

Series TSdt

Spec Sheet



THOR SYSTEMS, INC.
 3621 Saunders Avenue
 Richmond, VA 23227-4354
 Ph 804.355.1100 - www.thorsystems.us



** Image is not model specific **

AVAILABLE MODEL NUMBERS

Application	Nominal Voltage	Configuration	
		1-Pair (2W + Shield + G)	2-Pair (4W + Shield + G)
RS422	5V	TSdt TS D01 005	TSdt TS D02 005
RS232; RS485	12V	TSdt TS D01 012	TSdt TS D02 012
4-20mA	24V	TSdt TS D01 024	TSdt TS D02 024
iSDN; RSDN	48V	TSdt TS D01 048	TSdt TS D02 048
Phone, Fax, DSL	150V	TSdt TS D01 150	TSdt TS D02 150

Data Telcom SPD

- 1-Pair (2W + Shield) or 2-Pair (4W + Shield)
- DIN Rail Mount
- 20kA Surge Rated
- Modular
- Line - Ground & Shield – Ground Protection Modes
- Screw Terminal Connection

GENERAL SPECIFICATIONS

Application	Wired Dataline Circuits on DIN Rail
Connection Method	Fig. A - Series
Technology	Fig. B - Gas Tube & TVS Diode
Protection Modes	2 Options
Modular	Yes
Agency	ANSI/UL 497B
Warranty	2 Years

ELECTRICAL SPECIFICATIONS

Nominal Voltage	10 Options
Max. Operating Voltage (MCOV)	10 Options
Max. Surge Current	40kA
Max. Line Current (OCPD Size)	30A
Max. Frequency	> 3MHz
Max. Data Rate	10/100bps
Insertion Loss	< 1dB
Operating Temperature	-40°C to 60°C

MECHANICAL SPECIFICATIONS

Termination Method	Screw Terminals (#16 - #22AWG)
Disconnect Indication	Transmission Interrupt
Housing	Thermoplastic NEMA 2 (IP20)
Dimensions	2 Options
Mounting	35mm Symmetrical DIN Rail
Outdoor Use	No
ROHs Compliant	Yes

THOR SYSTEMS continuously strives to improve its products. Occasionally there may be changes in features or optional equipment. All information contained in this printed material is based on the latest product information available at the time of printing. THOR SYSTEMS reserves the right to implement changes, without notice, in specifications and equipment services.

SS-SPD-DT02-R00

Fig. A__ - CONNECTION METHOD

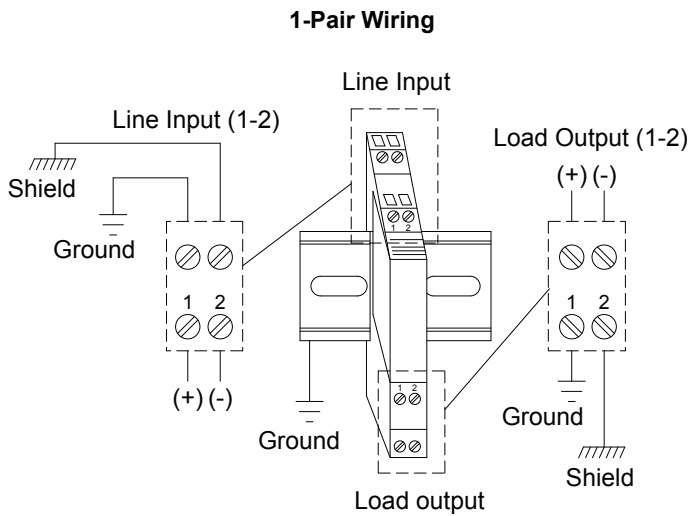


Fig. B - TECHNOLOGY / SCHEMATIC

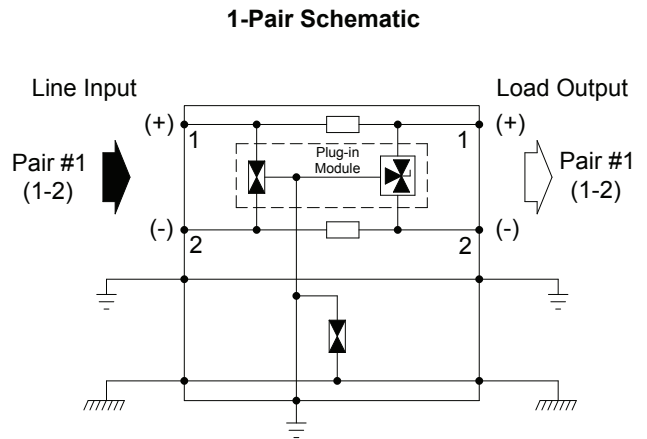
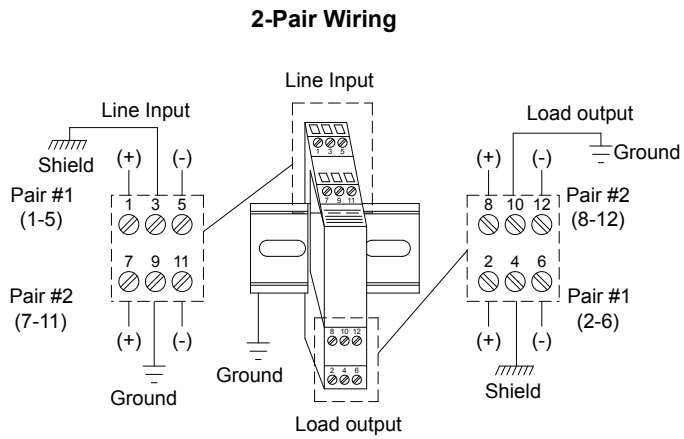
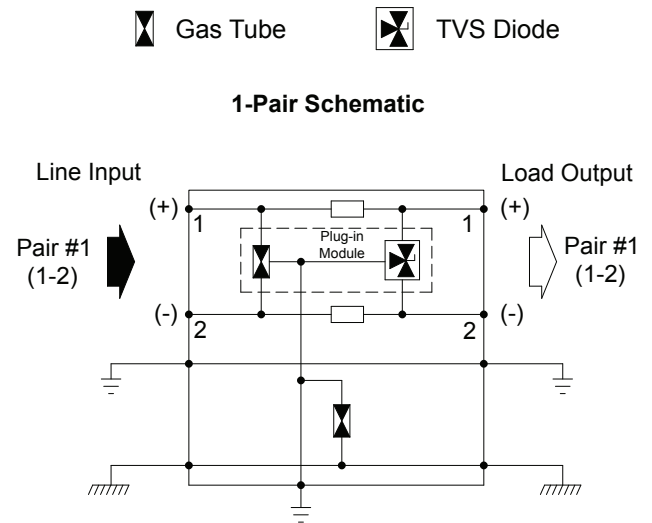


Fig. C - DIMENSIONS

