

DA-275-DF6

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

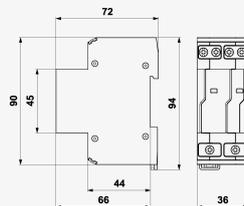
Surge protection with RFI filter

visual fault signalling

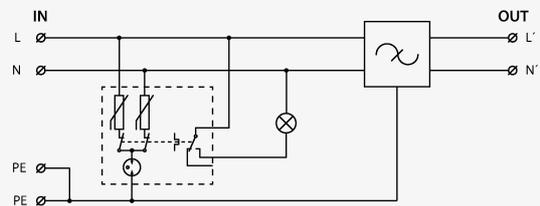
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance



Product dimensions



Basic circuit diagram



| Parameter name | Parameter value |
|---|--------------------|
| Type of SPD | T3 |
| Mounting | DIN rail 35 mm |
| Nominal voltage | U_n 230.00 V AC |
| Maximum operating voltage | U_c 275.00 V AC |
| Nominal load current | I_L 6.000 A |
| Type of network | TN |
| Maximum overcurrent protection | 6 A gL/gG or C 6 A |
| Short-circuit current rating | I_{SCCR} 6.0 kA |
| Filter attenuation at 1 MHz (50 Ω /50 Ω) unsymmetrical | 30 dB |
| Nominal discharge current (8/20 μ s) L-N | I_n 3.00 kA |
| Nominal discharge current (8/20 μ s) L+N-PE | I_n 5.00 kA |
| Nominal discharge current (8/20 μ s) N-PE | I_n 3.00 kA |
| Test voltage L-N | U_{oc} 6.0 kV |
| Test voltage L+N-PE | U_{oc} 10.0 kV |
| Test voltage N-PE | U_{oc} 6.0 kV |
| Voltage protection level mode L-N | U_p 1.20 kV |
| Voltage protection level mode L-PE | U_p 1.50 kV |

| | | |
|--|-------|-------------------------------------|
| Voltage protection level mode N-PE | U_p | 1.50 kV |
| Response time L-N | t_a | 25 ns |
| Response time N-PE | t_a | 100 ns |
| TOV 5 s L-N | | 335 V |
| TOV 5 s L-PE | | 440 V |
| TOV characteristic (TOV 5 s) | | withstand |
| TOV 120 min L-N | | 440 V |
| TOV 120 min L-PE | | 335 V |
| TOV characteristic (120 min) | | withstand |
| TOV 200 ms L-PE | | 1 200 V |
| TOV 200 ms N-PE | | 1 455 V |
| TOV characteristic (TOV 200 ms) | | safe failure |
| Cross-section of connected conductors solid (max) | | 6.00 mm ² |
| Cross-section of connected conductors stranded (max) | | 6.00 mm ² |
| Cross-section of remote indication conductors solid (max) | | 1.5 mm ² |
| Cross-section of remote indication conductors stranded (max) | | 1.5 mm ² |
| Fault indication | | red indicator |
| Degree of protection | | IP 20 |
| Range of ambient temperatures (min/max) | | -40 / 80 °C |
| According to standard | | EN 61643-11:2012, IEC 61643-11:2011 |
| ETIM Class | | EC000942 |
| Customs tariff number | | 85363010 |
| EAN | | 8595090557173 |
| Order number | | A05717 |