

DTK-RM12POES

Rack Mount Shielded Gigabit Ethernet Surge Protection



DITEK's DTK-RM12POES is designed with state-of-the-art circuitry to provide superior protection for Shielded Power over Ethernet connections. This 12-port, 1U Rack Mount surge protector is ideal for installations where multiple Ethernet cabling feeds require protection before entering network switches. Its multi-stage, hybrid design provides superior protection for all your Power over Ethernet devices.

Product Features

- Uses SAD and GDT technologies
- Individual field-replaceable modules with Shielded RJ45 connections
- Provides grounding to remote devices when using STP cabling
- Gigabit Ethernet data speed without signal degradation
- Compatible with CAT5e, CAT6 and CAT6A cabling infrastructure
- Complies with IEEE Std. 802.3af and 802.3at for Power Over Ethernet
- PoE Plus, HiPoE ready for high-wattage applications

Applications

- Network Switches, NVR's
- Midspans, Injectors, PoE Hubs
- Power over Ethernet Devices
- VoIP Systems

Accessories

- Field replaceable module – DTK-RM12PSM

Category	Max Data Transmission Speed	Max Bandwidth	Typical Distance
CAT3	10 Mbps	16 MHz	100 m
CAT5	10 / 100 Mbps	100 MHz	100 m
CAT5e	1 Gbps	100 MHz	100 m
CAT6	1 Gbps	250 MHz	100 m
CAT6A	10 Gbps	500 MHz	100 m

Technical Specifications

Service Voltage:	48V
MCOV:	64V
Clamping Voltage:	72V
Protection Modes:	Line-Ground (All) Line-Line (All)
Surge Current Rating:	20kA/Pair
Max. Continuous Current:	1.5A
Power Handling:	144 Watts
Data Rate:	1000 Mbps

Mechanical Characteristics

Connection Method:	Shielded RJ45 In/Out, 12 ports
Housing:	Galvanneal
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	19"L x 2.75"W x 1.75"H (483mm x 70mm x 45mm)
Weight:	1.67lb (.76kg)

Quality, Standards & Approval

Agency Approvals:	UL497B
Standards Compliance:	CAT5e, EIA/TIA568A, EIA/TIA568B
Warranty:	Ten Year Limited Warranty

* Cabling information obtained from TIA-568-C.2

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