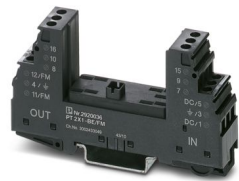


2920036

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Base element to accept a protective plug with diagnostic and status indicator for two signal wires with common reference potential.



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	2920036
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	CL21
Product key	CL2112
Catalog page	Page 91 (TT-2011)
GTIN	4046356154093
Weight per piece (including packing)	55 g
Weight per piece (excluding packing)	49.399 g
Customs tariff number	85363010
Country of origin	DE

# PT 2X1-BE/FM - Surge protection base-element



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## Technical data

### Notes

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

Product type	Base element
Product family	PLUGTRAB PT
Type	Base element, DIN rail mounting
Number of positions	2

### Data management status

Article revision	03
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### Electrical properties

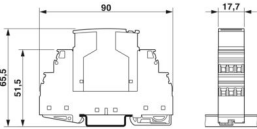
#### Indicator/remote signaling

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	17.5 mm
Height	90 mm
Depth	51.7 mm
Horizontal pitch	1 Div.
Complete module width	17.7 mm
Complete module height	90 mm

# PT 2X1-BE/FM - Surge protection base-element



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Complete module depth	65.5 mm
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## Material specifications

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

## Mechanical properties

### Mechanical data

Open side panel	No
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## Protective circuit

Direction of action	Shield-Earth Ground
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## 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
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# PT 2X1-BE/FM - Surge protection base-element

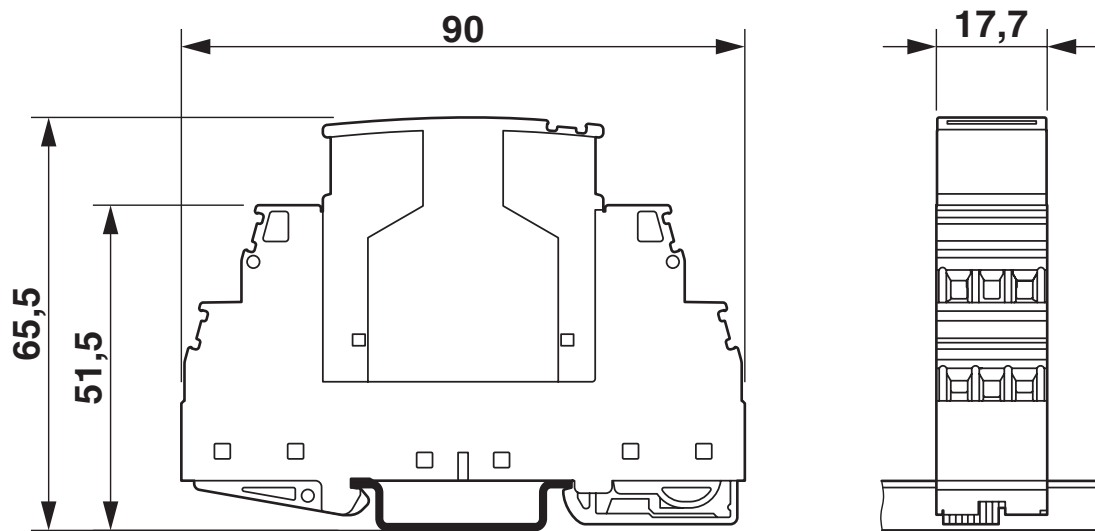
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## Drawings

Dimensional drawing



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


# PT 2X1-BE/FM - Surge protection base-element



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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2920036>



**EAC**

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



**DNV GL**

Approval ID: TAE00001N6



**UL Listed**

Approval ID: FILE E 138168

# PT 2X1-BE/FM - Surge protection base-element



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## Classifications

### ECLASS

ECLASS-11.0	27130803
ECLASS-13.0	27171501

### ETIM

ETIM 9.0	EC000943
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### UNSPSC

UNSPSC 21.0	39121600
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# PT 2X1-BE/FM - Surge protection base-element



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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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