



DTK-RM12NETS Rack Mount Network Surge Protector



DITEK's **DTK-RM12NETS** is a 12-channel, 1U rack mount surge protector that uses state-of-the-art circuitry to provide best-in-breed surge protection for Ethernet, PoE and optional PoE Extender circuits. It supports data speeds up to 10GbE, and provides surge protection grounding to remote devices when used with STP cabling. The DTK-RM12NETS 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
- Robust 20kA per pair surge current rating
- Rapid-Replacement modular design allows modules to be swapped from front of device without removing from rack
- Additional modules can be added to support up to 24-channels
- Complies with all IEEE Power over Ethernet standards

Applications

- Network Switches, NVR's, PoE Hubs
- Midspans, Injectors, VoIP Systems
- Audio Video Over IP Systems
- Ethernet & PoE Devices, PoE Extenders

Accessories

- Mix and match rapid-replacement modules to protect Ethernet, PoE and PoE Extender circuits within the same rack mount housing
 - DTK-NETMS – For Ethernet & PoE Circuits
 - DTK-EXTMS – For PoE Extender Circuits

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:	Shielded 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:	3.75 lb (1.70 g)

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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