

# DA-275 DFI 1

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

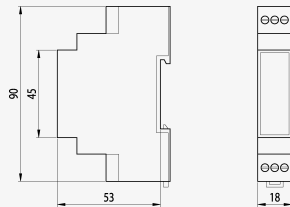
Surge protection with RFI filter

fault signalling due to power supply interruption

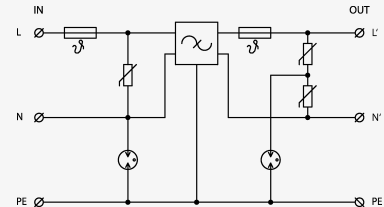
- surge protection with integrated RFI filter
- installation to LV installations, close to protected equipment
- for protection of power lines of I&C, electronic security and fire detection systems, etc. against impact of surge voltage and RF disturbance
- protection priority



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T3
Mounting	DIN rail 35 mm
Nominal voltage	$U_n$ 230 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 1MHz (50 $\Omega$ //50 $\Omega$ ) unsymmetrical	50 dB
Nominal discharge current (8/20 $\mu$ s) L-N	$I_n$ 1.50 kA
Nominal discharge current (8/20 $\mu$ s) 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 <sup>2</sup>
Cross-section of connected conductors stranded (max)	2.50 mm <sup>2</sup>
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

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