

## Surge protection device - TT-UK-R-F/ 48AC - 2795931

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Modular double terminal block with surge voltage coarse protection between both the through contacts, nominal voltage: 48 V AC, for mounting on NS 32 or NS 35/7.5, closed housing, terminal width: 15.5 mm, terminal height: 45.5 mm



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                   |
| GTIN                                 | <br>4 017918 073190 |
| Weight per Piece (excluding packing) | 31.58 GRM                                                                                              |
| Custom tariff number                 | 85363010                                                                                               |
| Country of origin                    | Greece                                                                                                 |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Height | 45.5 mm |
| Width  | 15.3 mm |
| Length | 50 mm   |

#### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

#### General

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Housing material                        | PA                                        |
| Inflammability class according to UL 94 | V2                                        |
| Color                                   | black                                     |
| Type                                    | Single-level terminal block – two-channel |
| Direction of action                     | Line-Line                                 |

#### Protective circuit

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## Technical data

### Protective circuit

|                                                            |                |
|------------------------------------------------------------|----------------|
| Nominal voltage $U_N$                                      | 48 V AC        |
| Nominal current $I_N$                                      | 2 A            |
| Residual current $I_{PE}$                                  | $\leq 1 \mu A$ |
| Nominal discharge current $I_n$ (8/20) $\mu s$ (Core-Core) | 10 kA          |
| Capacity (Core-Core)                                       | 1.5 pF         |

### Connection data

|                                        |                       |
|----------------------------------------|-----------------------|
| Connection method                      | 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.  | 4 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                    |

## 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 | 27130807 |
| eCl@ss 7.0 | 27130807 |
| eCl@ss 8.0 | 27130807 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000943 |
| ETIM 3.0 | EC000943 |
| ETIM 4.0 | EC000943 |
| ETIM 5.0 | EC000943 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30212010 |
| UNSPSC 7.0901 | 39121610 |



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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 39121610 |
| UNSPSC 12.01 | 39121610 |
| UNSPSC 13.2  | 39121620 |

## Approvals

### Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

### Approval details

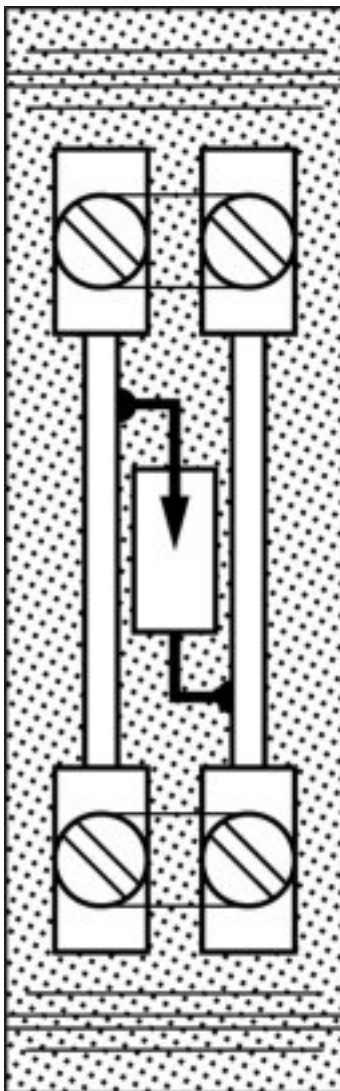
GOST

GOST

## Drawings

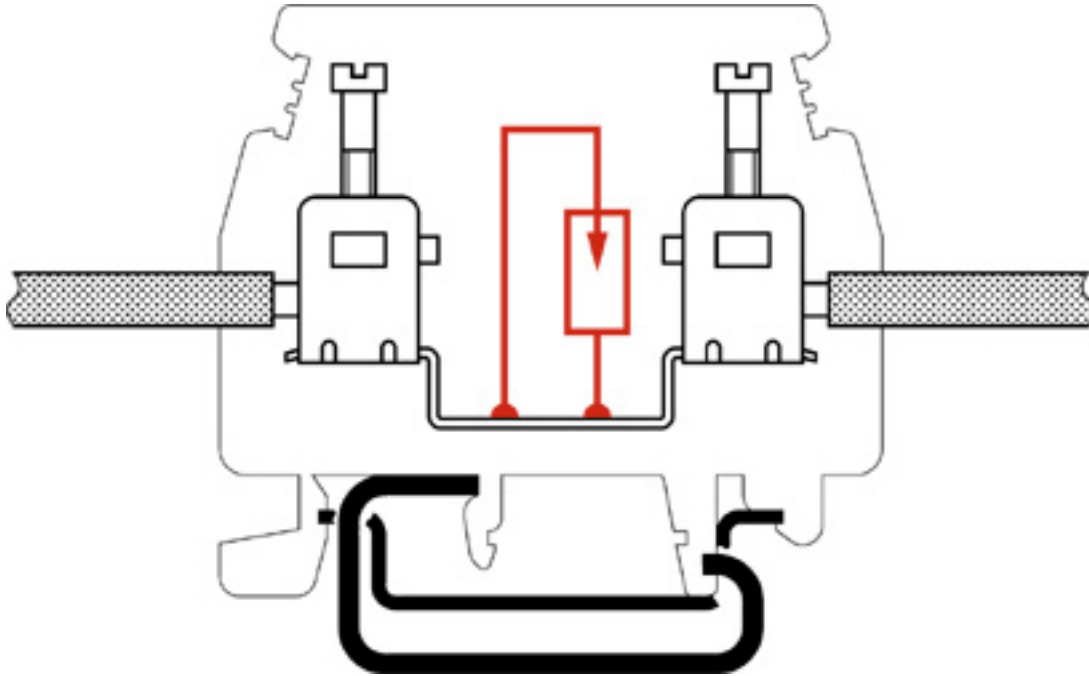
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Schematic diagram



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Schematic diagram



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