DA-275-DFi6

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

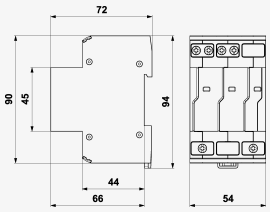
Surge protection with RFI filter

fault signalling due to power supply interruption, visual fault signalling

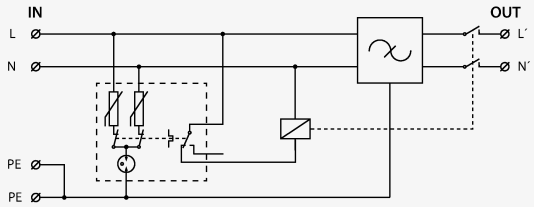
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance
- protection priority



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