

## Type 3 surge protection device - MT-2PE/S- 24AC - 2748072

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Rail-mountable module with surge voltage equipment protection for power supply units, optical power and fault display, mounting on NS 35/7.5. Nominal voltage: 24 V AC/DC, housing width: 50 mm

The illustration shows version MT 2-PE/S-230 AC



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 PCE                                                                                                   |
| GTIN                                 | <br>4 017918 062323 |
| Weight per Piece (excluding packing) | 124.81 GRM                                                                                              |
| Custom tariff number                 | 85363010                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Height | 77.5 mm |
| Width  | 50 mm   |
| Depth  | 63 mm   |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP20             |
| Ambient temperature (operation) | -25 °C ... 75 °C |

#### General

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| Housing material                        | PA-F                             |
| Inflammability class according to UL 94 | V0                               |
| Design                                  | Rail-mountable module, one-piece |
| Mounting type                           | DIN rail: 35 mm                  |

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## Technical data

### General

|                     |             |
|---------------------|-------------|
| Number of positions | 2           |
| Direction of action | 1L-N & N-PE |

### Protective circuit

|                                                                |                                   |
|----------------------------------------------------------------|-----------------------------------|
| Nominal voltage $U_N$                                          | 24 V AC                           |
| Arrester rated voltage $U_C$ (L-PE)                            | 34 V AC                           |
| Nominal frequency $f_N$                                        | 50 Hz                             |
|                                                                | 60 Hz                             |
| Nominal current $I_N$                                          | 16 A (40°C)                       |
| Operating effective current $I_C$ at $U_C$                     | $\leq 7$ mA                       |
| Residual current $I_{PE}$                                      | $\leq 1$ $\mu$ A                  |
| Nominal discharge current $I_n$ (8/20) $\mu$ s (L-N)           | 1 kA                              |
| Nominal discharge current $I_n$ (8/20) $\mu$ s (L-PE)          | 1 kA                              |
| Max. discharge current $I_{max}$ (8/20) $\mu$ s maximum (L-N)  | 2 kA                              |
| Max. discharge current $I_{max}$ (8/20) $\mu$ s maximum (L-PE) | 2 kA                              |
| Voltage protection level $U_P$ (L-N)                           | $\leq 0.22$ kV                    |
| Voltage protection level $U_P$ (L-PE)                          | $\leq 0.2$ kV                     |
| Response time $t_A$ (L-N)                                      | $\leq 25$ ns                      |
| Response time $t_A$ (L-PE)                                     | $\leq 100$ ns                     |
| Max. required back-up fuse                                     | 16 A (gL)                         |
| Surge protection fault message                                 | Optical, remote indicator contact |

### Non-heating apparatus connection, power supply

|                                        |                       |
|----------------------------------------|-----------------------|
| Connection method                      | Screw connection      |
| Connection type IN                     | Screw terminal blocks |
| Connection type OUT                    | Screw terminal blocks |
| Screw thread                           | M3                    |
| Tightening torque                      | 0.5 Nm                |
| Stripping length                       | 8 mm                  |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup>   |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup>   |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup>   |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>     |
| Conductor cross section AWG/kcmil min. | 24                    |
| Conductor cross section AWG/kcmil max  | 12                    |

### Remote indicator contact

|                 |                                |
|-----------------|--------------------------------|
| Connection name | Remote fault indicator contact |
|-----------------|--------------------------------|

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#### Remote indicator contact

|                                         |             |
|-----------------------------------------|-------------|
| Switching function                      | N/C contact |
| Maximum operating voltage $U_{max. AC}$ | 250 V AC    |
| Max. operating current $I_{max}$        | 1 A         |

### 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 | 27130806 |
| eCl@ss 7.0 | 27130806 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000942 |
| ETIM 3.0 | EC000942 |
| ETIM 4.0 | EC000942 |
| ETIM 5.0 | EC000942 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30212010 |
| UNSPSC 7.0901 | 39121610 |
| UNSPSC 11     | 39121610 |
| UNSPSC 12.01  | 39121610 |
| UNSPSC 13.2   | 39121620 |

### Approvals

#### Approvals

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Approvals

GOST / GOST

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Ex Approvals

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### Approvals

Approvals submitted

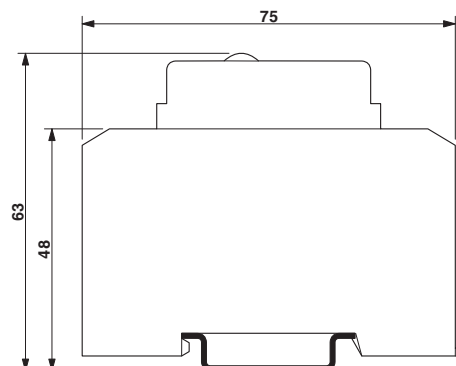
#### Approval details

GOST 

GOST 

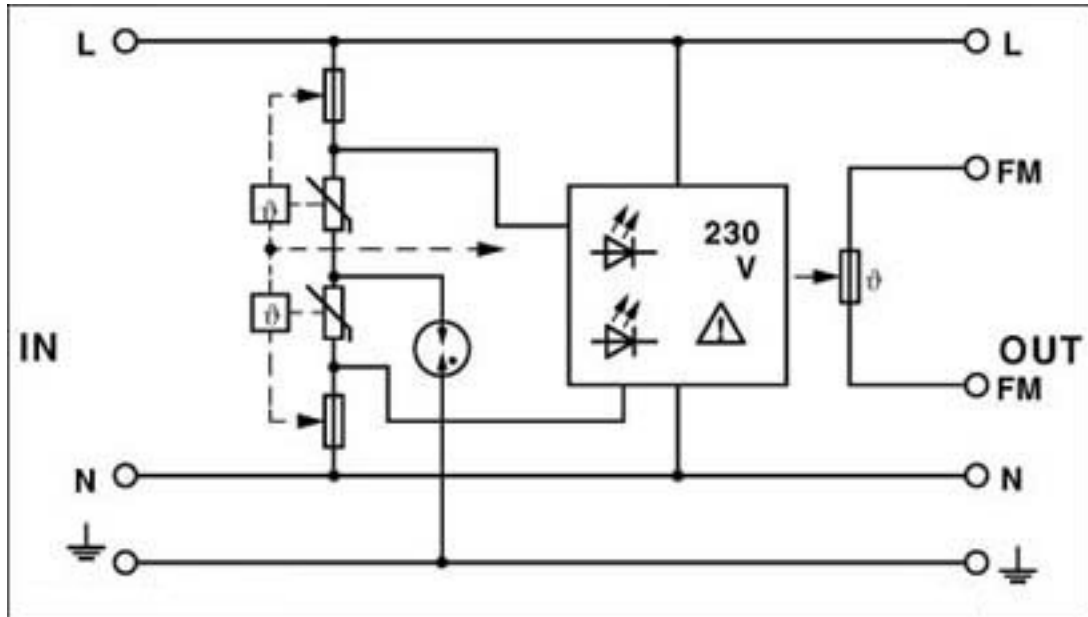
### Drawings

Dimensioned drawing



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Circuit diagram



单击下面可查看定价，库存，交付和生命周期等信息

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