



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

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

Mechanical Specifications

Connection Method:	Shielded RJ45 Female In/Out Screw Terminals – 14 AWG max
Housing:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.2" L X 3.36" W x 1.85" H (107 mm x 85 mm x 47 mm)
Weight:	5 oz (141 g)

Quality Standards & Approvals

Certifications:	UL497B
Standards Compliance:	CAT5e, EIA/TIA 568A, EIA/TIA 568B
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

