

AC Surge Protector SPD I2R-T240 DIN-Rail 230 Vac Single-Phase MOV 40 kA, IEC 61643-11 Class II, CE, RoHS

I2R-T240-1P230



Features

- IEC61643-11 Class II
- High Capacity MOV Protection
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Wire Leads
- Replaceable Suppression Modules
- Wire and Comb Busbar Wiring Terminals
- Reversible Chassis for Top or Bottom Wiring
- DIN-Rail Mount
- Dry Contact Remote Annunciation Terminals

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
- Mining
- Photovoltaic and Wind

Description

AC surge protector (also known as SPD or lightning protector) I2R-T240-1P230 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		
Frequency	50		400	Hz
Maximum Continuous Operating Voltage (MCOV)				
L - N			275	
Backup Fuse		125		A gL/gG

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
AC Surge Protector SPD I2R-T240 DIN-Rail 230 Vac Single-Phase MOV 40 kA, IEC 61643-11 Class II, CE, RoHS I2R-T240-1P230				

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-T240 DIN-Rail 230 Vac Single-Phase MOV 40 kA, IEC 61643-11 Class II, CE, RoHS I2R-T240-1P230](#)

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Surge Protection Technology	MOV	
Protection Modes	L-N	
8/20μs Surge Current	40	kA
Nominal Discharge Current Rating (In)	20	kA
VPR 8/20μs		
L - N	1,300	Vpk
Response Time	25	ns
SCCR (Short Circuit Current Rating)	25	kAIC

Mechanical Specifications

Size

Height	2.992 in [76 mm]
Width	3.543 in [89.99 mm]
Depth	0.709 in [18.01 mm]
Weight	0.31 lbs [140.61 g]
Housing Material and Plating	PA66 CT1; V-0

Environmental Specifications

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

Installation

Mount Type	DIN Rail
Service Wiring Terminal	Compression Lug #1 to #9 AWG
Status Indication Terminal	3-Position Screw Terminal #16 to #22 AWG

Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes
Certifications	IEC 61643-11 Class II

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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.

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I2R-T240-1P230 CAD Drawing

