

# DA-275-A

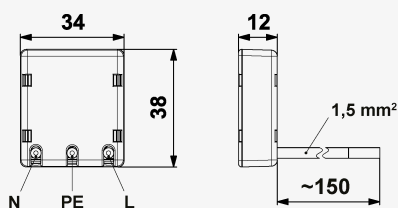
## SPD - for low voltage / SPD type 3 / Build in

Universal module with surge protection for additional installation  
acoustic fault signalling

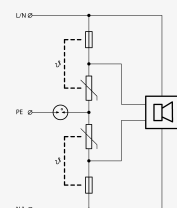
- SPD for additional installation to devices or equipments
- installation to LV installations, close to protected equipment
- for protection of all LV equipments against surge voltage
- can be used for single-phase power supply networks with isolation transformer, connection of L and N wires can be changed



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T3
Mounting	installation box
Nominal voltage	$U_n$ 230.00 V AC
Maximum operating voltage	$U_c$ 275.00 V AC
Type of network	TT TN
Maximum overcurrent protection	B 16 A
Short-circuit current rating	$I_{SCCR}$ 1.5 kA
Residual current	$I_{PE}$ 0.004 mA
Nominal discharge current (8/20 $\mu$ s) L-N	$I_n$ 2.00 kA
Nominal discharge current (8/20 $\mu$ s) N-PE	$I_n$ 2.00 kA
Test voltage L-N	$U_{oc}$ 4.0 kV
Test voltage L-PE	$U_{oc}$ 4.0 kV
Test voltage N-PE	$U_{oc}$ 4.0 kV
Voltage protection level mode L-N	$U_p$ 1.50 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 characteristic (120 min)		withstand
TOV 200 ms L-PE		1 455 V
TOV 200 ms N-PE		1 200 V
TOV characteristic (TOV 200 ms)		safe failure
Fault indication		acoustic signalling
Degree of protection		IP 20
Range of ambient temperatures (min/max)		-20 / 70 °C
According to standard		EN 61643-11:2012, IEC 61643-11:2011
ETIM Class		EC000942
Customs tariff number		85363010
EAN		8595090567387
Order number		A06738