DTK-4LVLPCR, DTK-3LVLPX

Card Reader Surge Protection
General Product Specifications

The DTK-4LVLPCR and 3LVLPX are designed to protect various types of card readers. The 4LVLPCR 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-4LVLPCR

DTK-4LVLPCR **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 (4LVLPCR)
- 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- 4LVLPCR: Card Reader Protection
(12V Power, 24V Power)
DTK-3LVLPX: Wiegand-Type Card Reader Protection
(3 pairs, 12-14V)

Performance Data

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

ISO 9001-2000 CERTIFIED Quality Manufacturer

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