



DTK-MRJEXTS PoE Extender Surge Protector

DITEK's **DTK-MRJEXTS** is designed with state-of-the-art circuitry to provide superior protection for Power over Ethernet Extender Circuits. This point of use surge protector is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure, and is designed to be installed on the outputs of long range PoE extender devices. When used with STP cabling, the DTK-MRJEXTS does not require a separate earth ground.



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

- Long Range PoE Extenders

Accessories

- DIN Rail Mounting Kit, p/n DTK-DRK

Technical Specifications

Service Voltage:	<60V
Protection Modes:	Common (All), Differential (All)
Clamping Voltage:	Common Mode: 75V Differential Mode: 72V
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:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.0" L X 1.7" W x 1.2" H (76 mm x 43 mm x 30 mm)
Weight:	4 oz (113 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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