

PT PE/S+1X2-BE - Surge protection base-element



2856265

<https://www.phoenixcontact.com/sg/products/2856265>

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Base element for protective plug PT with surge voltage device protection for the power supply unit and one 2-wire floating signal circuit, 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	2856265
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	0710*
Product key	CL2111
Catalog page	Page 123 (C-4-2019)
GTIN	4017918819675
Weight per piece (including packing)	52.326 g
Weight per piece (excluding packing)	45.729 g
Customs tariff number	85363010
Country of origin	DE

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Technical data

Product properties

Product type	Base element
Product family	PLUGTRAB PT
Type	DIN rail module, two-section, divisible
Number of positions	2
Surge protection fault message	none
Wire pairs per module	1

Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.8 Nm
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	90 mm
Depth	52 mm
Horizontal pitch	1 Div.
Complete module width	17.7 mm
Complete module height	90 mm
Complete module depth	65.5 mm

Material specifications

Color	black (RAL 9005) copper color
Flammability rating according to UL 94	V-0

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Mechanical properties

Mechanical data

Open side panel	No
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Protective circuit

Information technology

Surge protection fault message	none
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Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standards/specifications	EN 61643-21/A1
Note	2009

Mounting

Mounting type	DIN rail: 35 mm
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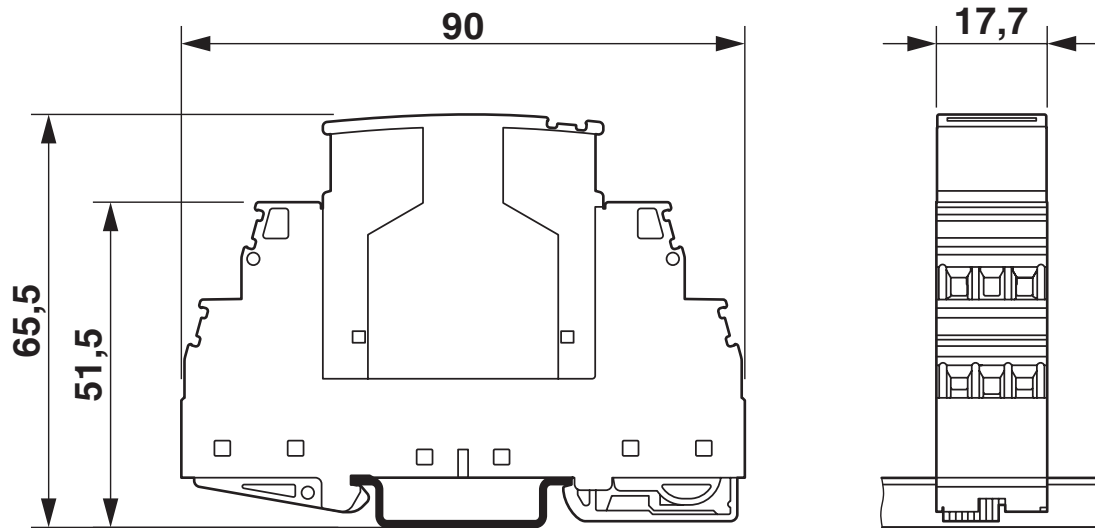
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Drawings

Dimensional drawing



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

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Approvals

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EAC

Approval ID: EAC-Zulassung



EAC

Approval ID: RU C-DE.*09.B.00169

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Classifications

ECLASS

ECLASS-13.0	27171592
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ETIM

ETIM 9.0	EC002497
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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