

# DTK-2MHLPB Series

Voice, Data and Signaling Circuit Modular Surge Protection



DTK-2MHLP24B



DTK-2MHLP24BWB

## Product Features

- Protects two pairs per module
- Multi-stage, SAD technology, hybrid design, provides the best possible protection
- Field replaceable, modular edge card connection design with a single point ground for fast installation, saves time
- Six voltage levels available to protect all types of voice/data applications
- Hard-wired multi-base mounting system allows you to protect up to ten pairs with a common ground. See next page for base part numbers
- Suitable for use on both AC and DC circuits

## Applications

- Fire Alarm Panel NAC, SLC, PIV and IDC Circuits
- Burglar Alarm Panels NAC and IDC Circuits
- 4-20mA Current Loops

## Accessories

- To order Module with Base, add "WB" to end of part number
- Test Module Kit – Part Number DTK-2MHLPTM
- DIN Rail Mounting Kit – Part Number DTK-DRK

**DITEK's DTK-2MHLPB** series of signal, data and loop circuit surge protectors provide robust protection in a compact package. This series was designed for ease of installation, with convenient field-replaceable modules and a Snap-Track base system, allowing the installer to protect multiple circuits while utilizing a common ground point.

## Technical Specifications

DTK-2MHLP	5B	12B	24B	36B	48B	75B
Service Voltage:	5V	12V	24V	36V	48V	75V
MCOV:	6V	18V	33V	48V	64V	90V
Clamping Voltage:	6.8V	21.6V	39V	57V	76V	108V
Protection Modes:	Line-Ground (All)					
Surge Current Rating:	20,000 Amps					
Max Continuous Current:	5 Amps					
Data Rate:	200kbps to 2Mbps					

## Mechanical Characteristics

Base Connection Method:	10AWG max screw terminals	
Module Connection Method:	Edge card into mounting base	
Housing:	ABS	
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)	
Maximum Humidity:	95% non-condensing	
Dimensions:	Module 2.1"L x 1.4"W x 1.9"H (53mm x 36mm x 48mm)	Module with Base 3.25L" x 1.5"W x 2.6"H (83mm x 38mm x 66mm)
Weight:	1.2 oz (34g)	2.8 oz (79g)

## Quality, Standards & Approval

Agency Approvals:	UL497B
Warranty:	Ten Year Limited Warranty

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## Base Part Numbers and Dimensions

Part Number	# Pairs Protected	Dimensions
<b>DTK-MB10</b>	2	3.25"H x 1.50"W (82.5mm x 38.1mm)
<b>DTK-2MB</b>	4	3.25"H x 3.00"W (82.5mm x 76.2mm)
<b>DTK-3MB</b>	6	3.25"H x 4.50"W (82.5mm x 114.3mm)
<b>DTK-4MB</b>	8	3.25"H x 6.00"W (82.5mm x 152.4mm)
<b>DTK-5MB</b>	10	3.25"H x 7.50"W (82.5mm x 190.5mm)



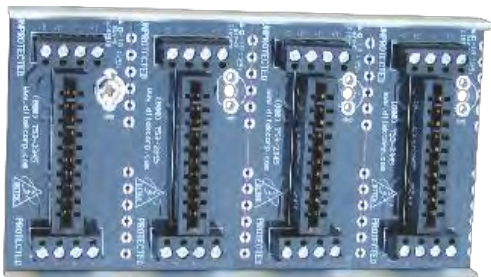
**DTK-MB10**



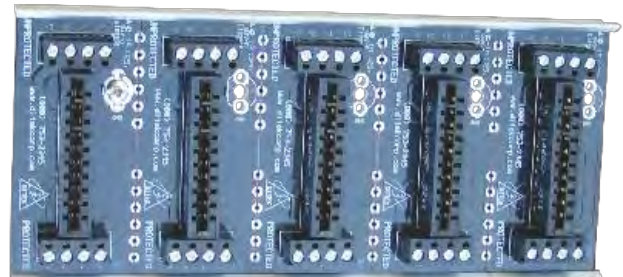
**DTK-2MB**



**DTK-3MB**



**DTK-4MB**



**DTK-5MB**