DTK-MRJEXTS

Power over Ethernet Extender Surge Protector

DITEK's DTK-MRJEXTS protects circuits that use state-of-the-art Power over Ethernet extender technology. This point of use surge protector is compatible with Cat5e, Cat6 or Cat6A cabling infrastructure and can be installed either at the endpoint adapter or ahead of PoE extender equipment. Its multi-stage, hybrid design provides superior protection for PoE extender applications.



PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- Supports Ethernet speeds up to 10GbE without signal degradation
- Shielded RJ45 female connections with external grounding screw
- Complies with all IEEE Power over Ethernet standards
- UL 497B listed

APPLICATIONS

- Long range PoE Extenders
- Cisco UPOE/UPOE+

ACCESSORIES

- DIN Rail Mounting Kit, P/N DTK-DRK

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-100042-014 Rev 7 04/26

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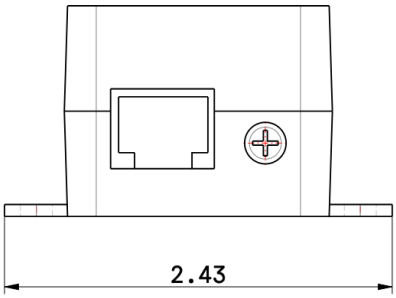
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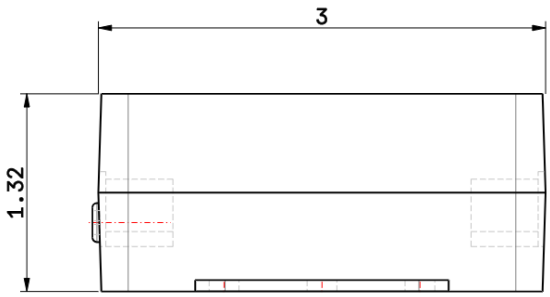
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IEEE PoE STANDARD	WATTAGE	COMPATIBLE
802.3af	15.4 W	Yes
802.3at	30 W	Yes
802.3bt Type 3	60 W	Yes
802.3bt Type 4	100 W	Yes





MECHANICAL SPECIFICATIONS	
Connection Method:	Shielded RJ45 Female In/Out
Housing:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.0 in. L X 2.43 in. W x 1.32 in. H (76 mm x 62 mm x 34 mm)
Weight:	3.2 oz (91g)

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

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