
Number of ports	One
Mounting type	DIN rail: 35 mm
Color	light grey RAL 7035 traffic grey A RAL 7042
Housing material	PA 6.6-FR 20% GF PA 6.6-FR
Degree of pollution	2
Flammability rating according to UL 94	V-0
Type	DIN rail module, two-section, divisible
Number of positions	2
Surge protection fault message	Remote indication contact

Protective circuit

Nominal frequency f_N	50 Hz (60 Hz)
Maximum continuous voltage U_C	264 V AC
Rated load current I_L	26 A (at 30 °C)
Short-circuit current rating I_{SCCR}	10 kA AC
Max. backup fuse with branch wiring	depends on the plug used
Maximum backup fuse for through wiring	25 A (gG / B / C)

Additional technical data

Short-circuit current rating I_{SCCR}	max. 5 kA DC (depends on the plug used)
Maximum continuous voltage U_C	240 V DC

Indicator/remote signaling

Switching function	PDT contact
Operating voltage	250 V AC 125 V DC (200 mA DC)
Operating current	0.5 A AC 0.5 A DC (75 V DC)
Connection method	Screw connection
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	30 ... 12
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	10 mm

Connection data

Connection method	Screw connection
-------------------	------------------

Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924

Technical data

Connection data

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	0.5 Nm
Stripping length	10 mm

UL specifications

SPD Type	ACC
Nominal voltage	240 V DC
Rated load current I _L	20 A
Power distribution system	Single phase
	DC

UL indicator/remote signaling

Operating voltage	250 V AC (0.5 A)
	12 V DC (4 A)
	24 V DC (2 A)
	48 V DC (1 A)
Tightening torque	5 lb _f -in. ... 7 lb _f -in.
Conductor cross section AWG	30 ... 12

UL connection data

Conductor cross section AWG	16 ... 12
Tightening torque	4.4 lb _f -in.

Standards and Regulations

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

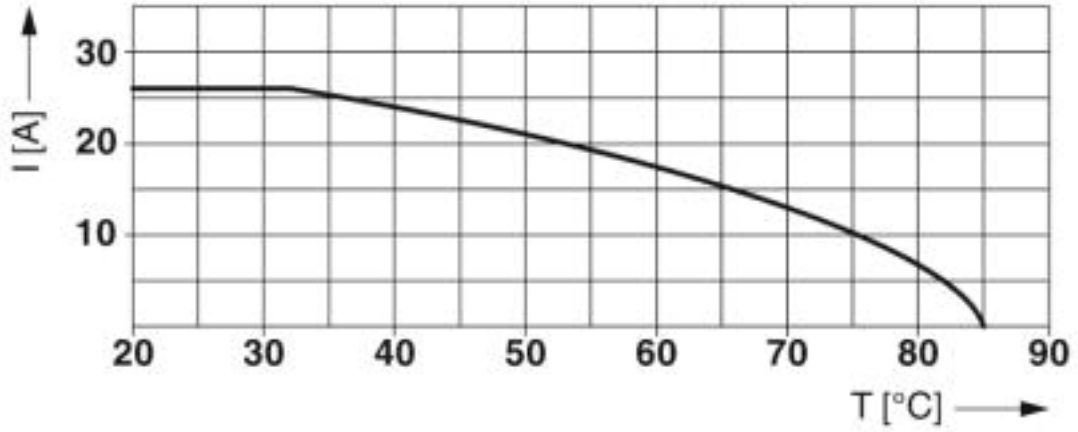
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

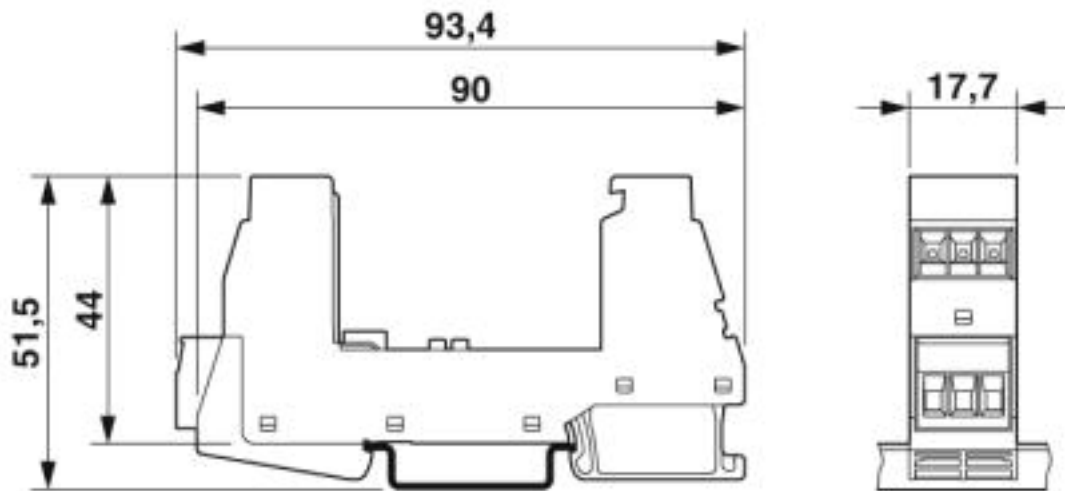
Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924

Diagram



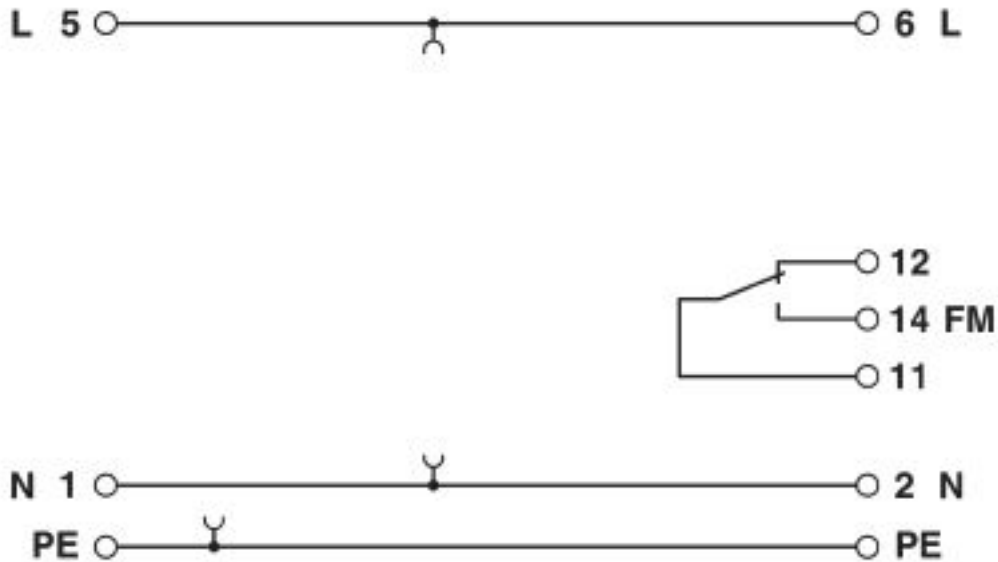
Nominal current depending on ambient temperature

Dimensional drawing



Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924

Circuit diagram



Approvals

Approvals

Approvals

DNV GL / CCA / UL Recognized / KEMA-KEUR / cUL Recognized / IECEE CB Scheme / EAC / CSA / cULus Recognized

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE00002U7
--------	--	---	------------

CCA			NTR-NL 7676
-----	--	--	-------------

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
---------------	--	---	---------------

Type 3 surge protection base element - PLT-SEC-T3-BE-FM-UT - 2907924

Approvals

KEMA-KEUR		http://www.dekra-certification.com	71-103027
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
IECEE CB Scheme		http://www.iecee.org/	NL-51083
EAC			RU C-DE.A*30.B01561
CSA		http://www.csagroup.org/services-industries/product-listing/	70194378
cULus Recognized			

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>