

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.

Product Features

- 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 | 1 pc |
| Weight per Piece (excluding packing) | 58.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

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 |

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Technical data

Dimensions

| | |
|-----------------------|---------|
| 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 |
| 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 |
|--------------------------------|--------------------------|

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27130803 |
| eCl@ss 8.0 | 27130803 |

ETIM

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|----------|----------|
| ETIM 2.0 | EC000472 |
| ETIM 3.0 | EC000472 |
| ETIM 4.0 | EC000472 |
| ETIM 5.0 | EC000472 |

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 30212010 |
| 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

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|---|
| UL Listed  |
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| GL |
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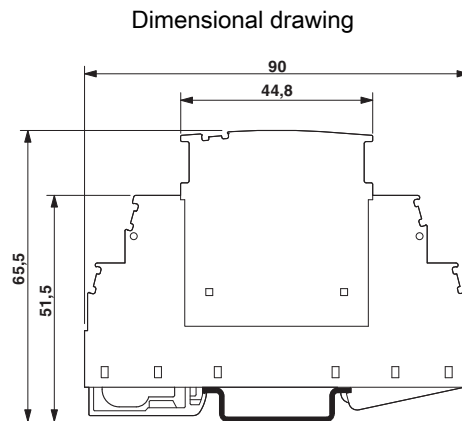
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| EAC |
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Approvals

EAC

Drawings



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