



DTK-DRB Series Low Voltage DIN Rail Surge Protectors

DITEK's DTK-DRB Series of low voltage DIN Rail surge protectors provide robust protection in a compact package. This series offers high-performance surge protection for critical low voltage applications within industrial and commercial environments. Removable protection module for easy serviceability.



DTK-DR24B

Product Features

- Protects (2) circuit pairs
- Field-replaceable protection module
- Hybrid design utilizing SAD and GDT technologies
- Shorts to ground when compromised
- Connection to ground via grounded DIN rail or the included grounding lug
- 35mm DIN Rail mounting configuration

Applications

- Industrial Control Panels
- UL508 Panel Manufacturing
- 4-20mA Current Loops
- Low Voltage Power Circuits
- RS485 Data Circuits
- 70V Audio Circuits

Accessories

- Replacement Module – Add “M” suffix

Technical Specifications

DTK-DR	5B	12B	24B	36B	48B	75B	130B
Service Voltage:	5V	12V	24V	36V	48V	75V	130V
MCOV:	6V	18V	33V	48V	64V	90V	140V
Clamping Voltage:	8V	21.6V	39V	57V	76V	108V	155V
Protection Modes:	Differential Mode (L-L) Common Mode (L-G)						
Surge Current Rating:	20,000A						
Maximum Continuous Current:	5 Amps						
Failure Mode:	Short to Ground						

Mechanical Specifications

Connection Method:	Hardwired terminals: 30 – 12 AWG
Mounting Method:	35mm DIN Rail
Housing:	ABS Plastic, UL94-V0, IP20
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.01" L x 0.48" W x 2.93" H (101.9 mm x 12.2 mm x 74.3 mm)
Weight:	2.3 oz (65 g)

Quality Standards & Approvals

Certifications:	UL497B, FDOT APL# 620-004-010
Warranty:	10 Year Limited Warranty

