



## DTK-MRJETHS Network Surge Protector

DITEK's DTK-MRJETHS protects data lines feeding vital business equipment. Its voltage clamping level is ideal for protecting sensitive Ethernet circuits. The DTK-MRJETHS is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure, and is suitable for use on any non-PoE networked equipment. When used with STP cabling, the DTK-MRJETHS 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
- UL497B Listed

### Applications

- Data Networks
- POS Terminals

### Accessories

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

### Technical Specifications

<b>Service Voltage:</b>	<5V
<b>Protection Modes:</b>	Common (All), Differential (All)
<b>Clamping Voltage:</b>	Common Mode: 75V Differential Mode: 6.4V
<b>Surge Current Rating:</b>	20kA / Pair
<b>Power Handling:</b>	Up to 144 Watts
<b>Data Rate:</b>	Up to 10GbE

### Mechanical Specifications

<b>Connection Method:</b>	Shielded RJ45 Female In/Out
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-40°F – 158°F (-40°C – 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	3.0" L X 1.7" W x 1.2" H (76 mm x 43 mm x 30 mm)
<b>Weight:</b>	4 oz (113 g)

### Quality Standards & Approvals

<b>Certifications:</b>	UL497B
<b>Standards Compliance:</b>	CAT5e, EIA/TIA 568A, EIA/TIA 568B
<b>Warranty:</b>	10 Year Limited Warranty

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