

DTK-2MHLPB Series

Voice, Data and Signaling Circuit Modular Surge Protection



DTK-2MHL24B



DTK-2MHL24BWB

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 3.25"L 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

Every precaution has been taken to ensure that this literature is accurate and complete. DITEK Corporation assumes no responsibility and disclaims all liability for damages resulting from the use of this information or for any errors or omissions.

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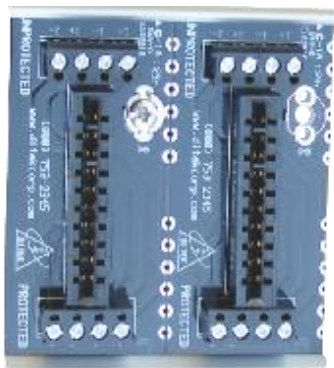


Base Part Numbers and Dimensions

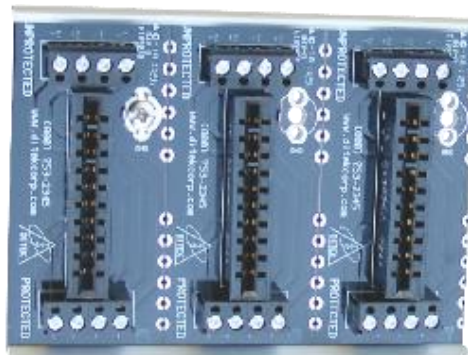
Part Number	# Pairs Protected	Dimensions
DTK-MB10	2	3.25"H x 1.50"W (82.5mm x 38.1mm)
DTK-2MB	4	3.25"H x 3.00"W (82.5mm x 76.2mm)
DTK-3MB	6	3.25"H x 4.50"W (82.5mm x 114.3mm)
DTK- 4MB	8	3.25"H x 6.00"W (82.5mm x 152.4mm)
DTK- 5MB	10	3.25"H x 7.50"W (82.5mm x 190.5mm)



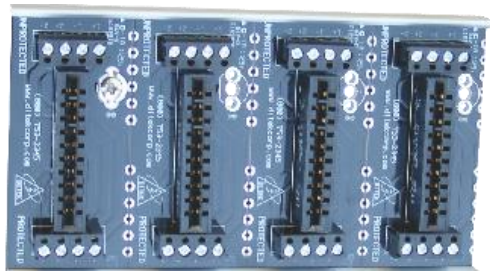
DTK-MB10



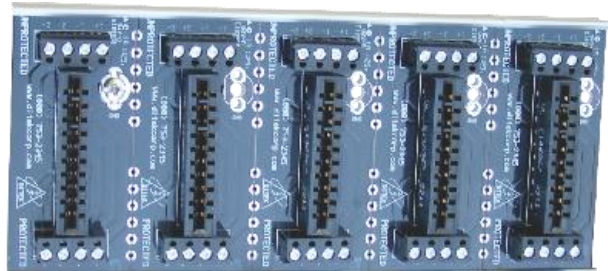
DTK-2MB



DTK-3MB



DTK-4MB



DTK-5MB