



DTK-MRJPOES Power over Ethernet Surge Protector

DITEK's DTK-MRJPOES protects circuits that use state-of-the-art Power over Ethernet connections. This point of use surge protector is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure; and can be installed either at the equipment end, or ahead of injectors or network switches. Its multi-stage, hybrid design provides superior protection for PoE applications. When used with shielded twisted pair (STP) cabling, the DTK-MRJPOES 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

- PoE IP Camera, NVR's
- Wireless Access Points
- Audio/Video Touch Pads and Screens
- Access Control
- PoE Lighting

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: 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:	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
Certifications:	FDOT APL# 620-004-009
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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