



## DTK-WM8EXTS

### Wall Mount PoE Extender Surge Protector

DITEK's **DTK-WM8EXTS** is an 8-channel, wall mount surge protector that uses state-of-the-art circuitry to provide best-in-breed surge protection for PoE extender circuits. It supports data speeds up to 10GbE, and provides surge protection grounding to remote devices when used with shielded twisted pair (STP) cabling. The DTK-WM8EXTS is ideal for smaller installations where Ethernet cabling feeds require protection before entering PoE extender devices.



#### Product Features

- Hybrid design utilizing SAD and GDT technologies for optimal protection
- Robust 20kA per pair surge current rating
- Rapid-Replacement modular design
- 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>	ABS
<b>Operating Temperature:</b>	-40°F – 158°F (-40°C – 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	7.60" L X 2.96" W x 2.36" H (193 mm x 75 mm x 60 mm)
<b>Weight:</b>	16 oz (0.45 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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