DA-275-S

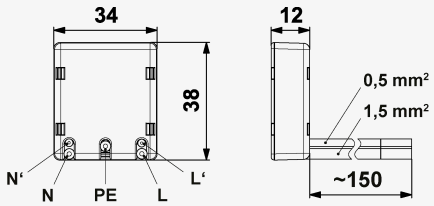
SPD - for low voltage / SPD type 3 / Build in

Universal module with surge protection for additional installation

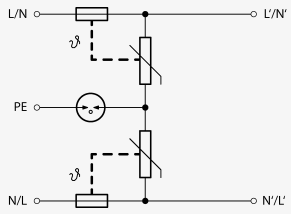
remote fault signalling

- 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 µs) L-N	I_n	2.00 kA
Nominal discharge current (8/20 µs) 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		loss of voltage
Remote indication		potential open contact
Maximum current of signalling		1.00 A
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		8595090567394
Order number		A06739