



DTK-2MHLPF Series Modular Low Voltage Surge Protectors

DITEK's DTK-2MHLPF Series of low voltage 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.



Product Features

- Protects (2) low voltage circuit pairs per module
- Hybrid design utilizing SAD and GDT technologies
- Opens circuit when compromised
- Field-replaceable modular design with single point ground for fast and easy installation
- Six voltage configurations available to protect various types of circuits
- Hardwired multi-base mounting system allows protection for up to (10) pairs with a common ground
- Suitable for use on both AC and DC low voltage circuits

Applications

- 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, p/n DTK-2MHLPTM

Technical Specifications

DTK-2MHLF	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:	Common Mode (L-G)					
Surge Current Rating:	20,000A					
Max. Continuous Current:	1A					
Failure Mode:	Open Circuit					

Mechanical Specifications

Base Connection Method:	Hardwired terminals, 30-12 AWG	
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 (53 mm x 36 mm x 48 mm)	Module with Base 3.25" L x 1.5" W x 2.6" H (83 mm x 38 mm x 66 mm)
Weight:	1.2 oz (34 g)	2.8 oz (79 g)

Quality Standards & Approvals

Certifications:	UL497B
Warranty:	10 Year Limited Warranty





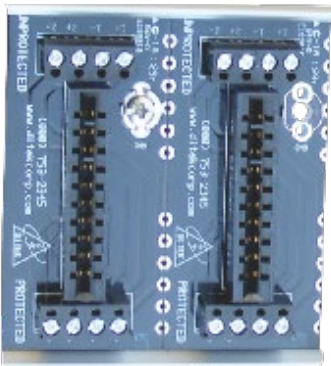
DTK-2MHLPF Series Signaling Circuit Modular Surge Protectors

Base Part Numbers and Dimensions

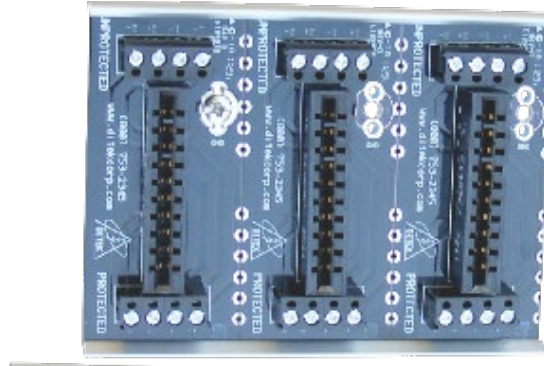
Part Number	# Pairs Protected	Dimensions
DTK-MB10	2	3.25" H x 1.50" W (82.5 mm x 38.1 mm)
DTK-2MB	4	3.25" H x 3.00" W (82.5 mm x 76.2 mm)
DTK-3MB	6	3.25" H x 4.50" W (82.5 mm x 114.3 mm)
DTK-4MB	8	3.25" H x 6.00" W (82.5 mm x 152.4 mm)
DTK-5MB	10	3.25" H x 7.50" W (82.5 mm x 190.5 mm)



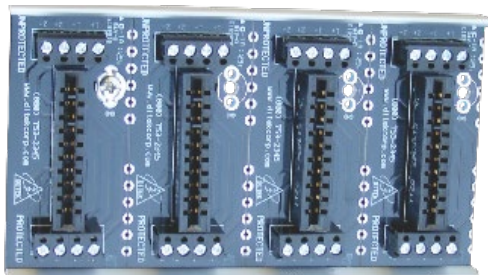
DTK-MB10



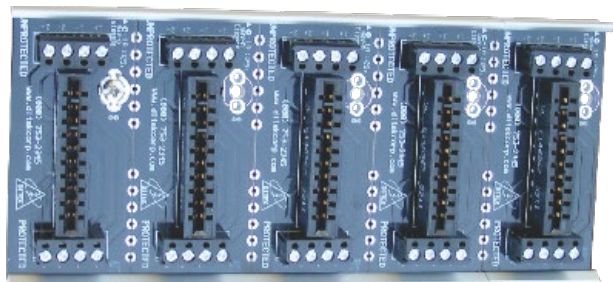
DTK-2MB



DTK-3MB



DTK-4MB



DTK-5MB