DTK-CAT6A Series
10 Gigabit Ethernet Surge Protection

DITEK's CAT6A Surge Protective Devices (SPD's) are specifically designed for the demanding requirements of today's network infrastructure. Available with 110-to-110 and 110-to-RJ connections; they provide maximum protection for IP and PoE circuits transmitting video and/or data over CAT5e, CAT6 or CAT6A cable. DITEK's CAT6A products are suitable for use on all network connected equipment.

Product Features

- Primary protector for communications circuits
- Available with 110-Shielded RJ connections
- Compatible with CAT5E, CAT6 and CAT6A circuits
- Protects all four pairs
- Multi-stage SAD technology with hybrid design provides the best possible protection
- Automatically resets to protect against multiple surges

Applications

- Data Networks
- IP Video Cameras
- Point of Sale Terminals
- Wireless Access Points

Accessories

- DIN Rail Mounting Kit – Part Number DTK-DRK

Technical Specifications

Part Numbers:	DTK-110C6A DTK-110RJC6A	DTK-110C6APOE DTK-110RJC6APOE
Service Voltage:	0-12V	48V
MCOV:	18V	64V
Clamping Voltage:	21.6V	72V
Protection Modes:	Line-Ground (All)	
Surge Current Rating:	100A /pair (10/1000 µs)	30A /pair (10/1000 µs)
Max Continuous Current:	0.4A/pair	
Data Rate:	10 Gigabit Ethernet	

Mechanical Characteristics

Connection Method:	110C6A/110C6APOE: 110-to-110 110RJC6A/110RJC6APOE: 110-to-RJ
Housing:	ABS
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	5.4"L x 3.3"W x 1.3"H (137mm x 84mm x 33mm)
Weight:	7.2 oz. (202 g)

Quality, Standards & Approval

Agency Approvals:	UL497, UL497B
Standards Compliance:	CAT6A, TIA-568-C.2
Warranty:	Ten Year Limited Warranty