

AC Surge Protector SPD I2R-T240 DIN-Rail 277 Vac 3-Phase Wye MOV 40 kA, IEC 61643-11 Class II, CE, RoHS



I2R-T240-4P277

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-T240-4P277 from Transtector is a DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 277 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		277		Vac
Service Type		3-Phase Wye		
Frequency	50		400	Hz
Maximum Continuous Operating Voltage (MCOV)				
L - N Backup Fuse		125	320	Vac A gL/gG

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
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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 277 Vac 3-Phase Wye MOV 40 kA, IEC 61643-11 Class II, CE, RoHS I2R-T240-4P277](#)

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Surge Protection Technology	MOV		
Protection Modes	L-N, N-PE		
8/20 μ s Surge Current		40	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20 μ s			
L - N		1,500	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	2.835 in	[72.01 mm]
Weight	0.99 lbs	[449.06 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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Wye MOV 40 kA, IEC 61643-11 Class II, CE, RoHS

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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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URL: <https://www.transtector.com/ac-surge-protector-spd-i2r-t240-din-i2r-t240-4p277-p.aspx>

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AC Surge Protector SPD I2R-T240 DIN-Rail 277 Vac 3-Phase Wye
MOV 40 kA, IEC 61643-11 Class II, CE, RoHS

I2R-T240-4P277 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/17/19
	APPROVED	DWR

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: .X±.2 [5.08] FRACTIONS ± 1/32 .XX±.01 [.25] ANGLES ± 1° .XXX±.005 [.13]</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. THIRD-ANGLE PROJECTION</p>		<p>TRANSTECTOR</p> <p>10701 AIRPORT ROAD, HAYDEN, ID, 83835 PHONE: 1.208.635.6400 1.800.882.9110 FAX: 1.208.955.2041 www.transvector.com e-mail: sales@transvector.com</p>
<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1 SCALE NTS</p>	<p>SIZE CAGE A 30992</p>	<p>DRAWN BY HMB PART NUMBER I2R-T240-4P277 REV A</p>

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