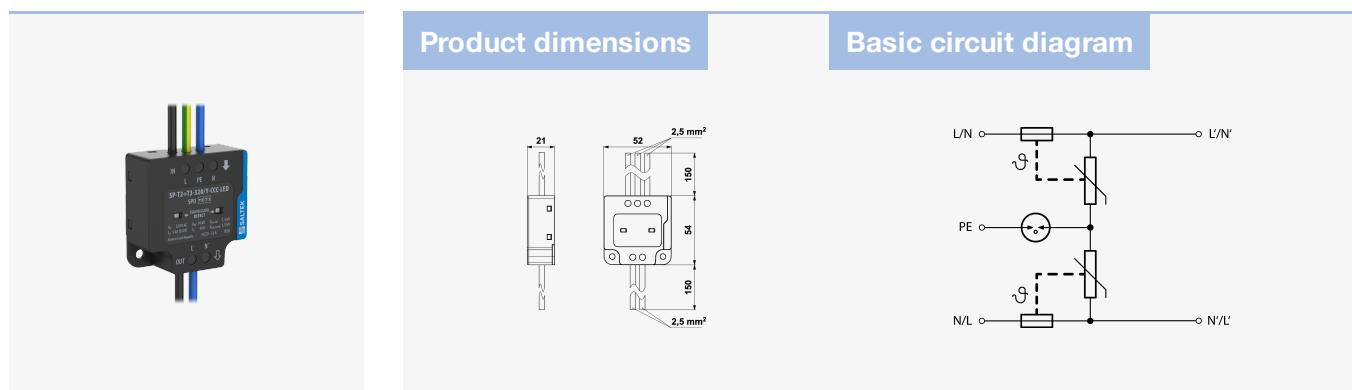


SP-T2+T3-320/Y-CCC-LED

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)



Parameter name	Parameter value	
Type of SPD	T2,T3	
Nominal voltage	U_n	230 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