



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 enclosure and Liquid-Tight Cordgrips provide watertight connections for outdoor installations. The DTK-MRJPOEX is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure, and when used with shielded twisted pair (STP) cabling, it does not require a separate earth ground.



Product Features

- Hybrid design utilizing SAD and GDT technologies for optimal protection
- NEMA 4X weatherproof enclosure
- Supports data speeds up to 10GbE without signal degradation
- RJ45 female connections with optional internal grounding screw
- Field-replaceable surge protection module
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

Applications

- Outdoor Ethernet Equipment
- PoE Cameras
- Wireless Access Points
- Power over Ethernet Devices
- PoE Lighting

Accessories

- Field-replaceable module, p/n DTK-MRJPOEXM

Technical Specifications

Service Voltage:	<60V
Protection Modes:	Common (All), Differential (All)
Clamping Voltage:	Common Mode: 75V Differential Mode: 7.22V
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:	Polycarbonate, NEMA 4X
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	5.71" L X 3.60" W x 2.17" H (145 mm x 91.4 mm x 55 mm)
Weight:	8 oz (228 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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