



DTK-2LVLPF

Fire Alarm Panel 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.

The DTK-2LVLPF is specifically designed to protect 24V SLC loops into the alarm panel, preventing induced surges from damaging sensitive (and expensive) control boards. Its low-current fusing provides extra protection for sensitive fire alarm panels.



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Product Features

- Series connection, parallel function adds no resistance to loop circuits
- Protects 1 or 2 pairs of SLC loops
- Recommended for 'legacy' Fire Alarm Control Panels

Specifications

Agency Approvals: UL497B
Connection Method: #22-#10 AWG screw terminals
Max Continuous Current: 200 milliamps
Max Surge Current: 2,000 Amps per pair
Service Voltage: 24V
MCOV: 38V
Clamping Voltage: 47V
Protection Modes: Line-Ground (All)
Operating Temperature: -40°F - 158°F (-40°C - 70°C)
Maximum Humidity: 95% non-condensing
Dimensions: 1.6"H x 3.0"W x 1.6"D
(41mm x 76mm x 41mm)
Weight: 2.65oz (75g)
Housing: ABS
Warranty: Ten Year Limited Warranty
Accessories: DIN Rail Kit – Part Number DTK-DRK

NOTE:

The DTK-2LVLPF was designed to protect first generation Fire-Lite Fire Alarm Control Panels where current limiting was required.

DITEK recommends the DTK-2MHLP product line to protect all fire alarm control panel installations where the loop current may exceed 200mA.

