DA-275 DFI 1

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

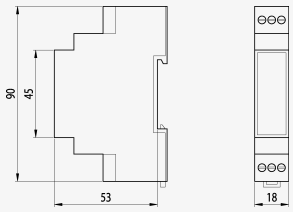
Surge protection with RFI filter

fault signalling due to power supply interruption

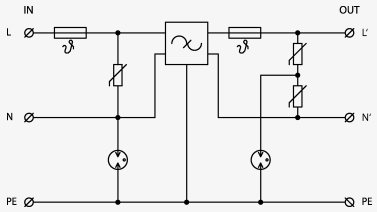
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance
- protection priority



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3
Mounting		DIN rail 35 mm
Nominal voltage	U_n	230.00 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 1 MHz (50 Ω/50 Ω) unsymmetrical		50 dB
Nominal discharge current (8/20 µs) L-N	I_n	1.50 kA
Nominal discharge current (8/20 µs) 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^2**
Cross-section of connected conductors stranded (max)	**2.50 mm^2**
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**