# DTK-RM12NETS

Rack Mount Network Surge Protector



**DITEK's DTK-RM12NETS** is a 12-channel, 1U rack mount surge protector that uses state-of-the-art circuitry to provide optimal surge protection for Ethernet, PoE and optional PoE extender circuits. It is ideal for installations where multiple Ethernet cabling feeds require protection before entering network switches.

## PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- Supports Ethernet speeds up to 10GbE without signal degradation
- Rapid-Replacement modular design
- Additional modules can be added to support up to 24 channels
- UL 497B listed

## APPLICATIONS

- PoE Network Switches
- Wireless Access Points
- NVRs
- Access Control
- PoE Lighting

## ACCESSORIES

- Replacement Modules
  - DTK-NETMS – Ethernet & PoE Circuits
  - DTK-EXTMS – PoE Extender Circuits

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

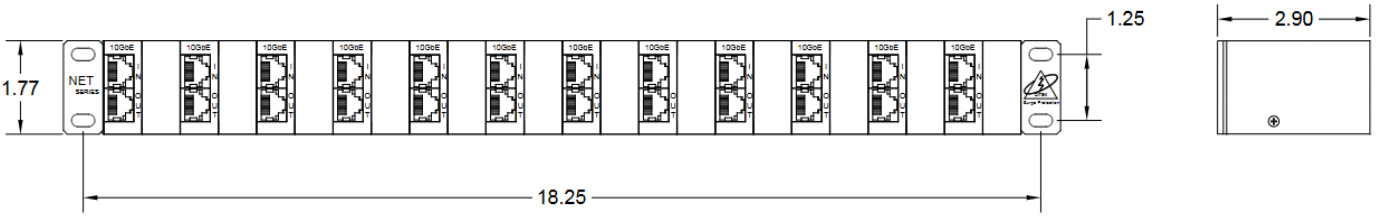
**DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345**
**Diteksurgeprotection.com • SPS-100092-003 Rev 9 04/26**

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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: | Galvanized Steel |
| Operating Temperature: | -40°F – 158°F (-40°C – 70°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 19 in. L x 2.9 in. W x 1.77 in. H<br>(483 mm x 74 mm x 45 mm) |
| Weight: | 3.8 lbs. (1.72 kg) |

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

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