



# DTK-PVP56V

## Power over Ethernet & 56V Power Surge Protector

DITEK's **DTK-PVP56V** is designed to protect applications utilizing IP/Power over Ethernet along with separate DC power sources. It offers low impedance video/data protection and includes two pairs of protection for circuits providing 48-56VDC power to PoE injectors and industrial hardened PoE network switches.



### Product Features

- Supports data speeds up to 10GbE without signal degradation
- Two pairs of power protection rated at 6 Amps per pair to protect 48V-56V power circuits
- RJ45 female connections with external grounding screw
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

### Applications

- PoE Applications Utilizing Copper/Fiber Composite Cable
- Hardened Switch Applications

### Accessories

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

### Technical Specifications

<b>Service Voltage:</b>	<60V Data, 56V Power
<b>MCOV:</b>	64V Data, 66V Power
<b>Clamping Voltage:</b>	Power-Common Mode: 82V Data-Common Mode: 72V Data-Differential Mode: 7.22V
<b>Surge Current Rating:</b>	20kA / Pair Data 2kA / Pair Power
<b>Max Continuous Current:</b>	6A (Power)
<b>Power Handling:</b>	Up to 144 Watts (Data)
<b>Data Rate:</b>	Up to 10GbE

### Mechanical Specifications

<b>Connection Method:</b>	Shielded RJ45 Female In/Out Screw Terminals – 14 AWG max
<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>	4.2" L X 3.36" W x 1.85" H (107 mm x 85 mm x 47 mm)
<b>Weight:</b>	5 oz (141 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

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

