



# DTK-4LVLP CR, DTK-3LVLPX

## Card Reader Surge Protection General Product Specifications

The DTK-4LVLP CR and 3LVLPX are designed to protect various types of card readers. The 4LVLP CR protects power, data and LED circuits in one compact package; the 3LVLPX is designed to protect Wiegand and Wiegand-type 12 Volt, three-pair card reader systems.



DTK-4LVLP CR

### DTK-4LVLP CR

### DTK-3LVLPX

#### Application Features

- Series connection, parallel function adds no resistance to loop circuits
- Protect 3 or 4 pairs of power/data connections
- Protect power, LED and data lines (4LVLP CR)
- Single ground point for all protected circuits

#### Specifications

**Connection Method:** #22-#16 AWG screw terminals

**Agency Approvals – 3LVLPX:** UL497B

**Max Continuous Current:** 3 Amps Power/Data  
150mA LED  
5 Amps (3LVLPX)

**Max Surge Current:** 2,000 Amps per pair (Power)  
500 Amps per pair (Data/LED)  
2,000 Amps/pair (3LVLPX)

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

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

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

**Dimensions:** 1.6”H x 3.0”W x 1.6”D  
(41mm x 76mm x 41mm)

**Weight:** 4oz (113g)

**Housing:** ABS

**Warranty:** Ten Year Limited Warranty

**Accessories:** DIN Rail Kit – Part Number DTK-DRK

#### Selection Guide

**DTK- 4LVLP CR:** Card Reader Protection  
(12V Power, 24V Power)

**DTK-3LVLPX:** Wiegand-Type Card Reader Protection  
(3 pairs, 12-14V)

#### Performance Data

Model	DTK-4LVLP CR	DTK-3LVLPX
<b>Service Voltage – Power</b>	12V / 24V	12V
<b>MCOV – Power</b>	18V / 38V	18V
<b>Clamping Voltage – Power</b>	22V / 47V	22V
<b>Service Voltage – Data</b>	<5V	12V
<b>MCOV – Data</b>	6.8V	18V
<b>Clamping Voltage – Data</b>	7.2V	22V
<b>Service Voltage – LED</b>	<5V	N/A
<b>MCOV – LED</b>	8V	N/A
<b>Clamping Voltage – LED</b>	12V	N/A

