DTK-MRJPOEX

Outdoor Power over Ethernet Surge Protector

DITEK's DTK-MRJPOEX provides superior protection for externally-mounted Power over Ethernet devices. The NEMA 4X polycarbonate enclosure and liquid-tight cord grips provide weatherproof connections for outdoor installations. Its multi-stage, hybrid design provides superior protection for PoE applications. The DTK-MRJPOEX is compatible with Cat5e, Cat6 and Cat6A cabling infrastructure.



PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- NEMA 4X polycarbonate weatherproof enclosure
- Supports Ethernet speeds up to 10GbE without signal degradation
- Shielded RJ45 female connections with optional internal grounding screw
- UL 497B listed

APPLICATIONS

- Outdoor PoE IP Cameras
- Wireless Access Points
- Access Control
- PoE Lighting
- Outdoor Ethernet Equipment

ACCESSORIES

- Replacement Module, P/N DTK-MRJPOEXM

TECHNICAL SPECIFICATIONS	
Service Voltage:	<60Vdc
Protection Modes:	Differential Mode (Line-Line) Common Mode (Line-Ground)
Clamping Voltage:	Differential Mode: 7.22V Common Mode: 75V
Surge Current Rating:	20kA per pair
Power Handling:	144 watts
Data Rate:	10GbE

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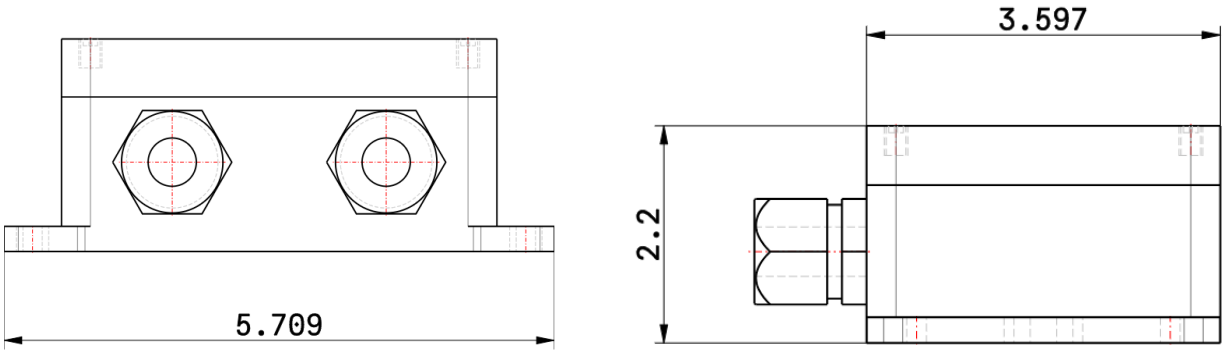
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IEEE PoE STANDARD	WATTAGE	COMPATIBLE
802.3af	15.4 W	Yes
802.3at	30 W	Yes
802.3bt Type 3	60 W	Yes
802.3bt Type 4	100 W	Yes



MECHANICAL SPECIFICATIONS	
Connection Method:	Shielded RJ45 Female In/Out
Housing:	NEMA Type 4X polycarbonate
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	5.71 in. L x 3.6 in. W x 2.2 in. H (145 mm x 92 mm x 56 mm)
Weight:	10.4 oz (295 g)

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

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100042-010 Rev 11 04/26

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