

## Type 2 surge protection plug - VAL-CP-350-ST-GY - 2882718

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Replacement plug for VAL-CP surge arrester with high-capacity varistor free of leakage current.

### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 70.0 GRM |
| Custom tariff number                 | 85363010 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Height | 44.8 mm |
| Width  | 11.7 mm |
| Depth  | 56.4 mm |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP20             |
| Ambient temperature (operation) | -40 °C ... 80 °C |

#### General

|  |   |
|--|---|
| Housing material                         | PBT                                     |
| Inflammability class according to UL 94  | V0                                      |
| Color                                    | gray                                    |
| Standards for air and creepage distances | DIN VDE 0110-1                          |
|  | IEC 60664-1                             |
|  | IEC 61643-1                             |
| Mounting type                            | On base element                         |
| Type                                     | DIN rail module, two-section, divisible |
| Number of positions                      | 1                                       |
| Surge protection fault message           | Optical                                 |

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## Technical data

### General

|                     |             |
|---------------------|-------------|
| Direction of action | L-N / L-PEN |
|---------------------|-------------|

### Protective circuit

|  |   |
|--|---|
| IEC test classification  | II  |
| EN type  | T2  |
| Nominal voltage $U_N$  | 240 V AC                                  |
| Maximum continuous operating voltage $U_C$                       | 350 V AC                                  |
| Nominal frequency $f_N$  | 50 Hz                                     |
|  | 60 Hz                                     |
| Residual current $I_{PE}$  | $\leq 250 \mu A$                          |
| Standby power consumption $P_C$                                  | $\leq 3.5 \text{ mW}$                     |
| Max. discharge current $I_{max} (8/20) \mu s$                    | 30 kA                                     |
| Nominal discharge current $I_n (8/20) \mu s$                     | 20 kA                                     |
| Voltage protection level $U_p$                                   | $\leq 1.5 \text{ kV}$                     |
| Residual voltage   | $\leq 1.5 \text{ kV (at } I_n)$           |
|  | $\leq 1.3 \text{ kV (at } 10 \text{ kA)}$ |
|  | $\leq 1.2 \text{ kV (at } 5 \text{ kA)}$  |
|  | $\leq 1 \text{ kV (at } 3 \text{ kA)}$    |
| Response time  | $\leq 25 \text{ ns}$                      |
| Max. required backup fuse with branch wiring                     | 63 A (MCB)                                |
| Short-circuit resistance $I_p$ with max. backup fuse (effective) | 20 kA                                     |

### Connection, protective circuit

|                     |                                    |
|---------------------|------------------------------------|
| Connection type IN  | FLASHTRAB/VALVETRAB plug-in system |
| Connection type OUT | FLASHTRAB/VALVETRAB plug-in system |

### Standards and Regulations

|                       |                  |
|-----------------------|------------------|
| Standards/regulations | IEC 61643-1 2005 |
|                       | EN 61643-11 2002 |

### 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 | 27130805 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27130805 |
| eCl@ss 8.0 | 27130805 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000941 |
| ETIM 3.0 | EC000941 |
| ETIM 4.0 | EC000941 |
| ETIM 5.0 | EC000941 |

#### 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

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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