

DTK-2MHLPF Series

Signaling Circuit Modular Surge Protection



DTK-2MHL24F



DTK-2MHL24FWB

Product Features

- Protects two pairs per module
- Exclusive load removal feature
- 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

- Circuits that operate at less than 1 Amp
- Fire Alarm Panel SLC, PIV and IDC Circuits
- Burglar Alarm Panel 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-2MHLPF series of loop circuit surge protectors provide robust protection in a compact package. This series was designed to remove load instead of shorting to ground. Convenient field-replaceable modules offer ease of installation, and the Snap-Track base system allows installers to protect multiple circuits while utilizing a common ground point.

Technical Specifications

DTK-2MHLP	5F	12F	24F	36F	48F	75F
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 Raing:	20,000 Amps					
Max Continuous Current:	1 Amp					
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 1.4W 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

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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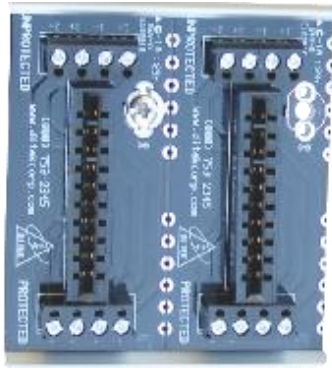


Base Part Numbers and Dimensions

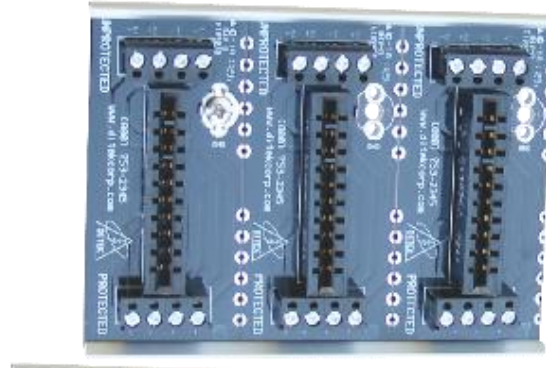
Part Number	# Pairs Protected	Dimensions
DTK-MB10	2	3.25"H x 1.50"W (82.5mm x 38.1mm)
DTK-2MB	4	3.25"H x 3.00"W (82.5mm x 76.2mm)
DTK-3MB	6	3.25"H x 4.50"W (82.5mm x 114.3mm)
DTK-4MB	8	3.25"H x 6.00"W (82.5mm x 152.4mm)
DTK-5MB	10	3.25"H x 7.50"W (82.5mm x 190.5mm)



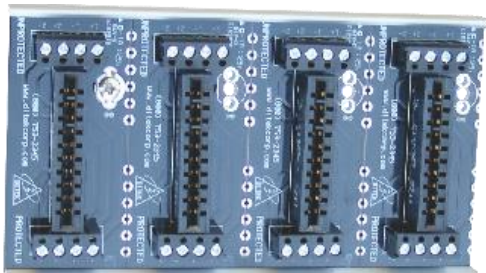
DTK-MB10



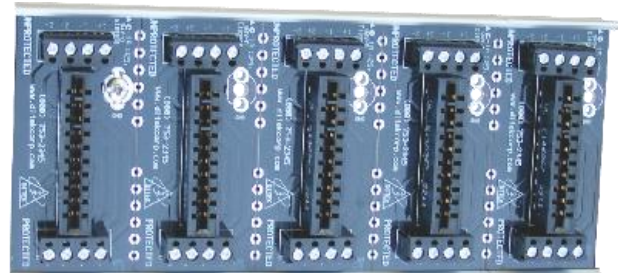
DTK-2MB



DTK-3MB



DTK-4MB



DTK-5MB