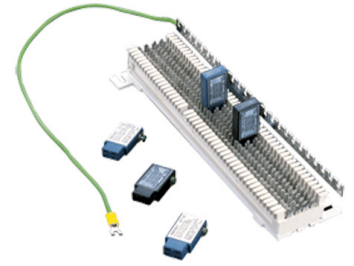


## Data Surge Protector SPD PBM Indoor POTS 66 Punch Down Block Receptacle Thyristor

**1101-469**  
PBM 6604



### Features

- Models for Wide Range of Balanced Pair Voltages
- 66 Punch Down Block Connectivity
- Ground Screw
- Used with Ground Bar Accessory 1101-621

### Applications

- POTS Networks
- Telecommunications Base Stations
- WISP/ISP
- IT & Data Centers
- Point-to-Point Links
- Control Lines and Sense Loops
- Oil & Gas

### Description

Data surge protector (also known as SPD or lightning protector) 1101-469 from Transtector is an indoor style SPD that utilizes state of the art Thyristor technology to protect critical equipment in POTS protocol data networks while remaining transparent to data throughput. 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 absorbing high amounts of transient energy while maintaining a very low clamping voltage. Transtector Data Signal surge protectors are available in stock with same day shipping.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		66 Punch Down Block		
Compatible Cables		Receptacle		
Data Protocols		POTS		
Vdc Rating (Data)		115	130	Vdc

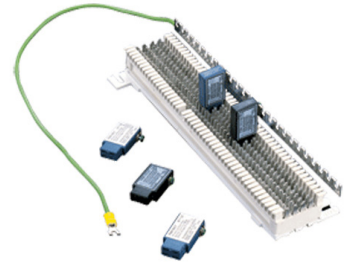
### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		Thyristor		
Protection Modes		L-G		
DC Turn On Voltage		115		Vdc
10/1000µs Surge Current				
L-G			100	A
L-L			100	A

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Data Surge Protector SPD PBM Indoor POTS 66 Punch Down Block Receptacle Thyristor 1101-469](#)

Data Surge Protector SPD PBM Indoor POTS  
66 Punch Down Block Receptacle Thyristor

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8/20 $\mu$ s Surge Current

L-G	0.15	kA
L-L	0.15	kA

Vpl 10/1000 $\mu$ s

L-G	153 @ 150A	Vpk
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**Mechanical Specifications**

**Size**

Height	0.91 in	[23.11 mm]
Width	1.76 in	[44.7 mm]
Depth	0.38 in	[9.65 mm]
Weight	0.1 lbs	[45.36 g]

**Environmental Specifications**

Operating Temperature	-20 to +50 deg C
Storage Temperature	-20 to +50 deg C

Mount Type	Replaces Bridge Clip, 66 Punch Down Block
Grounding	Screw

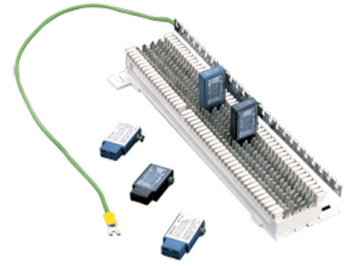
**Compliance Certifications**

Certifications	Telecordia GR-1089-CORE
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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:  
[Data Surge Protector SPD PBM Indoor POTS 66 Punch Down Block Receptacle Thyristor 1101-469](#)

Data Surge Protector SPD PBM Indoor POTS  
66 Punch Down Block Receptacle Thyristor

**1101-469**  
PBM 6604



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: [Data Surge Protector SPD PBM Indoor POTS 66 Punch Down Block Receptacle Thyristor 1101-469](https://www.transtector.com/data-surge-protector-spd-pbm-indoor-pots-1101-469-p.aspx)

URL: <https://www.transtector.com/data-surge-protector-spd-pbm-indoor-pots-1101-469-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

# Data Surge Protector SPD PBM Indoor POTS 66 Punch Down Block Receptacle Thyristor

## 1101-469 CAD Drawing

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

.91 [23.1]

1.76 [44.6]

GROUND SCREW

66 PUNCH DOWN  
BLOCK RECEPTACLE

.38 [9.8]

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

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

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

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**TRANSTECTOR**

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SHEET 1 OF 1  
SCALE 1:1

SIZE CAGE A 30992    DRAWN BY HMB    PART NUMBER 1101-469    REV A

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