



DTK-HL480

Series-Connected Highway Light Pole Surge Protective Device General Product Specifications

DITEK's DTK-HL480 SPD is designed to protect 480 VAC highway lighting systems. Its series configuration and oversized ground wire allow optimal response to surges for best protection of overhead lights.

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



DTK-HL480

Product Features

- Series connections optimize protection response
- Protects 480 VAC single phase power
- Compact size and NEMA 4X enclosure ensure installation flexibility
- Ten Year Limited Warranty

Specifications

IEEE Location Category: Category C
Protector Type: Series configuration
System Voltage: 480 VAC Single Phase (2 L, 2 N, G)
MCOV: 550 VAC
Maximum Continuous Current: 30 Amps
Peak Surge Current: 27,000 Amps
Peak Energy: 720 Joules, 2ms Pulse
Protection Modes: L-G, N-G
1mA Clamping Level: 910V
V.P.R.: 1,900V (IEEE C1 Impulse, 8x20 μ s, 6kV, 3kA)
Operating Frequency: 40Hz – 400Hz
Connection: #10 AWG (Line & Neutral), #6 AWG (G),
12" (30.5cm) wiring leads
Dimensions: 1.1"H x 3.0"W x 1.6"D
(28mm x 76.2mm x 40.6mm)
Weight: 0.5lb. (.227g)
Housing: NEMA 4X ABS, weatherproof