



Nightscaping® Lightning Protection Device

Surge Protection Series

The Nightscaping® Lightning Protection Device is a Type 1 device, designed for outdoor applications. Engineered for both AC and DC electric systems, it protects both magnetic and electronic power supplies and LED/ Incandescent luminaires without interfering with the GFP protection circuit, it provides protection to service panels, load centers or where the Lightning Protection Device is directly connected to the electronic device(s) requiring protection.

Note: Maximum protection will only be achieved if the Lightning Protection Device is properly installed. Please read the Lightning Protection Device installation manual carefully and follow the instructions.

The Nightscaping® Lightning Protection Device provides maximum protection by reducing the clamping voltage to a safe voltage that your system can sustain without damaging any of the electrical components. Installing the Nightscaping® Lightning Protection Device will provide excellent protection and peace of mind for many years to come.

Features

ETL Listed

UL 1449 Type 1 Compliant

80 KA at 8/20 Pulse

Waterproof

Blue LED Indicator When "ON"

1/2" NPT Thread - Fits Standard Ground Stake

Protects Unlimited Number Of Luminaires

Proudly Designed & Made In Arlington, WA, USA

Other features

NOMINAL VOLTAGE: 0 to 90VAC & 0 to 115VDC

MCOV VRMS @ 1mA: 180V (162-198)

CLAMP V @ 100A CURRENT 8/20 PULSE: 295V

ENERGY ABSORPTION: 1120J (Full Device)

OPERATING TEMPERATURE: -40°C To +85°C

NOMINAL DISCHARGE CURRENT: 20kA

THERMAL DISCONNECTOR: Internal

RESPONSE TIME: <15n sec



DANGER: Electrical shock or burn hazard. Installation of this Lightning Protection Device should only be done by qualified personnel. Failure to lockout electrical power during installation or maintenance can result in fatal electrocution or severe burns.



CAUTION: This unit must be installed in accordance with the National Electrical Code (ANSI/NFPA-70) and applicable local codes.



CAUTION: Ungrounded power systems are inherently unstable and can allow excessively high line-to-ground voltages during certain fault conditions. During these fault conditions any electrical equipment, including a Lightning Protection Device, may be subjected to voltages which exceed their designed ratings. This information is being provided to the user so that an informed decision can be made before installing any electrical equipment on an ungrounded power system.

Please note Ground Rod Electrode (GRE) not included with NSPD. Refer to NEC code for length of GRE.

Nightscaping®
SINCE 1959

