

# DTK-LVLP Series

Data, Signaling and Loop Circuit Surge Protection



DTK-4LVLPX

DTK-2LVLPV

## Product Features

- Protect 1, 2, 4 or 8 pairs to match your specific configuration needs
- Series connection, parallel function adds no resistance to loop circuits
- Five voltage levels available to protect all types of data/signaling applications
- "SCP" models provide automatic resetting fuse and sneak current protection

## Applications

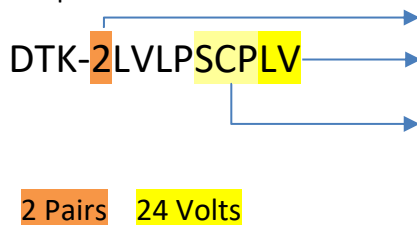
- 4-20mA Current Loops
- Alarm Panel NAC, SLC, PIV and IDC Loops
- Burglar Alarm Panels
- Speakers and Phones

## Accessories

- DIN Rail Kit (DTK-DRK)

## Selection Guide

Example: DTK-2LVLPSCPLV



**DITEK's DTK-LVLP Series** of data, signaling and loop circuit surge protectors provide strong protection in a compact hard-wired package. Models are available to protect multiple low voltage pairs, and are suitable for both AC and DC circuits. LVLAWG models can handle #14-#10 AWG wiring connections.

## Technical Specifications

<b>Protection Modes:</b>	Line-Ground (All)
<b>Surge Current Rating:</b>	2,000 Amps per pair (5V – 48V) 9,000 Amps per pair (75V – 130V)
<b>Max. Continuous Current:</b>	5 Amps, 0.15 Amps (SCP)

## Mechanical Characteristics

<b>Connection Method:</b>	Screw Terminals : #22 - #16 AWG (LVLP), #14 - #10 AWG (LVLAWG)
<b>Housing:</b>	ABS
<b>Operating Temperature:</b>	-40°F - 158°F (-40°C - 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions (1LVL – 4LVL):</b>	3.0L x 1.6"W x 1.6"H (76mm x 41mm x 41mm)
<b>Dimensions (8LVL):</b>	4.8"L x 2.3"W x 1.5 "H (122mm x 58mm x 35mm)
<b>Weight:</b>	2.4 oz (68g)

## Quality, Standards & Approval

<b>Agency Approvals:</b>	UL497A, UL497B
<b>Warranty:</b>	Ten Year Limited Warranty

VOLTAGE LEVEL	D	X	LV	OPX	RUV
<b>Pairs Available:</b>	2, 4	1, 2, 3, 4	1, 2, 4, 8	2, 4	2, 4
<b>Service Voltage:</b>	5V	12V	24V	48V	130V
<b>Sneak Current Protection Available? (SCP):</b>	Yes	Yes	Yes	No	Yes
<b>MCOV:</b>	8VDC	18VDC	38VDC	66VDC	175VDC
<b>Clamping Voltage:</b>	12V	22V	47V	82V	204V

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