



DTK-2MHLP

Voice, Data and Signaling Circuit Modular Surge Protection General Product Specifications

DITEK's 2MHLP series of signal, data and loop circuit surge protectors provide robust protection in a compact package. Designed for ease of installation, with convenient field-replaceable modules, the **2MHLP** protects two circuit pairs per module. Applications include protection of 4-20mA current loops, alarm panel NAC, SLC and IDC loops, and burglar alarm panels. The DTK-2MHLP is suitable for use on AC and DC circuits.



DTK-2MHLP

Product Features

- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Hard-wire mounting base
- Field replaceable, hot swappable, modular edge card connection design
- Seven voltage levels available to protect all types of voice/data applications
- Two pairs protected per module; when used with mounting base (DTK-MB) modules can be ganged to protect up to ten pairs with a common ground
- Ten Year Limited Warranty

Specifications

Agency Approvals: UL497B

Connection Method – Module: Edge card into DTK-MB mounting base

Base: 10AWG max screw terminals

Max Continuous Current: 5 Amps

Max Surge Current: 20kA

Data Rate: 200kbps (5v) to 2Mbps (130V)

Protection Modes: Line-Ground (All)

Operating Temperature: -40°F - 158°F (-40°C - 70°C)

Maximum Humidity: 95% non-condensing

Dimensions

– **Module:** 1.9”H x 2.1”W x 1.4”D
(48mm x 53mm x 36mm)

– **Module with Base:** 2.6”H x 3.25”W x 1.5”D
(66mm x 83mm x 38mm)

Weight: 1.2 oz (34g) without base;
2.8 oz(79g) with base

Housing: ABS

Selection Guide

Example: DTK-2MHLP24BWB

DTK-2MHLP___B___

Select Voltage: 5, 12, 24, 36, 48, 75

WB: 2MHLP with Single Mounting Base

DTK-MB10: Hardwire mounting base

DTK-MBV: Horizontal wiring across base

Multiple module mounting bases available separately (DTK-MB, DTK-2MB, DTK-3MB, DTK-4MB, DTK-5MB)

Example: (3) DTK-2MHLP36B + (1) DTK-3MB

Performance Data

Model DTK- 2MHLP	Service Voltage	MCOV	Typical Let Through Voltage
5B	0-5 Volts	5 Volts	6.8 V
12B	12 Volts	18 Volts	21.6 V
24B	24 Volts	33 Volts	39 V
36B	36 Volts	48 Volts	57 V
48B	48 Volts	64 Volts	76 V
75B	75 Volts	90 Volts	108 V

