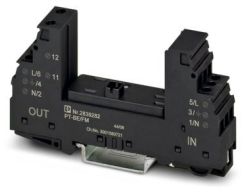
PT-BE/FM - Type 3 surge protection base element

2839282

https://www.phoenixcontact.com/us/products/2839282

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Base element for protective plug PT, for mounting on NS 35/7.5 and NS 35/15, housing width: 17.5 mm

Your advantages

- Maximum ease of maintenance, thanks to the 2-piece design
- Easy selection for all possible demands in MCR applications with a complete product portfolio
- The signal is not influenced during maintenance work, thanks to the impedance-neutral insertion and removal of protective plugs
- Easy integration into the control room via floating remote indication contact

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2839282
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	CL01
Product key	CL1411
GTIN	4017918182502
Weight per piece (including packing)	48.7 g
Weight per piece (excluding packing)	45.91 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Base element
Product family	PLUGTRAB PT
IEC power supply system	TN-S
	TT
Type	Base element, DIN rail mounting
Number of positions	3
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

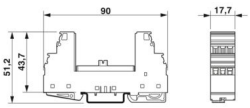
Indicator/remote signaling

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
Horizontal pitch	1 HP
Complete module width	17.7 mm
Complete module height	90 mm

Complete module depth	65.5 mm

Material specifications

Color	black (RAL 9005)
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

Mechanical properties

Mechanical data

Open side panel	No

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	depends on the plug used

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)

Standards and regulations

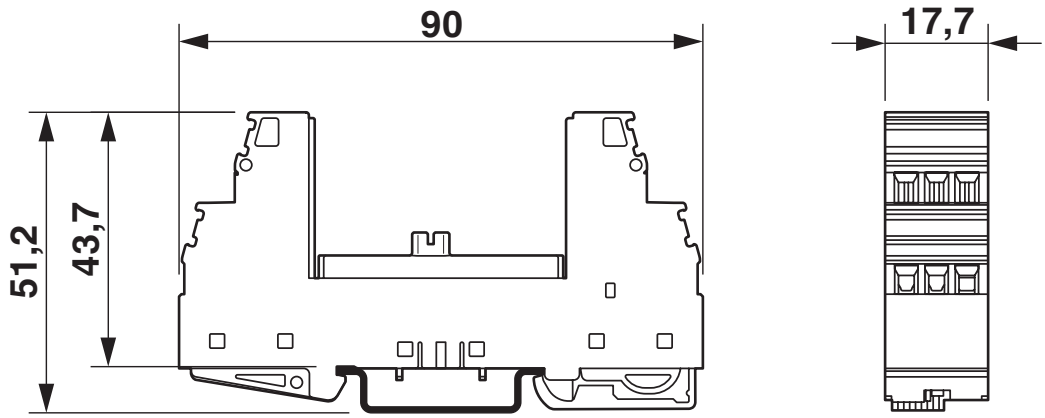
Standards/specifications	IEC 61643-11
Note	2011
Standards/specifications	EN 61643-11
Note	2012

Mounting

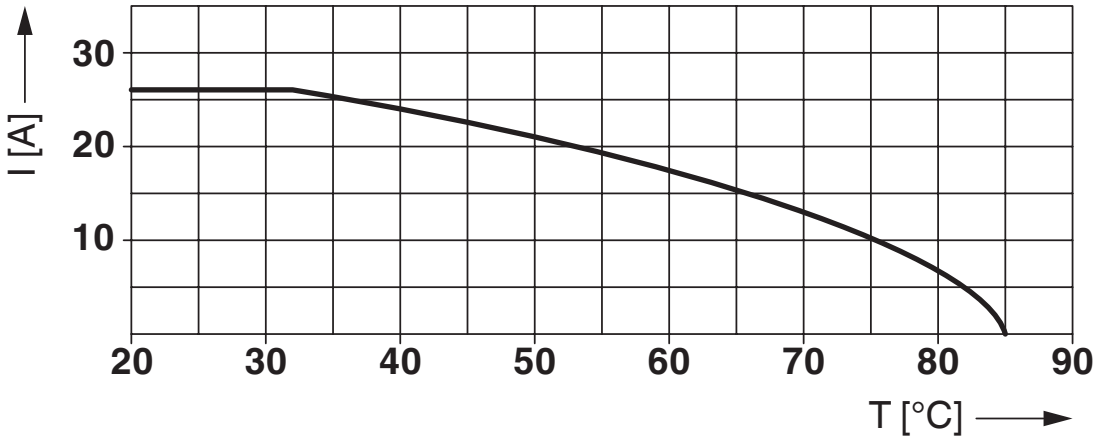
Mounting type	DIN rail: 35 mm

Drawings

Dimensional drawing

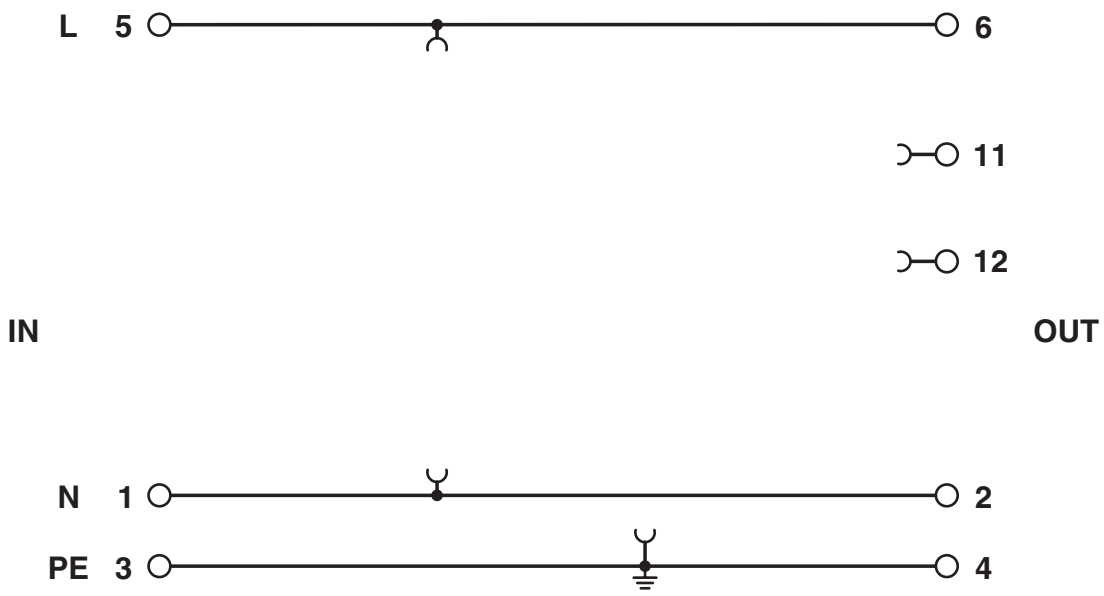


Diagram



Nominal current depending on ambient temperature

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2839282

UL Recognized
Approval ID: FILE E 330181

Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 10.0	EC001466

UNSPSC

UNSPSC 21.0	39121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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