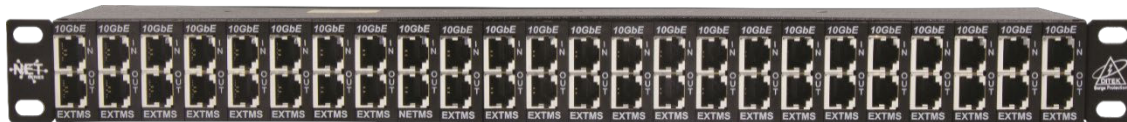




# DTK-RM24EXTS

## Rack Mount PoE Extender Surge Protector



DITEK's **DTK-RM24EXTS** is a 24-channel, 1U rack mount surge protector designed with state-of-the-art circuitry to provide superior protection for Power over Ethernet Extender circuits. It supports data speeds up to 10GbE, and provides surge protection grounding to remote devices when used with STP cabling. The DTK-RM24EXTS is ideal for installations using long range PoE extender equipment.

### 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
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

### Applications

- Long Range 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

<b>Service Voltage:</b>	<60V
<b>Protection Modes:</b>	Common (All), Differential (All)
<b>Clamping Voltage:</b>	Common Mode: 75V Differential Mode: 72V
<b>Surge Current Rating:</b>	20kA / Pair
<b>Power Handling:</b>	Up to 144 Watts
<b>Data Rate:</b>	Up to 10GbE

### Mechanical Specifications

<b>Connection Method:</b>	Shielded RJ45 Female In/Out
<b>Housing:</b>	Galvanneal
<b>Operating Temperature:</b>	-40°F – 158°F (-40°C – 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	19" L X 2.75" W x 1.75" H (483 mm x 70 mm x 45 mm)
<b>Weight:</b>	4.35 lb (1.97 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL497B
<b>Standards Compliance:</b>	CAT5e, EIA/TIA 568A, EIA/TIA 568B
<b>Warranty:</b>	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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