

LED Surge Protective Device

Surge Protective Devices can be installed in an electrical switchboard and prevents the spread of spikes and transients in electrical installations and protect the loads.

Application

LED Surge Protective Device are suitable for:

- > street lighting
- > outdoor lighting



Advantages:

- Maximize the lifetime of outdoor lighting products
- Suitable for insulation Class I & Class II luminaires
- Long lifetime
- Provides high surge protection for all lighting technologies

ADVANTAGES OF ELECTROSTART

- EU Based Company
- Long experience in the field of Lighting and components
- Experience with customers in more than 40 countries
- Excellent Customer Service
- Projects based on Customer needs
- Products manufactured in EU
- Warranty on most products 5 Years

Electrical characteristics

Supply voltage	100-277VAC
Frequency	50/60 Hz
Max. continuous operating voltage	280VAC 50/60Hz

Uc (L-N, LN-GND)	up to 280VAC > 0.95
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Protection

Protection mode	Diff. mode & Comm. mode
Type of surge protection device according IEC/EN 61643-11	T2, T3, T2&T3
Ingress protection	IP 20, IP67
Power grids	TNC, TNC-S, TNS, TT
Max. voltage protection at In&Imax	
Up(L-N)/(LN-GND)	2kV
Insulation Class	Class I, Class II

Connections and body

Wiring	3 wires x 16AWG (Line, Neutral, PE/GND) 5 wires x 16AWG (Lin, Lo, Nin, No, PE/GND) Terminal block & PE/GND
Fixing screw type	M8x10
Material of body	Plastic

Working conditions

Operating ambient temperature (Ta)	-30~70°C
Highest temperature point (Tc)	80°C
Storage conditions	-30~80°C
Relative humidity	5%~85%
	Non-condensing

Warranty conditions

Lifespan at Tc < 85°C	Up to 100 000 h according strikes
Warranty	3 Y/5 Y according strikes and Tc

