

2839224

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Base element for protective plug PT with protective circuit for two 2-wire floating signal circuit, gas-filled surge arrester between the connections 3-4 (GND) and 9-10, 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

Commercial data

Item number	2839224
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL21
Product key	CL2111
GTIN	4017918182762
Weight per piece (including packing)	58.2 g
Weight per piece (excluding packing)	58.2 g
Customs tariff number	85363010
Country of origin	DE



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Technical data

Notes

Notes on operation	In the base elements PT+F-BE, the connections 9/10
	(GND) are linked to the mounting foot via a gas-filled surge arrester.

Product properties

Product type	Base element
Product family	PLUGTRAB PT
Туре	Base element, DIN rail mounting
Number of positions	4
Surge protection fault message	none
Wire pairs per module	2

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

Nominal voltage U _N	24 V AC
	24 V DC

Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 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	90 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 - 1777 -
Width	17.7 mm
Height	90 mm
Depth	51.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 Div.

Material specifications

Color	black (RAL 9005)
	copper color



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Flammability rating according to UL 94	V-0
Housing material	PA 6.6

Mechanical properties

Mechanical data

Open side panel	No
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Protective circuit

Direction of action	Signal Ground/Shield-Earth Ground
Maximum continuous operating voltage U _C	40 V DC
	28 V AC
Rated current	450 mA (45 °C)
Resistance per path	2.2 Ω ±10 %
Surge protection fault message	none
Max. required back-up fuse	500 mA (T)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C 85 °C
Ambient temperature (storage/transport)	-40 °C 85 °C
Altitude	≤ 2000 m (amsl)

Standards and regulations

Air clearances and creepage distances

Standards/regulations	VDE 0110-1
Standards/specifications	IEC 61643-21
Note	2000 + corrigendum 2001 + A1:2008, modified + A2:2012
Standards/specifications	EN 61643-21
Note	2001 + A1:2009 + A2:2013

Mounting

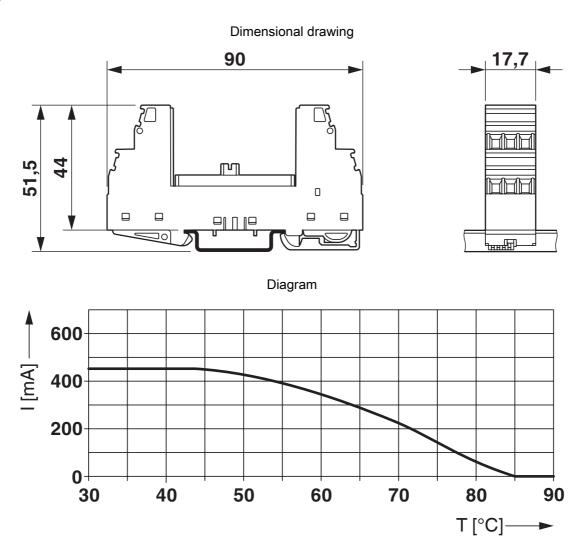
Mounting type	DIN rail: 35 mm	



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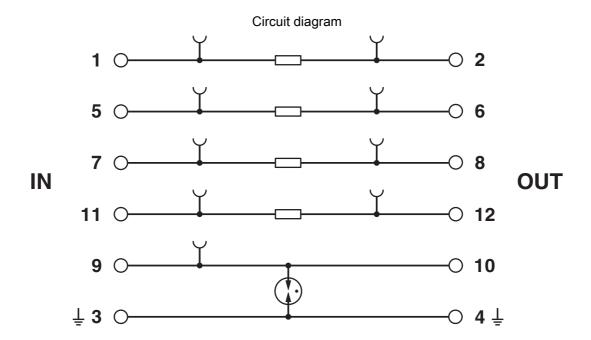
Drawings





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Approvals

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DNV GL

Approval ID: TAE00001N6



UL Listed

Approval ID: FILE E 138168



cUL Listed

Approval ID: FILE E 333250



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Approval ID: FILE E 333250



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-13.0	27171592		
	ECLASS-15.0	27171592		
ETIM				
	ETIM 9.0	EC002497		
UNSPSC				

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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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