CZ-275-A

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

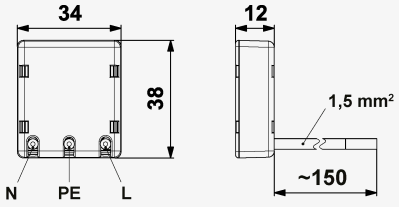
Module with surge protection for additional installation

acoustic fault signalling

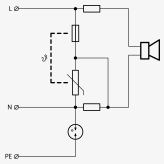
- SPD for additional installation to devices or equipments
- installation to LV installations, close to protected equipment
- for protection of all LV equipments against surge voltage
- non-symetrical connection



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 L-N	U_c	275.00 V AC
Maximum operating voltage N-PE	U_c	255.00 V AC
Type of network		TN|TT
Maximum overcurrent protection		B 16 A
Short-circuit current rating	I_{SCCR}	1.5 kA
Nominal discharge current (8/20 µs) L-N	I_n	3.00 kA
Nominal discharge current (8/20 µs) N-PE	I_n	6.00 kA
Test voltage L-N	U_{oc}	6.0 kV
Test voltage N-PE	U_{oc}	12.0 kV
Voltage protection level mode L-N	U_p	1.45 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	**8595090567370**
Order number	**A06737**