

DTK-LVLP Series

Voice, Data and Signaling Circuit Surge Protection



DTK-4LVLPD

DTK-2LVLPLV

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
- Seven voltage levels available to protect all types of voice/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-2LVLPLV

DTK-2LVLPLV

2 Pairs 24 Volts

VOLTAGE LEVEL	D	X	LV	OPX	SPK	SGR	RUV
Pairs Available:	2, 4, 8	1, 2, 3, 4	1, 2, 4, 8	2, 4	2, 4	2	2, 4
Service Voltage:	5V	12V	24V	48V	75V	95V	130V
MCOV:	8VDC	18VDC	38VDC	66VDC	102VDC	127VDC	175VDC
Clamping Voltage:	12V	22V	47V	82V	120V	150V	204V

DITEK's DTK-LVLP Low Voltage Line Protector series of signal, data and loop circuit surge protectors provide strong protection in a compact hard wired package. Models are available to protect up to 8 pairs. LVLAWG models can handle #14-#10 AWG wiring connections. Both are suitable for AC and DC circuits.

Technical Specifications

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

Mechanical Characteristics

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

Quality, Standards & Approval

Agency Approvals:	UL497A, UL497B
Warranty:	Ten Year Limited Warranty

Every precaution has been taken to ensure that this literature is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.



Power Door Products

(914) 698-5083

www.PowerDoorProducts.com

