

SP-T2+T3-320/Y-CCT-LED

SPD for LED lights / SPD

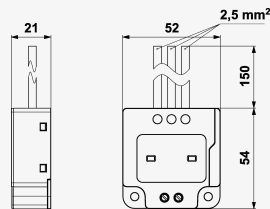
Module of surge protection especially for LED lights regardless of the type of power system

input cores/output terminals, fault signalling by supply interruption

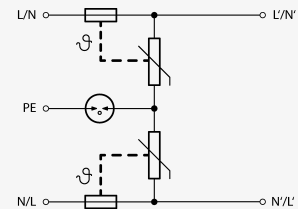
- surge arrester especially for LED lights
- installation close to protected equipment in LV power circuits
- also for equipment in external part of building with high exposure level (according to IEEE C62.41.2)



Product dimensions



Basic circuit diagram



| Parameter name | Parameter value |
|---|----------------------|
| Type of SPD | T2,T3 |
| Nominal voltage | U_n 230.00 V AC |
| Maximum operating voltage | U_c 320.00 V AC |
| Nominal load current | I_L 10.000 A |
| Type of network | TT TN |
| Maximum overcurrent protection | 32 A gL/gG or C 32 A |
| Short-circuit current rating | I_{SCCR} 3.0 kA |
| Residual current | I_{PE} 0.004 mA |
| Nominal discharge current (8/20 μ s) L-N | I_n 5.00 kA |
| Nominal discharge current (8/20 μ s) N-PE | I_n 5.00 kA |
| Maximum discharge current (8/20 μ s) L-N | I_{max} 10.00 kA |
| Maximum discharge current (8/20 μ s) N-PE | I_{max} 10.00 kA |
| Test voltage L-N | U_{oc} 10.0 kV |
| Test voltage L-PE | U_{oc} 10.0 kV |
| Test voltage N-PE | U_{oc} 10.0 kV |
| Voltage protection level mode L-N | U_p 1.30 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 |
| Cross-section of connected conductors solid (max) | | 2.50 mm ² |
| Cross-section of connected conductors stranded (max) | | 1.50 mm ² |
| Fault indication | | loss of voltage, dark grey indication field |
| Degree of protection | | IP 20 |
| Range of ambient temperatures (min/max) | | -40 / 80 °C |
| Humidity | | 5 - 95 % |
| According to standard | | EN 61643-11:2012, IEC 61643-11:2011 |
| ETIM Class | | EC000942 |
| Customs tariff number | | 85363030 |
| EAN | | 8595090562436 |
| Order number | | A06243 |