TK-LVLP Series

/oice, Data and Signaling Circuit Surge Protection







DTK-2LVLPLV

DTK-4LVLPX

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-2LVLPSCPLV





24 Volts

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 : #22 - #16 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			
Dimensions (1212 4212):	(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		

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

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.

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