

DC Surge Protector SPD CB Indoor Circuit Breaker Style Double-Wide 48 Vdc, Single-Mode SASD R56

1101-686
CB-48-RD-DW



Features

- 100% SASD Protection
- Circuit Breaker Form Factor
- Bullet Connectors

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) 1101-686 from Transtector is an R56 Circuit Breaker Style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 48 Vdc 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 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			59	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		Supply to RET		
Response Time			5	ns
VPL 8/20µs L-G			75	Vpk

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 CB Indoor Circuit Breaker Style Double-Wide 48 Vdc, Single-Mode SASD R56 1101-686](#)

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Mechanical Specifications

Size

Height	2.5 in	[63.5 mm]
Width	0.7 in	[17.78 mm]
Depth	3 in	[76.2 mm]
Weight	0.55 lbs	[249.48 g]

Environmental Specifications

Temperature

Operating Range	-50 to +85 deg C
Storage Range	-50 to +85 deg C

Installation

Mount Type	Breaker
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Compliance Certifications

Certifications	R56
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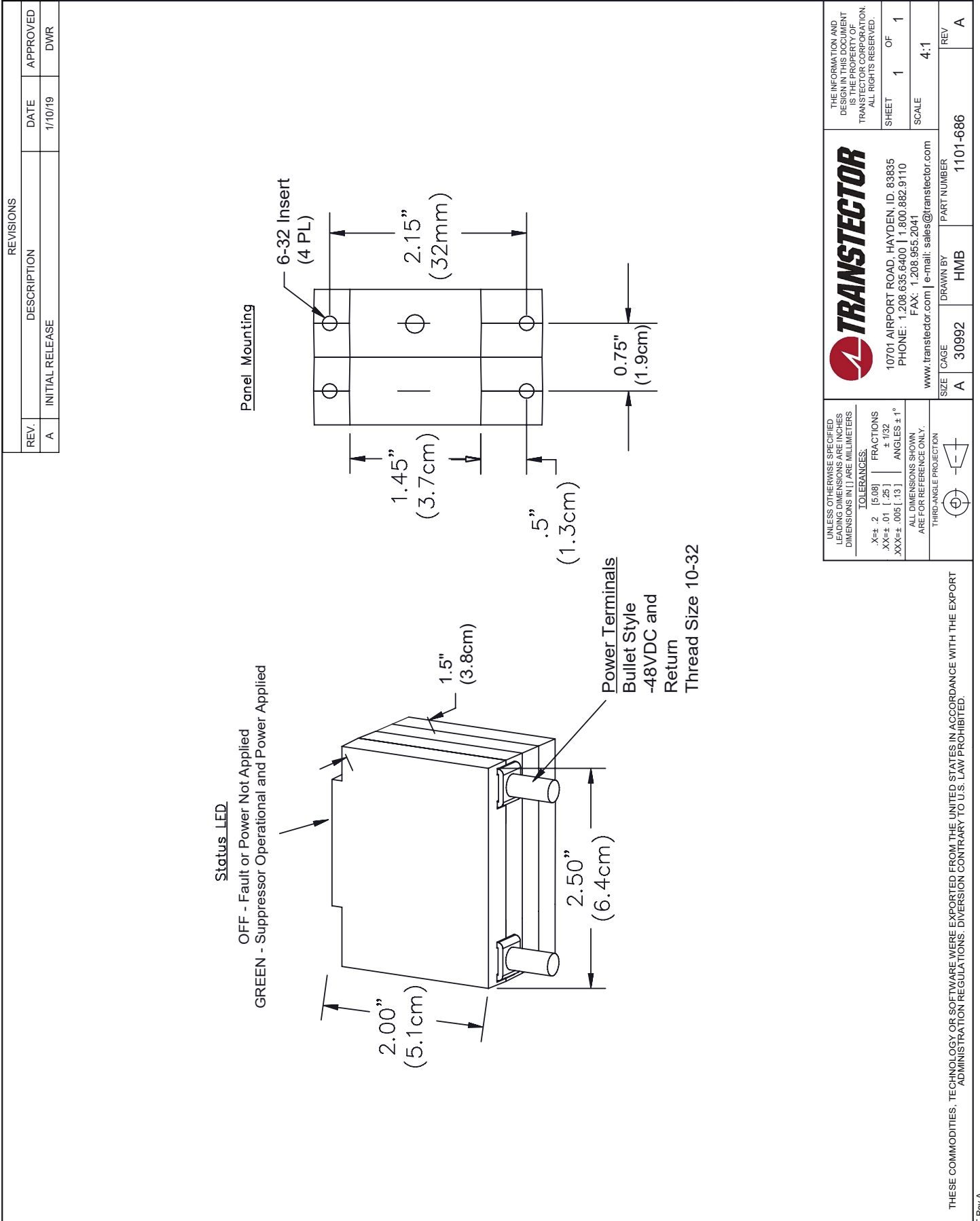
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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1101-686 CAD Drawing



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/10/19	DWR

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

TOLERANCES:
 .X±.2 [5.08] FRACTIONS ± 1/32
 .XX±.01 [.25] ANGLES ± 1°
 XXX±.005 [.13]

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

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SIZE: A CAGE: 30992 DRAWN BY: HMB PART NUMBER: 1101-686 SHEET: 1 OF 1 SCALE: 4:1 REV: A

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