



# 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.

### DTK-2MHLP

#### Application 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

#### Product Features

**Agency Approvals:** UL497B

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

**Base:** 12AWG 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)

#### Dimensions

– **Module:** 1.6”H x 2.1”W x 1.6” x 1.0”D  
(41mm x 53mm x 25mm)

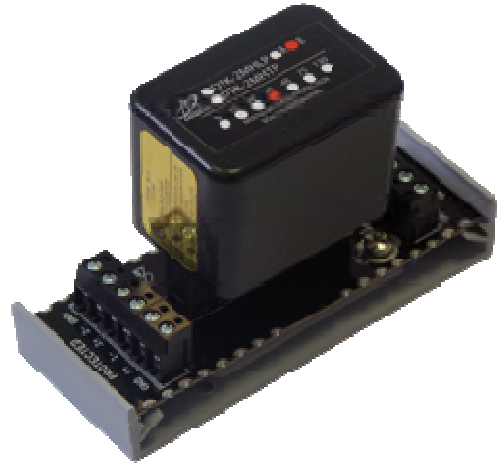
– **Module with Base:** 1.75”H x 4.5”W x 3.00”D  
(45mm x 114mm x 76mm)

**Weight:** .6 oz (18g) without base;

1.2 oz (36g) with base

**Housing:** ABS

**Warranty:** Ten Year Limited Warranty



#### 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-XB10:** Compact hardwire mounting 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 VDC	5 VDC	6.8 V
12B	12 VDC	18 VDC	21.6 V
24B	24 VDC	33 VDC	39 V
36B	36 VDC	48 VDC	57 V
48B	48 VDC	64 VDC	76 V
75B	75 VDC	90 VDC	108 V

