



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

| | |
|------------------------------|---------------------------------------------|
| Service Voltage: | <5V |
| Protection Modes: | Common (All), Differential (All) |
| Clamping Voltage: | Common Mode: 75V Differential Mode: 6.4V |
| 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 |
| Warranty: | 10 Year Limited Warranty |



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