DTK-RM24EXTS

Rack Mount PoE Extender Surge Protector



DITEK's DTK-RM24EXTS is a 24-channel, 1U rack mount surge protector that uses state-of-the-art circuitry to provide optimal surge protection for PoE extender circuits and Cisco UPOE switches. It is ideal for installations where multiple Ethernet cabling feeds require protection before entering network switches.

PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- Supports Ethernet speeds up to 10GbE without signal degradation
- Rapid-Replacement modular design
- Compatible with all IEEE Power over Ethernet standards
- UL 497B listed

APPLICATIONS

- Long Range PoE Extenders
- Cisco UPOE/UPOE+

ACCESSORIES

- Replacement Modules
  DTK-NETMS – Ethernet & PoE Circuits
  DTK-EXTMS – PoE Extender Circuits

TECHNICAL SPECIFICATIONS	
Service Voltage:	<60Vdc
Protection Modes:	Differential Mode (Line-Line) Common Mode (Line-Ground)
Clamping Voltage:	Differential Mode: 72V Common Mode: 75V
Surge Current Rating:	20kA per pair
Power Handling:	144 watts
Data Rate:	10GbE

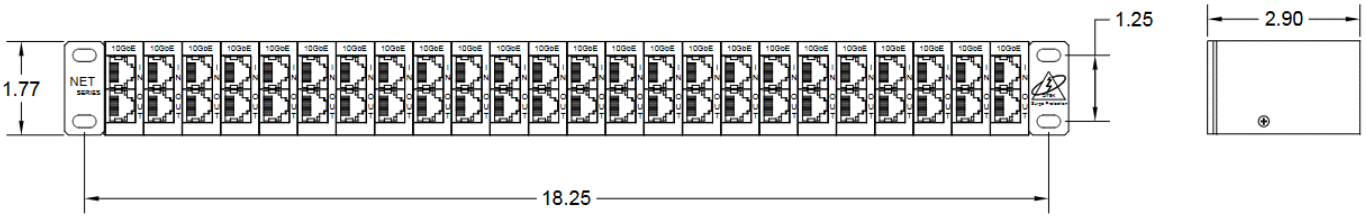
DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100093-003 Rev 7 04/26

Every precaution has been taken to ensure that this is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

DTK-RM24EXTS

Rack Mount PoE Extender Surge Protector

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



MECHANICAL SPECIFICATIONS	
Connection Method:	Shielded RJ45 Female In/Out
Housing:	Galvanized Steel
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	19 in. L x 2.9 in. W x 1.77 in. H (483 mm x 74 mm x 45 mm)
Weight:	4.4 lbs. (2 kg)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 497B
Standards Compliance:	ANSI/TIA-568, RoHS, CE
Warranty:	10 Year Limited Warranty

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100093-003 Rev 7 04/26

Every precaution has been taken to ensure that this is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.