

# CZ-275-A

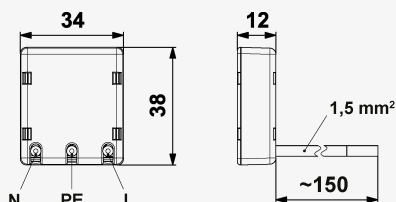
## SPD - for low voltage / SPD type 3 / Build in

Module with surge protection for additional installation  
acoustic fault signalling

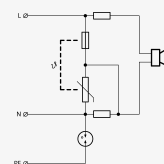
- SPD for additional installation to devices or equipments
- installation to LV installations, close to protected equipment
- for protection of all LV equipments against surge voltage
- non-symmetrical connection



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	T3
Mounting	installation box
Nominal voltage	$U_n$ 230 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 $\mu$ s) L-N	$I_n$ 3.00 kA
Nominal discharge current (8/20 $\mu$ s) 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	<b>440 V</b>
TOV characteristic (TOV 5 s)	<b>withstand</b>
TOV 120 min L-N	<b>440 V</b>
TOV characteristic (120 min)	<b>withstand</b>
TOV 200 ms L-PE	<b>1 455 V</b>
TOV 200 ms N-PE	<b>1 200 V</b>
TOV characteristic (TOV 200 ms)	<b>safe failure</b>
Fault indication	<b>acoustic signalling</b>
Degree of protection	<b>IP 20</b>
Range of ambient temperatures (min/max)	<b>-20 / 70 °C</b>
According to standard	<b>EN 61643-11:2012, IEC 61643-11:2011</b>
ETIM Class	<b>EC000942</b>
Customs tariff number	<b>85363010</b>
EAN	<b>8595090567370</b>
Order number	<b>A06737</b>