PT 1X2-BE/FM - Type 2 surge protection base element

2920010

https://www.phoenixcontact.com/us/products/2920010

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Base element to accept a protective plug with diagnostic and status indicator for one floating double wire

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

Commercial data

Item number	2920010
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	CL21
Product key	CL2112
GTIN	4046356154024
Weight per piece (including packing)	55.5 g
Weight per piece (excluding packing)	55.16 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Notes on operation	When the PT ...-BE/FM base elements are used, the connections 9/10 (GND) are directly connected to the DIN rail via the metal mounting foot.

Product properties

Product type	Base element
Product family	PLUGTRAB PT
Type	Base element, DIN rail mounting
Number of positions	2
Wire pairs per module	1

Electrical properties

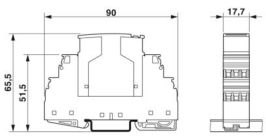
Indicator/remote signaling

Maximum operating voltage $U_{max.}$ AC	250 V AC
Max. operating current I_{max}	0.2 A (250 V AC)
	0.2 A (220 V DC)
	1 A (60 V AC)
	1 A (60 V DC)

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	89.8 mm
Depth	52 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

Mechanical properties

Mechanical data

Open side panel	No

Protective circuit

Direction of action	Shield-Earth Ground

Environmental and real-life conditions

Ambient conditions

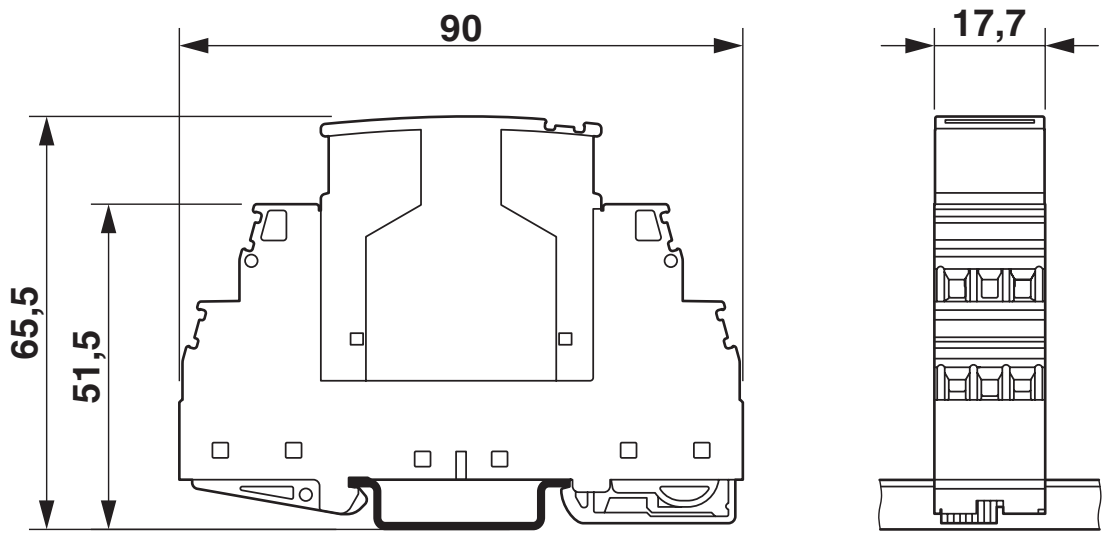
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Mounting

Mounting type	DIN rail: 35 mm

Drawings

Dimensional drawing



The figure shows the complete module consisting of a base element and connector

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2920010

DNV GL
Approval ID: TAE00001N6

UL Listed
Approval ID: FILE E 138168

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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