DTK-PVP56V

Power over Ethernet & 56V Surge Protector



DITEK's DTK-PVP56V is designed to protect applications utilizing 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 PoE network switches. The DTK-PVP56V is compatible with Cat5e, Cat6 and Cat6A cabling infrastructure, and provides optimum protection for power and data circuits.

PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- Supports Ethernet speeds up to 10GbE without signal degradation
- Shielded RJ45 female connections with external grounding screw
- Protects (2) pairs of 48-56Vdc power
- UL 497B listed

APPLICATIONS

- Fiber to PoE Media Converters
- Copper/Fiber Composite Cable
- Industrial PoE Switches

ACCESSORIES

- DIN Rail Mounting Kit, P/N DTK-DRK

TECHNICAL SPECIFICATIONS		
	PoE	**Power**
Service Voltage:	<60Vdc	48-56Vdc
Clamping Voltage:	Differential: 7.22V Common: 75V	72V
Surge Current Rating:	20kA per pair	20kA per pair
Power Handling:	144 watts	6 amps
Protection Modes:	Differential Mode (Line-Line) Common (Line-Ground)	
Data Rate:	10GbE	

DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345
Diteksurgeprotection.com • SPS-100091-021 Rev 4 04/26

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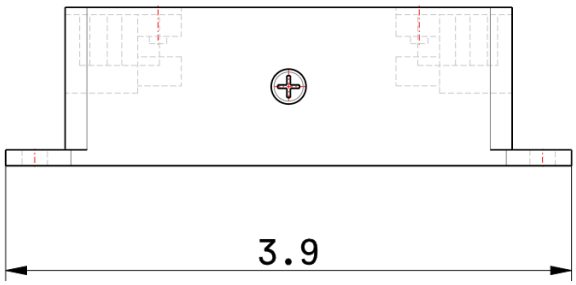
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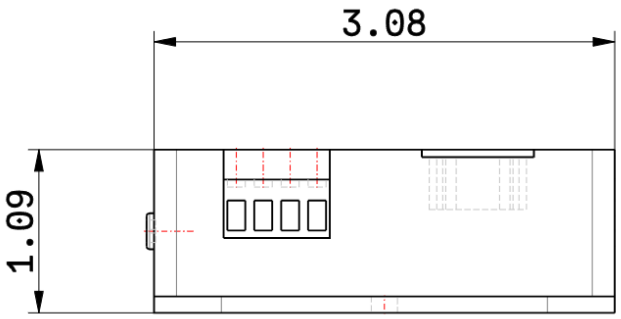
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IEEE PoE STANDARD	WATTAGE	COMPATIBLE
802.3af	15.4 W	Yes
802.3at	30 W	Yes
802.3bt Type 3	60 W	Yes
802.3bt Type 4	100 W	Yes





MECHANICAL SPECIFICATIONS	
Connection Method:	Shielded RJ45 Female In/Out Screw terminals 30-14 AWG
Housing:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.9 in. L x 3.08 in. W x 1.09 in. H (99 mm x 78 mm x 28 mm)
Weight:	5.6 oz (159g)

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

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