

Data Surge Protector SPD TR Indoor 1-Pair HVAC Communications Links Wired Leads SASD, Trane Tracer Series



**1101-264-1**  
TR 2257

**Features**

- 100% SASD Protection
- Specially Designed for HVAC Applications
- Wired Lead Connectivity
- Wall Mount

**Applications**

- 1-Pair HVAC Communications Links 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) 1101-264-1 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in 1-Pair HVAC Communications Links 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		Wired Leads		
Data Protocols		1-Pair HVAC Communications Links		

**Surge Protection Specification**

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G		
10/1000µs Surge Current				
L-G			100	A
Response Time			5	ns

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 TR Indoor 1-Pair HVAC Communications Links Wired Leads SASD, Trane Tracer Series 1101-264-1](#)

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### Mechanical Specifications

**Size**

Height	2.2 in	[55.88 mm]
Width	3.16 in	[80.26 mm]
Depth	0.88 in	[22.35 mm]
Weight	0.15 lbs	[68.04 g]

### Environmental Specifications

Operating Temperature	-30 to +50 deg C
Storage Temperature	-30 to +50 deg C

Environmental Protection Rating	IP20
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### Installation

Mount Type	Wall
Grounding	Flying Lead

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/data-surge-protector-spd-tr-indoor-1-1101-264-1-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.

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1101-264-1 CAD Drawing

