



# CAT6A Series

## 10 Gigabit Ethernet Surge Protection General Product Specifications

DITEK's CAT6A Surge Protective Devices (SPD's) are specifically designed for the demanding requirements of today's CAT6A infrastructure. They provide maximum protection for IP and PoE circuits transmitting video and/or data over CAT6 or CAT6A cable. The CAT6A Series is suitable for use on data networks, IP Video cameras, Point of Sale Terminals, and any other piece of networked equipment.



DTK-110C6APOE

### DTK-110C6A/DTK-110C6APOE

#### Product Features

- Protects all four pairs
- Compatible with CAT5E, CAT6 and CAT6A circuits.
- Termination method: 110 Punch Down In/Out
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Automatically resets to protect against multiple surges
- Ten Year Limited Warranty

#### Specifications

**Standards Compliance:** CAT6A, TIA-568-C.2

**Data rate:** 10 Gigabit Ethernet

**Max Continuous Current:** 1.5A/pair

**Protection Modes:** Line-Ground (All)

**Operating Temperature:** -40°F - 158°F  
(-40°C - 70°C)

**Maximum Humidity:** 95% non-condensing

**Dimensions:** 4.2" x 3.25" x 1.75"  
(107mm x 83mm x 44mm)

**Weight:** 5.0 oz (141 g)

**Housing:** ABS

#### Performance Data

Model Number	Typical Service Voltage	Clamping Voltage	MCOV	Peak Surge Current (10/1000µs)
DTK-110C6A	0-12 Volts	21.6 Volts	18 Volts	100A/pair
DTK-110C6APOE	48 Volts	72 Volts	64 Volts	30A/pair

