



DTK-HL480 480VAC Light Pole Surge Protector

DITEK's DTK-HL480 Surge Protective Device (SPD) is designed to protect 480VAC single phase highway lighting systems. Its series configuration and oversized ground wire allow optimal response to surges and spikes, offering the best protection for overhead lights.

The DTK-HL480 protects up to 30 Amp, 480VAC electrical power for highway lights, making it suitable for use on single or multiple-lamp poles. Sealed components and waterproof construction allow it to be mounted in any outdoor location.



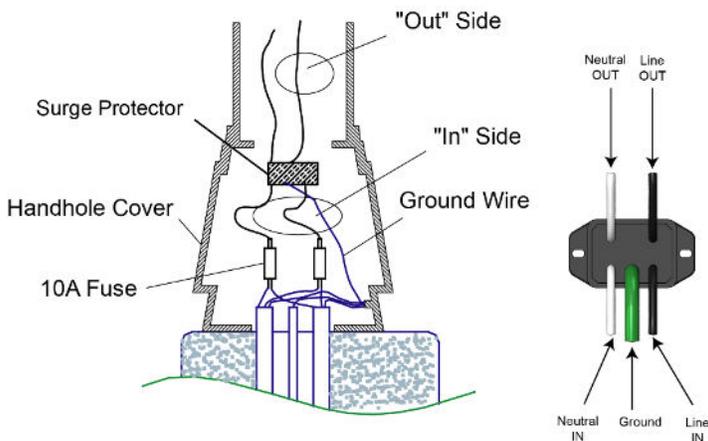
Product Features

- Series connections optimize protection response
- Protects 480 VAC single phase power
- Compact size and potted enclosure ensure installation flexibility

Applications

- Highway Lighting Systems

Wiring Diagram



Technical Specifications

Voltage Configuration:	480VAC Single Phase (2W + G)
MCOV:	550VAC
Protection Modes:	L-G, N-G
Clamping Voltage:	910V
Surge Current Rating:	27,000A
Max. Continuous Current:	30A
Operation Frequency:	50/60Hz

Mechanical Specifications

Connection Method:	#10 AWG (Line & Neutral), #6 AWG (G), 12" (30.5 cm) wiring leads
Housing:	ABS, Potted
Dimensions:	3.0" L X 1.6" W X 1.1" H (76.2 mm X 40.6 mm X 28 mm)
Weight:	0.5 lb (.23 kg)

Quality Standards & Approvals

Standards Compliance:	IEEE Category C
Warranty:	10 Year Limited Warranty

