



Automatización Eléctrica
Especialistas en Automatización

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Surge protection base element - PT 2X1+F-BE/FM - 2920049

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Base element to accept a protective plug with diagnostic and status indicator for two signal wires with common reference potential, integrated spark gap to provide a high-resistance connection between the ground of the protective circuit of the plug and ground potential.

Why buy this product

- Plugs can be checked with CHECKMASTER
- Maximum ease of maintenance thanks to the two-piece design
- Base element remains an integral part of the installation
- With floating remote indication contact
- Permanent and independent monitoring by a diagnostics unit
- Consistent plug-in signal circuit protection
- Impedance-neutral disconnection of plug for test and maintenance purposes
- Optical status indication for the individual arresters

Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 154086

Technical data

Dimensions

Height	89.8 mm
Width	17.7 mm
Depth	52 mm
Horizontal pitch	1 Div.
Complete module height	90 mm
Complete module width	17.7 mm
Complete module depth	65.5 mm

Ambient conditions

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

General

Flammability rating according to UL 94	V0
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Technical data

General

Color	black
Mounting type	DIN rail: 35 mm
Type	DIN rail module, two-section, divisible
Number of positions	2
Direction of action	Signal Ground/Shield-Earth Ground

Protective circuit

Surge protection fault message	Remote indicator contact
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Connection data

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130803
eCl@ss 7.0	27130803
eCl@ss 8.0	27130803

ETIM

ETIM 2.0	EC000472
ETIM 3.0	EC000472
ETIM 4.0	EC000472
ETIM 5.0	EC000472

UNSPSC

UNSPSC 6.01	30212010
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Classifications

UNSPSC

UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

Approvals


Approvals

UL Listed / GL / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

UL Listed 

GL

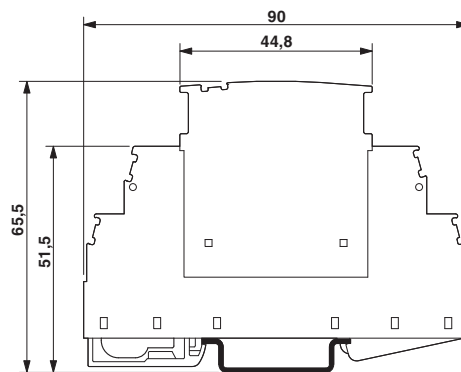
EAC

EAC

Drawings

Surge protection base element - PT 2X1+F-BE/FM - 2920049

Dimensional drawing



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

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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Product	Code	Reference	Product link
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