



DTK-PVP27B Series Fixed Camera Surge Protectors



DTK-PVP27B DTK-PVP27BP DTK-PVP27TPV

DITEK's DTK-PVP27B Series protects all sensitive feeds to fixed cameras, not just the video cable. Simple to install, the PVP27B series protects 12 or 24 Volt power conductors and video conductors in one compact design. With the lowest video let through voltage on the market, the PVP27B provides ideal surge protection for today's sensitive, high-quality fixed cameras.

Product Features

- Each compact design protects power and video conductors
- 5 Amp, 12/24V circuit protects power feeds to camera, heater, blower, defroster
- Single point ground improves protection and speeds installation
- DTK-PVP27BP includes passive Balun conversion

Applications

- HD-CVI, AHD and HD-TVI Cameras
- Fixed Analog Cameras with Coax
 - DTK-PVP27B
- Twisted Pair Video
 - DTK-PVP27BTPV
- Passive Balun Connections
 - DTK-PVP27BP

Accessories

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

Technical Specifications

| DTK-PVP27 | B | BP | BTPV |
|--------------------------------------|---|-----------------------------|------------|
| Service Voltage (Power): | 12V or 24V AC/DC | | |
| Service Voltage (Video): | 2Vpp | <5Vpp | 2Vpp |
| Clamping Voltage: | 33VAC / 47DVC (Power), 2.8VDC (Video) | | |
| Protection Modes: | Common Mode L-G (Power) Center-Shield, Shield-Ground (Video) | | |
| Surge Current Rating (Power): | 2,000A | | |
| Surge Current Rating (Video): | C-S 10,000A | 114A | |
| Video Band Pass: | 0Hz – 10MHz | 0Hz – 8MHz | 0Hz – 2GHz |
| Insertion Loss: | N/A | <2dB – 8MHz | N/A |
| Return Loss: | N/A | >15dB – 8MHz | N/A |
| Impedance: | N/A | 75Ω BNC/100Ω Terminal | N/A |
| Common Mode Rejection: | N/A | >40dB @ 8MHz | N/A |

Mechanical Specifications

| | | | |
|---------------------------------|--|--|---------------------|
| Connection Method Power: | Hardwired terminals: 22 - 14 AWG | | |
| Connection Method Video: | BNC Female | BNC Female | Hardwired terminals |
| Housing: | ABS | | |
| Operating Temperature: | -40°F - 158°F (-40°C - 70°C) | | |
| Dimensions: | 3.86" L x 2.09" W x 1.37" H (98 mm x 53 mm x 35 mm) | 3.86" L x 2.09" W x 1.59" H (98 mm x 53 mm x 40 mm) | |
| Weight: | 2.56 oz (73 g) | | |

Quality Standards & Approvals

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|------------------------|--------------------------|
| Certifications: | UL497B |
| Warranty: | 10 Year Limited Warranty |

