DA-320-LED

SPD for LED lights / SPD

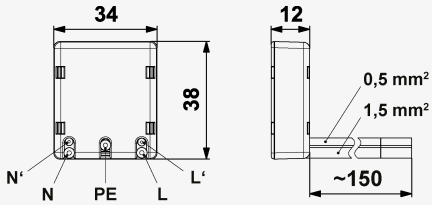
Module of surge protection especially for LED lights regardless of the type of power system

fault signalling by supply interruption

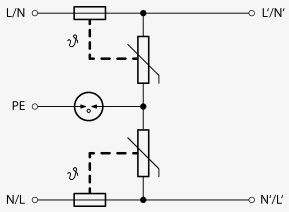
- surge protection especially for LED lights
- installation close to protected equipment in LV power circuits
- also for equipment in external part of building with low exposure level (according to IEEE C62.41.2)



Product dimensions



Basic circuit diagram



Parameter name		Parameter value
Type of SPD		T3
Mounting		installation box
Nominal voltage	U_n	230.00 V AC
Maximum operating voltage	U_c	320.00 V AC
Nominal load current	I_L	5.000 A
Maximum overcurrent protection		B 16 A
Short-circuit current rating	I_{SCCR}	1.5 kA
Nominal discharge current (8/20 µs) L-N	I_n	3.00 kA
Nominal discharge current (8/20 µs) L+N-PE	I_n	5.00 kA
Nominal discharge current (8/20 µs) N-PE	I_n	3.00 kA
Test voltage L-N	U_{oc}	6.0 kV
Test voltage L+N-PE	U_{oc}	10.0 kV
Test voltage L-PE	U_{oc}	6.0 kV
Test voltage N-PE	U_{oc}	6.0 kV
Voltage protection level mode L-N	U_p	1.50 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
Fault indication		loss of voltage
Remote indication		potential open contact
Maximum current of signalling		1.00 A
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		85363010
EAN		8595090567400
Order number		A06740