

DC Surge Protector SPD I2R Indoor DIN-Rail 600 Vdc, Single Mode, 40 kA MOV

1102-014-17
I2R SA500-40



Features

- SASD and MOV Protection Options
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- Replaceable Suppression Modules
- DIN-Rail Mount

Applications

- Industrial Automation
- Controls & Sense Loops
- Telecommunications Base Stations
- IT & Data Centers
- Wastewater Treatment
- Rail
- Oil & Gas
- LED Lighting

Description

DC surge protector (also known as SPD or lightning protector) 1102-014-17 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 600 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		600		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			750	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Surge Protection Modes		Supply to GND, RET to GND		
Response Time			25	ns
8/20 μ s Surge Current		20	40	kA

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 600 Vdc, Single Mode, 40 kA MOV 1102-014-17](#)

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Mechanical Specifications

Weight 0.3 lbs [136.08 g]

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Storage Range -40 to +85 deg C

Environmental Protection (IP) Rating IP20

Humidity 90% non-condensing

Installation

Mount Type DIN-Rail

Service Wiring Terminal

Compression Lug #10 to #4 AWG

Status Indication Terminal

3-Position Screw Terminal #22 to #16 AWG

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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