

# DA-275 DFI 1

## SPD - for low voltage / SPD type 3 / With RFI filter

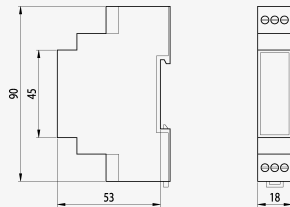
Surge protection with RFI filter

fault signalling due to power supply interruption

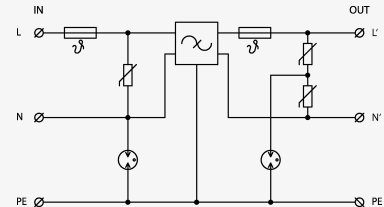
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance
- protection priority



Product dimensions



Basic circuit diagram



| Parameter name  | Parameter value    |
|---|--------------------|
| Type of SPD   | T3                 |
| Mounting  | DIN rail 35 mm     |
| Nominal voltage   | $U_n$ 230 V AC     |
| Maximum operating voltage   | $U_c$ 275.00 V AC  |
| Nominal load current  | $I_L$ 1.000 A      |
| Type of network   | TN                 |
| Maximum overcurrent protection  | 1 A gL/gG or C 1 A |
| Filter attenuation at 1MHz (50 $\Omega$ //50 $\Omega$ ) unsymmetrical | 50 dB              |
| Nominal discharge current (8/20 $\mu$ s) L-N                          | $I_n$ 1.50 kA      |
| Nominal discharge current (8/20 $\mu$ s) N-PE                         | $I_n$ 1.50 kA      |
| Test voltage L-N  | $U_{oc}$ 3.0 kV    |
| Test voltage N-PE   | $U_{oc}$ 3.0 kV    |
| Voltage protection level mode L-N                                     | $U_p$ 1.20 kV      |
| Voltage protection level mode N-PE                                    | $U_p$ 1.20 kV      |
| Response time L-N   | $t_a$ 25 ns        |
| Response time N-PE  | $t_a$ 100 ns       |

|  |                                     |
|--|-------------------------------------|
| Cross-section of connected conductors solid (max)    | 4.00 mm <sup>2</sup>                |
| Cross-section of connected conductors stranded (max) | 2.50 mm <sup>2</sup>                |
| Fault indication                                     | supply interruption                 |
| Remote indication                                    | no                                  |
| Degree of protection                                 | IP 20                               |
| Range of ambient temperatures (min/max)              | -40 / 80 °C                         |
| Humidity   | 5 - 95 %                            |
| According to standard                                | EN 61643-11:2012, IEC 61643-11:2011 |
| ETIM Class   | EC000942                            |
| Customs tariff number                                | 85363010                            |
| EAN  | 8595090512059                       |
| Order number   | A01205                              |

SALTEK s.r.o., Drážďanská 561/85, 400 07 Ústí nad Labem, CZ | +420 475 655 511 | [info@saltek.cz](mailto:info@saltek.cz) | [www.saltek.eu](http://www.saltek.eu)  
 Technická podpora: 800 818 818 | [podpora@saltek.cz](mailto:podpora@saltek.cz)

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