

AC Surge Protector SPD I2R Module 120 Vac MOV 10 kA



1000-831 I2R 120V MOV Module Assembly

Features

- 100% SASD Protection
- SASD and MOV Protection Options
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Wire Leads
- 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) 1000-831 from Transtector is a module style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 120 Vac 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		Vac
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		
Protection Modes		L-N		
8/20 μ s Surge Current			10	kA
Nominal Discharge Current Rating (In)		10		kA
Response Time			25	ns

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 Module 120 Vac MOV 10 kA 1000-831](#)

AC Surge Protector SPD I2R Module 120 Vac MOV 10 kA



1000-831 I2R 120V MOV Module Assembly

Mechanical Specifications

Size

Height	2.62 in	[66.55 mm]
Width	1.8 in	[45.72 mm]
Depth	0.98 in	[24.89 mm]
Weight	1 lbs	[453.59 g]
Housing Material and Plating	Lexan 940-701 Black	

Environmental Specifications

Temperature Range (Operational)	-20 to +65 deg C
Humidity	90% non-condensing

Installation

Mount Type	Plug-In
------------	---------

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 Module 120 Vac MOV 10 kA 1000-831](#)

URL: <https://www.transtector.com/ac-surge-protector-spd-i2r-module-120-1000-831-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.

1000-831 CAD Drawing

