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

SPD for LED lights / SPD

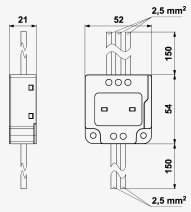
Module of surge protection especially for LED lights regardless of the type of power system

input/output cores, fault signalling by supply interruption

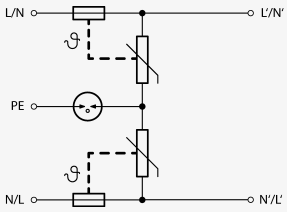
- surge arrester especially for LED lights
- installation close to protected equipment in LV power circuits
- also for equipment in external part of building with high exposure level (according to IEEE C62.41.2)



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 µs) L-N	I_n	5.00 kA
Nominal discharge current (8/20 µs) N-PE	I_n	5.00 kA
Maximum discharge current (8/20 µs) L-N	I_{max}	10.00 kA
Maximum discharge current (8/20 µs) 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
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		8595090562450
Order number		A06245