

## DC Surge Protector SPD I2R Module 48 Vdc, 5 kA SASD

### 1000-864 I2R 48V SASD Module



#### Features

- Replacement Module for 1101-547

#### Applications

- Industrial automation
- Controls & sense loops
- Telecommunications base stations
- IT & data centers
- Wastewater treatment
- Rail
- Oil & gas
- LED lighting

#### Description

DC surge protector (also known as SPD or lightning protector) 1000-864 from Transtector is an I2R SPD that utilizes state of the art SASD technology to protect critical equipment. 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. All Transtector DC surge protectors are available in stock with same day shipping.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		48		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			60	Vdc

#### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Response Time			5	ns
8/20 $\mu$ s Surge Current			5	kA

#### Mechanical Specifications

Size			
Height	2.62 in	[66.55 mm]	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[DC Surge Protector SPD I2R Module 48 Vdc, 5 kA SASD 1000-864](#)

## DC Surge Protector SPD I2R Module 48 Vdc, 5 kA SASD

### 1000-864 I2R 48V SASD Module



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Width	1.81 in	[45.97 mm]
Depth	0.98 in	[24.89 mm]

### Environmental Specifications

#### Temperature

Operating Range

-20 to +65 deg C

Humidity

90% non-condensing

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: [DC Surge Protector SPD I2R Module 48 Vdc, 5 kA SASD 1000-864](#)

URL: <https://www.transtector.com/dc-surge-protector-spd-i2r-module-48-1000-864-p.aspx>

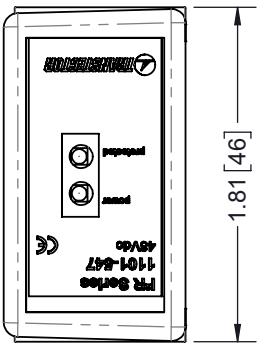
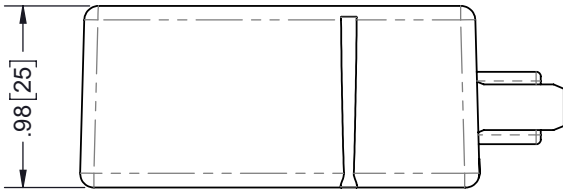
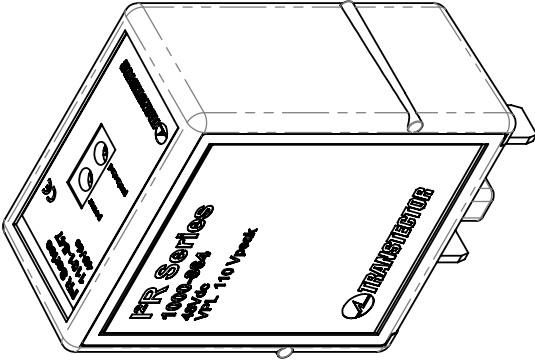
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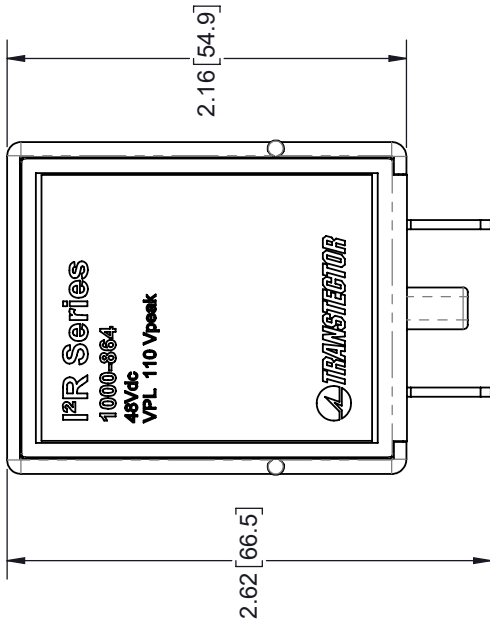

## 1000-864 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/18/19
		APPROVED DWR

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X±.2 [5.08] FRACTIONS ±.132  
 XX±.01 [.25] ±.132  
 XXX±.005 [.13] ANGLES ±1°

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.  
 THIRD-ANGLE PROJECTION

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**TRANSTECTOR**

10701 AIRPORT ROAD, HAYDEN, ID, 83835  
 PHONE: 1.208.635.6400 | 1.800.882.9110  
 FAX: 1.208.955.2041  
 www.transtector.com | e-mail: sales@transtector.com

SHEET 1 OF 1  
 SCALE 1:1

SIZE CAGE A 30992

DRAWN BY HMB

PART NUMBER 1000-864

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