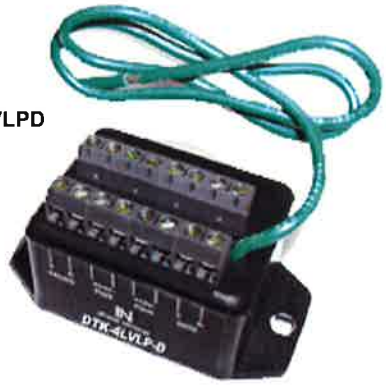
LVLP Series

Voice, Data and Signaling Circuit Surge Protection
General Product Specifications

DITEK's Low Voltage Line Protector series of signal, data and loop circuit surge protectors provide strong protection in a compact hard wire package. Applications include protection of 4-20mA current loops, alarm panel NAC, SLC and IDC loops, and burglar alarm panels. Models are available to protect up to 2 or 4 pairs. LVLAWG models can handle #14-#10 AWG wiring connections. Suitable for AC and DC circuits.



DTK-LVLP

Application Features

- Series connection, parallel function adds no resistance to loop circuits
- Protect 1, 2, 4 or 8 pairs to match your configuration needs
- Seven voltage levels available to protect all types of voice/data/loop applications
- "SCP" model provides automatically resetting fusing and sneak current protection

Selection Guide

DTK- # #LVL# # #

SAD-Based: "Z"
Number of Pairs:: 2 or 4
Wire Gauge: "P" for #22-16, "AWG" for #14-10
Sneak Current Protection: 150mA current, "SCP"
Voltage Level: D, X, LV, OPX, SPK, SGR, RUV
(see table below for voltage ranges)

Example: DTK-4LVLPSCPD
Example: DTK-2LVLAWGRUV
Note: Not all options are available. Contact your DITEK rep to confirm availability before ordering.

Specifications

Agency Approvals: UL497B, UL497A
Connection Method: #22-#16 AWG screw terminals (LVLP), #14-#10 AWG screw terminals (LVLAWG)
Max Continuous Current: 5 Amps, 0.15 Amps (-SCP)
Max Surge Current: 2,000 Amps per pair (6V-50V)
9,000 Amps per pair (75V-130V)
Protection Modes: Line-Ground (All)
Operating Temperature: -40°F - 158°F (-40°C - 70°C)
Maximum Humidity: 95% non-condensing
Dimensions: 2LVL-4LVL – 1.6"H x 3.0"W x 1.6"D
(41mm x 76mm x 41mm)
Weight: 2.4oz (68g)
Housing: ABS
Warranty: Ten Year Limited Warranty
Accessories: DIN Rail Kit – Part Number DTK-DRK

Performance Data

Model DTK-LVL#	Service Voltage	MCOV	Clamp Voltage
D	5 V	8V	12V
X	12 V	18V	22V
LV	24 V	38V	47V
OPX	48 V	66V	82V
SPK	75 V	102V	120V
SGR	95 V	127V	150V
RUV	130 V	175V	204V

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