



DTK-LVLP Series Low Voltage Surge Protectors

DITEK's DTK-LVLP Series of low voltage surge protectors provide robust protection in a compact, hardwired package. Models are available to protect multiple low voltage pairs, and are suitable for both AC and DC circuits. LVLAWG models can handle up to 10 AWG wiring connections.



Product Features

- Protect up to (4) pairs per module to match your specific configuration needs
- Series connection, parallel function adds no resistance to loop circuits
- Five voltage levels available to protect various low voltage applications
- "SCP" models provide an automatic resetting fuse and sneak current protection

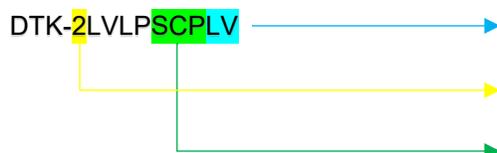
Applications

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

Accessories

- DIN RAIL Mounting Kit, p/n DTK-DRK

Part Number Example (2-Pairs, 24V):



Technical Specifications

Protection Modes:	Common Mode (L-G)
Surge Current Rating:	2,000A (5V – 48V models) 9,000A (75V – 130V models)
Max. Continuous Current:	5A (150mA for "SCP" models)

Mechanical Specifications

Connection Method:	Hardwired 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:	3.0" L x 1.6" W x 1.6" H (76mm x 41mm x 41mm)
Weight:	2.4 oz (68 g)

Quality Standards & Approvals

Certifications:	UL497A, UL497B
Warranty:	10 Year Limited Warranty

Part Number Selection Guide

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

