



# 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:** 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)

**Maximum Humidity:** 95% non-condensing

#### 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

#### Selection Guide

Example: DTK-2MHLP24BW

**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
<b>5B</b>	0-5 Volts	5 Volts	6.8 V
<b>12B</b>	12 Volts	18 Volts	21.6 V
<b>24B</b>	24 Volts	33 Volts	39 V
<b>36B</b>	36 Volts	48 Volts	57 V
<b>48B</b>	48 Volts	64 Volts	76 V
<b>75B</b>	75 Volts	90 Volts	108 V

