

AC Surge Protector SPD I2R DIN-Rail 120/208 Vac 3-Phase Wye MOV 40 kA

1102-014-40
I2R SA 120W



Features

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

Applications

- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals

Description

AC surge protector (also known as SPD or lightning protector) 1102-014-40 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 120/208 Vac 3-Phase Wye 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 AC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		120/208		Vac
Service Type		3-Phase Wye		
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac
L - G			150	Vac
N - G			150	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N, L-G, N-G		
8/20 μ s Surge Current			40	kA
Nominal Discharge Current Rating (In)		20		kA
Response Time			25	ns

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Mechanical Specifications

Size

Height	3.6 in	[91.44 mm]
Width	2.8 in	[71.12 mm]
Depth	2.7 in	[68.58 mm]
Weight	0.9 lbs	[408.23 g]

Environmental Specifications

Temperature Range (Operational)	-40 to +65 deg C
Environmental Protection Rating	IP 20
Humidity	90% non-condensing

Installation

Service Wiring Terminal	
Compression Lug	#4 to #10 AWG
Status Indication Terminal	
3-Position Screw Terminal	#16 to #22 AWG

Compliance Certifications

Certifications	IEEE Category C Low and C High
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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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [AC Surge Protector SPD I2R DIN-Rail 120/208 Vac 3-Phase Wye MOV 40 kA 1102-014-40](https://www.transtector.com/ac-surge-protector-spd-i2r-din-rail-1102-014-40)

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