TRANSTECTOR
an INFINITE brand

AC Surge Protector SPD I2R DIN-Rail 240 Vac 3-Phase Delta MOV 40 kA



1102-014-41
I2R SA 240D

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) 1102-014-41 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 240 Vac 3-Phase Delta 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		240		Vac
Service Type		3-Phase Delta		
Maximum Continuous Operating Voltage (MCOV)				
L - L			275	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-L		
8/20µs Surge Current			40	kA
Nominal Discharge Current Rating (In)		20		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 240 Vac 3-Phase Delta MOV 40 kA 1102-014-41

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Response Time	25	ns

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	0.95 lbs	[430.91 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

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-1102-014-41-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

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