

# CZ-275-A

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

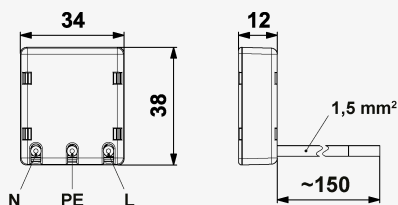
Module with surge protection for additional installation

acoustic fault signalling

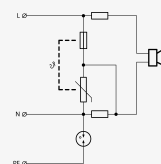
- SPD for additional installation to devices or equipments
- installation to LV installations, close to protected equipment
- for protection of all LV equipments against surge voltage
- non-symmetrical connection



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>                       |
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