# DA-275-DFi6

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

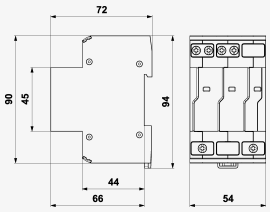
Surge protection with RFI filter

fault signalling due to power supply interruption, visual fault signalling

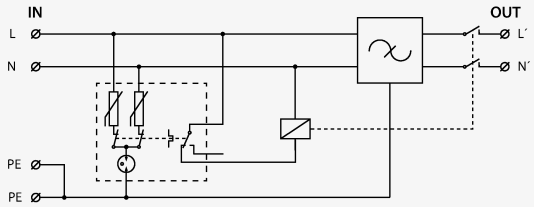
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance
- protection priority



**Product dimensions**




**Basic circuit diagram**




| Parameter name | | Parameter value |
|---|---|---|
| Type of SPD | | T3 |
| 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 µs) L-N | $I_n$ | 3.00 kA |
| Nominal discharge current (8/20 µs) L+N-PE | $I_n$ | 5.00 kA |
| Nominal discharge current (8/20 µs) 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 indication field, supply interruption |
| 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 | | 8595090557234 |
| Order number | | A05723 |