

# DA-275 DF 25

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

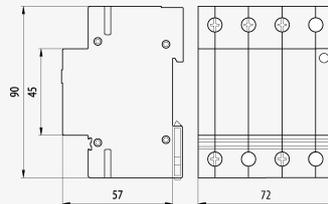
Surge protection with RFI filter

visual fault signalling

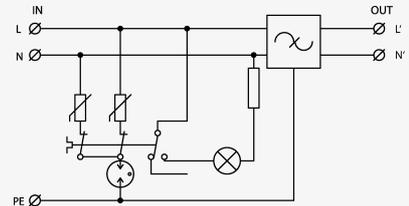
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance



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	$I_L$ 25.000 A
Type of network	TN
Maximum overcurrent protection	25 A gL/gG or C 25 A
Filter attenuation at 1MHz (50 $\Omega$ //50 $\Omega$ ) unsymmetrical	30 dB
Nominal discharge current (8/20 $\mu$ s) L-N	$I_n$ 3.00 kA
Nominal discharge current (8/20 $\mu$ s) L+N-PE	$I_n$ 5.00 kA
Nominal discharge current (8/20 $\mu$ 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
Cross-section of connected conductors solid (min)		1.00 mm <sup>2</sup>
Cross-section of connected conductors solid (max)		50.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (min)		1.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		35.00 mm <sup>2</sup>
Fault indication		red indicator
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		85363030
EAN		8595090537328
Order number		A03732