

AC Surge Protector SPD I2R DIN-Rail 230 Vac Single-Phase MOV 40 kA, CE

1102-014-7
I2R SA230 40



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) 1102-014-7 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 230 Vac Single-Phase 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		230		Vac
Service Type		Single-Phase		
Maximum Continuous Operating Voltage (MCOV)				
L - N Backup Fuse		125	320	Vac A gL/gG

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N		
8/20µs Surge Current			40	kA

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 230 Vac Single-Phase MOV 40 kA, CE 1102-014-7](#)

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Vpl 8/20μs L-N	1,400 @ 20kA	Vpk
Response Time	25	ns

Mechanical Specifications

Size		
Height	3.54 in	[89.92 mm]
Width	2.68 in	[68.07 mm]
Depth	0.71 in	[18.03 mm]
Weight	0.28 lbs	[127.01 g]

Environmental Specifications

Temperature Range (Operational)	-40 to +80 deg C
Environmental Protection Rating	IP 20
Humidity	95% 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

RoHS Compliant	Yes
CE Compliant	Yes

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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URL: <https://www.transtector.com/ac-surge-protector-spd-i2r-din-rail-1102-014-7-p.aspx>

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1102-014-7 CAD Drawing

