



DTK-RM12POE

Rack Mount Power Over Ethernet Surge Protection General Product Specifications



DITEK's RM12POE protects circuits that use state-of-the-art Power Over Ethernet connections. This 12-port, 2U Rack Mount surge protector is designed to protect midspans, injectors, PoE hubs, and other PoE network equipment. The DTK-RM12POE is ideal surge protection for PoE Network Video Recorders, Voice over IP (VoIP) systems, or any other multi-port system requiring power and data.

DTK-RM12POE

Product Features

- 12 port, RJ45 In / Out connection
- Field-replaceable individual modules
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- 10/100 Ethernet data speed without signal degradation
- Complies with IEEE Std. 802.3af and 802.3at for Power Over Ethernet
- High wattage PoE Plus compliant

Specifications

Connection Method: RJ45 In/Out, 8 pins, 12 ports

Pinout: Data & Power – All 8 Pins (4 pairs)

Max Continuous Current: 1.5A

Data Rate: 100mbps (100Base-T)

Power 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: 3.5" x 19.0" x 3.0"

Weight: 2.2 lb.

Housing: Steel

Warranty: Ten Year Limited Warranty

Performance Data

	DTK-RM12POE	DTK-RM12POEB
Service Voltage	48V – 54V	48V – 54V (pins 4,5 & 7,8) 5V – 24V (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) 28.4V (pins 1,2 & 3,6)
Peak Surge Current	30A/pair	30A/pair

