

DC Surge Protector SPD I2R Indoor DIN-Rail
 48 Vdc, Full-Mode, 20 kA MOV, GDT

1104-16-100-1 I2R DTA Module



Features

- Replacement Module for I2R-DTA, 1101-1099

Applications

- Railroad Track Circuits

Description

DC surge protector (also known as SPD or lightning protector) 1104-16-100-1 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV, GDT technology to protect critical equipment that operates on a 48 Vdc electrical service. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector DC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		48		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			60	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV, GDT		
Surge Protection Modes		Signal to GND, Signal to Signal		
Response Time			25	ns
8/20µs Surge Current			20	kA
Nominal Discharge Surge Current (In)		10		kA

Mechanical Specifications

Size		
Height	1.76 in	[44.7 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Surge Protector SPD I2R Indoor DIN-Rail 48 Vdc, Full-Mode, 20 kA MOV, GDT 1104-16-100-1](#)

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Width	1.42 in	[36.07 mm]
Depth	2.09 in	[53.09 mm]
Housing Material and Plating	PA66-V630	

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C	
Storage Range	-40 to +85 deg C	
Humidity	95% non-condensing	

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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1104-16-100-1 CAD Drawing

