



## DTK-4TPV

### Twisted Pair Video Camera Surge Protector



DITEK's DTK-4TPV video surge protector addresses a key vulnerability of Twisted Pair Video CCTV systems – the video wire. Lacking even the minimal amount of protection that a shielded coaxial line has, Twisted Pair Video (TPV) systems are vulnerable to surges entering on the unshielded video wiring, potentially damaging sensitive video equipment. The DTK-4TPV protects against such occurrences.

#### Product Features

- Protects up to four video lines
- Suitable for use at the camera, converter or DVR
- Single point ground improves protection and speeds installation

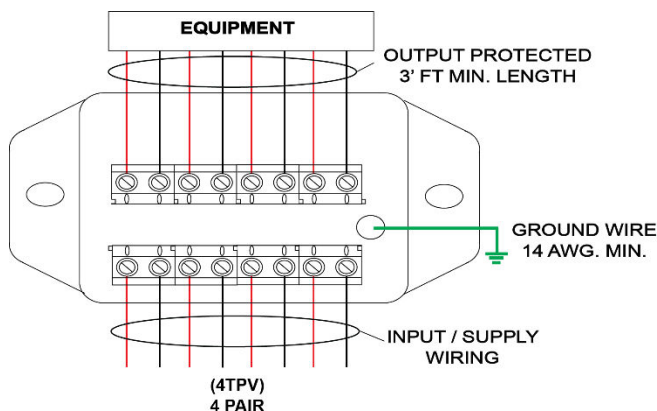
#### Applications

- Twisted Pair Video Circuits
- Converters
- Digital video Recorders (DVRs)

#### Accessories

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

#### Wiring Diagram



#### Technical Specifications

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Service Voltage:</b>         | 5V                                 |
| <b>Protection Modes:</b>        | Transmit (+) - G, Transmit (-) - G |
| <b>Clamping Voltage:</b>        | 6.8VDC                             |
| <b>Surge Current Rating:</b>    | 120A / Pair                        |
| <b>Max. Continuous Current:</b> | 150mA                              |
| <b>Operation Frequency:</b>     | 0Hz – 10MHz                        |
| <b>Insertion Loss:</b>          | <0.5dB @ 10MHz                     |

#### Mechanical Specifications

|                               |   |
|-------------------------------|---|
| <b>Connection Method:</b>     | Hardwired terminals: 22-16 AWG                      |
| <b>Housing:</b>               | ABS   |
| <b>Operating Temperature:</b> | -40°F – 176°F (-40°C – 80°C)                        |
| <b>Dimensions:</b>            | 3.0" L x 1.6" W x 1.6" H<br>(76 mm x 41 mm x 41 mm) |
| <b>Weight:</b>                | 0.55 lb (250 g)                                     |

#### Quality Standards & Approvals

|                  |                          |
|------------------|--------------------------|
| <b>Warranty:</b> | 10 Year Limited Warranty |
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