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, and incorporates a removable protection module for easy serviceability.



PRODUCT FEATURES

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

APPLICATIONS

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

ACCESSORIES

- Replacement Module – Add "M" suffix to P/N

TECHNICAL SPECIFICATIONS							
DTK-DR	**5B**	**12B**	**24B**	**36B**	**48B**	**75B**	**130B**
Service Voltage:	5Vdc	12Vdc	24Vdc	36Vdc	48Vdc	75Vdc	130Vdc
MCOV:	6V	18V	33V	48V	64V	90V	140V
Clamping Voltage:	8V	22V	39V	57V	76V	108V	155V
Protection Modes:	Differential Mode (Line-Line) Common Mode (Line-Ground)						
Surge Current Rating:	20,000A						
Max. Continuous Current:	5 amps						
Failure Mode:	Short to ground						

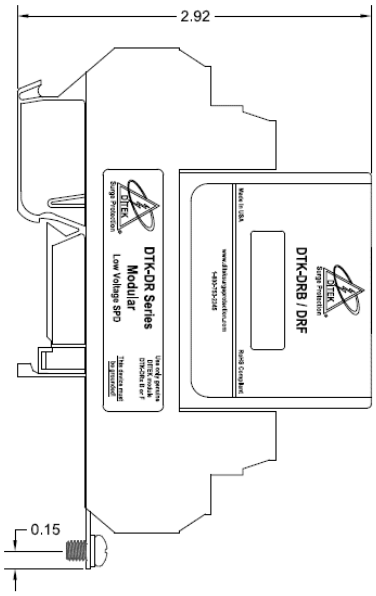
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Diteksurgeprotection.com • SPS-100094-002 Rev 7 04/26

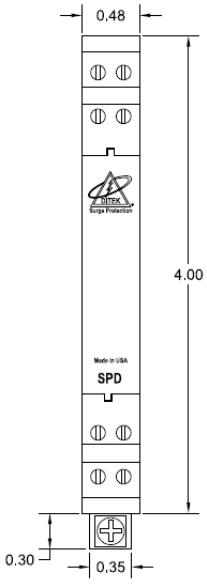
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MECHANICAL SPECIFICATIONS	
Connection Method:	Screw terminals 30-12 AWG
Mounting Method:	35mm DIN rail
Housing:	ABS, UL94-V0, IP20
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.0 in. L x 0.48 in. W x 2.92 in. H (102 mm x 12 mm x 74 mm)
Weight:	3.2 oz (91g)

SAFETY STANDARDS AND CERTIFICATIONS	
Certifications:	UL 497B
Standards Compliance:	RoHS
State Certifications:	FDOT APL# 620-004-010
Warranty:	10 Year Limited Warranty

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