

DTK-4LVLPCR, DTK-3LVLPX

Card Reader Surge Protection



DTK-4LVLPCR

Product 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

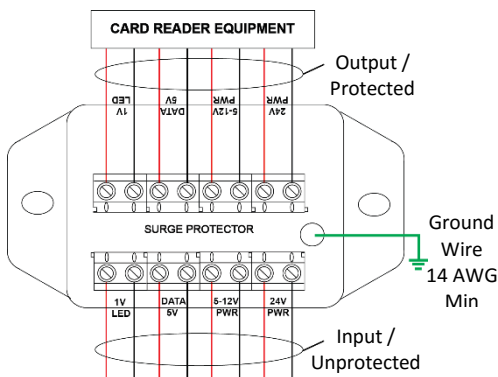
Selection Guide:

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

Accessories

- DIN Rail Kit – Part Number DTK-DRK

DTK-4LVLPCR Wiring Diagram



DITEK's 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.

Technical Specifications

Part Number:	DTK-4LVLPCR	DTK-3LVLPX
Service Voltage Power:	12V/24V	12V
Service Voltage Data:	<5V	12V
Service Voltage LED:	<5V	N/A
MCOV Power:	18V/38V	18V
MCOV Data:	6.8V	18V
MCOV LED:	8V	N/A
Clamping Voltage Power:	22V/47V	22V
Clamping Voltage Data:	7.2V	22V
Clamping Voltage LED:	12V	N/A
Protection Modes:	Line-Ground (All)	Line-Ground (All)
Surge Current Rating:	(Power) 2,000 Amps/pair (Data/LED) 500 Amps/pair	2,000 Amps/pair
Max Continuous Current:	3 Amps Power/Data 150mA LED	3 Amps

Mechanical Characteristics

Connection Method:	#22-#16 AWG screw terminals
Housing:	ABS
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	3.0"L x 1.6"W x 1.6"H (76 mm x 41 mm x 41 mm)
Weight:	4oz (113g)

Quality, Standards & Approval

Agency Approvals:	N/A	UL497B
Standards Compliance:	ABS	
Warranty:	Ten Year Limited	

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