



DTK-RM12POE

Rack Mount Power over Ethernet Surge Protector



DITEK's DTK-RM12POE protects power, video and data circuits that use state-of-the-art Power over Ethernet connections. This 12-channel, 1U rack mount surge protector is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure, and is ideal for installations where multiple Ethernet cabling feeds require protection before entering network switches.

Product Features

- Hybrid design utilizing SAD and GDT technologies for optimal protection
- Supports data speeds up to 10GbE without signal degradation
- RJ45 female connections with external grounding screw
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

Applications

- Network Switches, NVR's
- Midspans, Injectors, PoE Hubs
- Audio Video Over IP Systems
- Access Control
- PoE Lighting

Accessories

- Field-replaceable module, p/n DTK-RM12POEM

Technical Specifications

Service Voltage:	<60V
Protection Modes:	Common (All), Differential (All)
Clamping Voltage:	Common Mode: 75V Differential Mode: 7.22V
Surge Current Rating:	20kA / Pair
Power Handling:	Up to 144 Watts
Data Rate:	Up to 10GbE

Mechanical Specifications

Connection Method:	RJ45 Female In/Out
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 (483 mm x 70 mm x 45 mm)
Weight:	1.6 7 lb (0.76 kg)

Quality Standards & Approvals

Certifications:	UL497B
Standards Compliance:	CAT5e, EIA/TIA 568A, EIA/TIA 568B
Warranty:	10 Year Limited Warranty

IEEE PoE Standard	Wattage	Compatible
802.3af	15.4 W	Yes
802.3at	30 W	Yes
802.3bt Type 3	60 W	Yes
802.3bt Type 4	100 W	Yes

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