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Surge
Protector Unit

Application

Most light failures are a result of external events such as voltage surges and voltage spikes produced by lightning strikes or arcing. Our Surge Protector Unit is designed to protect heliport and obstruction lighting systems by utilizing a high quality 70kA suppressor to shunt unwanted transients to ground.

Features

- Superior transient surge protection for lighting systems.
- Tolerates up to 70kA surge currents.
- Improves reliability and reduces maintenance of lighting systems.
- Surge protector meets IEC, UL, CSA and RoHS standards.

Specifications

Enclosure:

- Made of steel for durability and grounding ability.
- Swinging door with lock.
- Meets NEMA 4, IEC, UL, and CSA standards.
- Water and corrosion resistant.

Power Supply:

- Convert various loads to 24 VDC.

Switch:

- 2 position for ON/OFF.
- Indicator light illuminates when in "ON" position.
- UL Certified.

Surge Protector:

- Tolerates surges up to 70kA.
- Load rating: 10A.
- Runs normally with connected load.
- Meets IEC, UL, CSA and RoHS standards.

Circuit Breaker:

- 10kA minimum interruptive rating per NEC standards.
- CSA and IEC Certified.
- Manual ON/OFF switch.
- Rated from -25°C to 40°C (-13°F to 104°F), derated after 40°C.

Shipping Information:

- Unpackaged weight: 10 lb. (4.5 kg)
- Shipping weight: 12 lb. (5.4 kg)
- Overall dimensions: 10" x 8" x 4" (25cm x 20cm x 10cm)
- Shipping dimensions: 15" x 15" x 10" (38cm x 38cm x 25cm)

Ordering Codes

Model #	Input
FL-81041	120 VAC
FL-81042	240 VAC

Note: Customer must provide load.



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Visit our web site: www.flightlight.com