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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.



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 961967

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

General

Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012
IEC test classification	III
	T3
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
Number of positions	2
Surge protection fault message	Remote indicator 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

Connection name	Remote fault indicator contact
Switching function	N/C contact
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG	24 ... 12

Connection data

Connection method	Screw connection
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG	24 ... 12 (IEC)
	24 ... 12 (UL)
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm

UL specifications

SPD Type	ACC
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Technical data

UL specifications

Nominal voltage	230 V DC
Power distribution system	1
Nominal frequency	50/60 Hz

Classifications

eCl@ss

eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 8.0	27130803

ETIM

ETIM 5.0	EC000472
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Approvals

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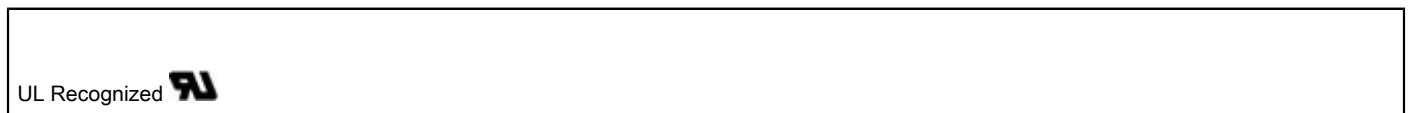
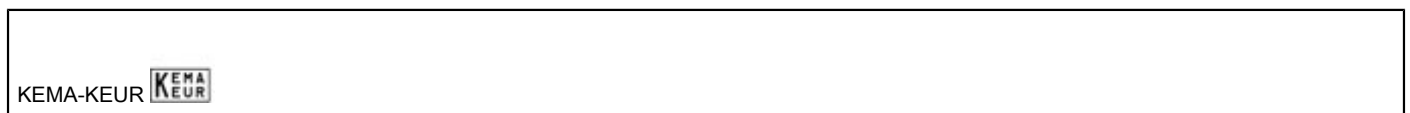
KEMA-KEUR / UL Recognized / cUL Recognized / EAC / GL / cULus Recognized

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approvals submitted

Approval details



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Approvals

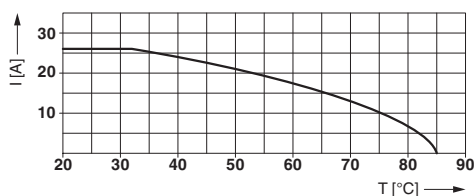
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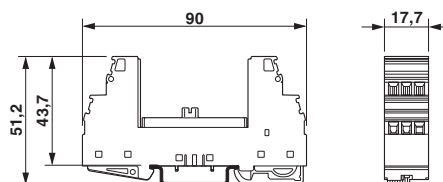
cULus Recognized US

Drawings

Diagram

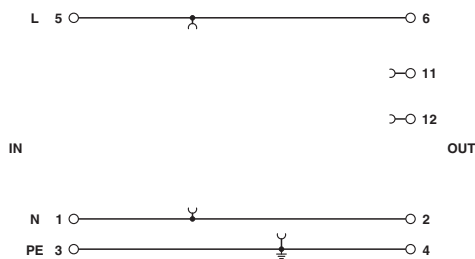


Dimensional drawing



Nominal current depending on ambient temperature

Circuit diagram



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