

AC Surge Protector SPD I2R DIN-Rail 480 Vac 3-Phase Delta MOV 40 kA, IEC 61643-11 Class II, CE

1102-014-26
I2R SA 480D



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) 1102-014-26 from Transtector is an IEC61643-11 Class II DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 480 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 | | 480 | | Vac |
| Service Type | | 3-Phase Delta | | |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| L - L | | | 600 | 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 480 Vac 3-Phase Delta MOV 40 kA, IEC 61643-11 Class II, CE 1102-014-26](#)

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| | | | |
|----------------|--------------|--------------|-----|
| Vpl 8/20µs L-N | 1,100 @ 500A | 3,000 @ 40kA | Vpk |
| Response Time | | 25 | ns |

Mechanical Specifications

| | | |
|-------------|----------|------------|
| Size | | |
| Height | 3.54 in | [89.92 mm] |
| Width | 2.77 in | [70.36 mm] |
| Depth | 2.64 in | [67.06 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

| | |
|----------------|---|
| RoHS Compliant | Yes |
| CE Compliant | Yes |
| Certifications | IEC 61643-11 Class II IEEE Category C Low and C High |

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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-din-rail-1102-014-26-p.aspx>

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