



DTK-MRJPOE

Power Over Ethernet Power/Video/Data Surge Protection General Product Specifications

DITEK's MRJPOE protects circuits that use state-of-the-art Power Over Ethernet connections. This point of use surge protector can be installed either at the equipment end or ahead of injectors or midspan devices. The DTK-MRJPOE is ideal surge protection for PoE DVRs, NVRs, cameras, telephones and access control systems.



DTK-MRJPOE

Product Features

- Protects power, video and data on fixed or PTZ cameras
- RJ45 connection with external grounding screw
- Ethernet data speed without signal degradation
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Complies with IEEE Std. 802.3af and 802.3at for PoE
- Available as a single device or 12-Port, 2U Rack Mount (DTK-RM12POE)
- PoE Plus ready for high-wattage applications
- Ten Year Limited Warranty

Specifications

Agency Approvals: UL497B*

*MRJPOE: UL Listed; MRJPOEB: UL Compliant

Connection Method: RJ45 In/Out

Pinout: All 8 pins are protected

Data Rate: 100mbps (100Base-T)

Max Continuous Current: 1.5 Amps

Dissipation: 3,000W/pair (10/1000µs impulse)

Protection Modes: Line-Ground (All)

Operating Temperature: -40°F - 158°F (-40°C - 70°C)

Maximum Humidity: 95% non-condensing

Dimensions: 1.7" x 3.0" x 1.2"

(43mm x 76mm x 30mm)

Weight: 4oz (113g)

Housing: ABS

Performance Data

| | DTK-MRJPOE | DTK-MRJPOEB |
|---------------------------|------------|--|
| Service Voltage | 48V | 48V (pins 4,5 & 7,8) 14V (pins 1,2 & 3,6) |
| MCOV | 64V | 64V (pins 4,5 & 7,8) 24V (pins 1,2 & 3,6) |
| Clamp Voltage | 72V | 72V (pins 4,5 & 7,8) 28V (pins 1,2 & 3,6) |
| Peak Surge Current | 30A/pair | 30A/pair |

