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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Type 2 surge protection base element - PT 1X2-BE/FM - 2920010

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Base element to accept a protective plug with diagnostic and status indicator for one floating double wire

### 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
- ✓ Consistent plug-in signal circuit protection
- ✓ Permanent and independent monitoring by a diagnostics unit
- ✓ With floating remote indication contact
- ✓ 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         | <br>4 046356 154024 |
| GTIN         | 4046356154024   |

### Technical data

#### Note

|                         |   |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

#### Dimensions

|                        |         |
|------------------------|---------|
| Height                 | 89.8 mm |
| Width                  | 17.7 mm |
| Depth                  | 52 mm   |
| Horizontal pitch       | 1 Div.  |
| Complete module height | 90 mm   |

# Type 2 surge protection base element - PT 1X2-BE/FM - 2920010

## Technical data

### Dimensions

|                       |         |
|-----------------------|---------|
| 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 | V-0                             |
| Color                                  | black                           |
| Mounting type                          | DIN rail: 35 mm                 |
| Type                                   | Base element, DIN rail mounting |
| Number of positions                    | 2                               |
| Direction of action                    | Shield-Earth Ground             |

### Connection data

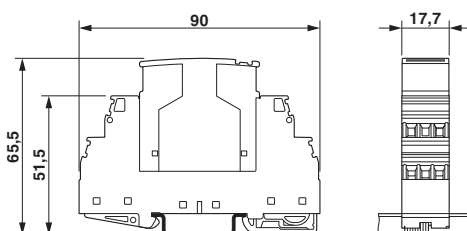
|                                  |   |
|----------------------------------|---|
| Connection method                | Screw connection                            |
| Connection method IN             | Screw terminal blocks                       |
| Connection method OUT            | Screw terminal blocks                       |
| Screw thread                     | M3  |
| Tightening torque                | 0.8 Nm                                      |
| Stripping length                 | 8 mm  |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section solid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section AWG      | 24 ... 12                                   |

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



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

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## Approvals

### Approvals

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#### Approvals

UL Listed / EAC / DNV GL


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#### Ex Approvals

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### Approval details

|           |   |   |               |
|-----------|---|---|---------------|
| UL Listed |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 138168 |
|-----------|---|---|---------------|

|     |  |  |                         |
|-----|--|--|-------------------------|
| EAC |  |  | RU C-<br>DE.A*30.B01561 |
|-----|--|--|-------------------------|

|        |  |   |            |
|--------|--|---|------------|
| DNV GL |  | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | TAE00001N6 |
|--------|--|---|------------|

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