

Series TSdt RJ45

Spec Sheet



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** Image is not model specific **

AVAILABLE MODEL NUMBERS

Application	Nominal Voltage	Configuration	
		2-Pair (4W + Shield + G)	4-Pair (8W + Shield + G)
CAT5/6; RS422	5V		TSdt RJ45 D01 005
RS232; RS485	12V	TSdt RJ45 D01 012	
POE-A	48V POE-A		TSdt RJ45 D01 048 POEA
Phone, Fax, DSL	150V		TSdt RJ45 D01 150

Data Telcom SPD

- 2-Pair (4W + Shield) or 4-Pair (8W + Shield)
- DIN Rail Mount
- 4kA per Pair Surge Rated
- Data Speeds up to 10Gbps
- Line - Ground & Shield – Ground Protection Modes
- Shielded RJ45 Jacks

GENERAL SPECIFICATIONS

Application	Dataline SPD
Connection Method	Fig. A - Series
Technology	Fig. B - Gas Tube & TVS Diode
Protection Modes	2 Options
Agency	N/A
Warranty	2 Years

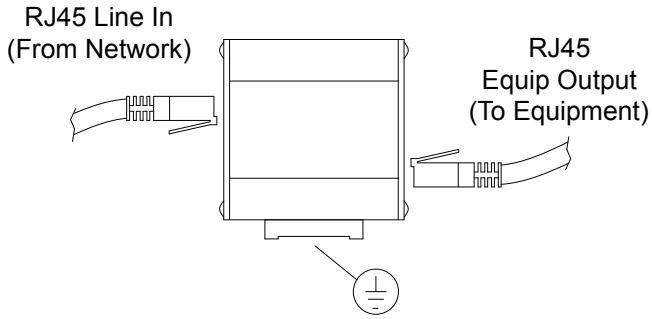
ELECTRICAL SPECIFICATIONS

Nominal Voltage	4 Options
Max. Operating Voltage (MCOV)	4 Options
Max. Surge Current	40kA
Max. Line Current (OCPD Size)	30A
Max. Frequency	> 3MHz
Max. Data Rate	4 Options
Insertion Loss	< 1dB
Operating Temperature	-35°C to 60°C

MECHANICAL SPECIFICATIONS

Termination Method	Shielded RJ45 Connectors
Disconnect Indication	Transmission Interrupt
Housing	Aluminum / NEMA 2 (IP20)
Dimensions	Fig. C - 1.34"W x 1.73"D x 2.17"H
Mounting	35mm Symmetrical DIN Rail
Outdoor Use	No
ROHs Compliant	Yes

Fig. A__ - CONNECTION METHOD

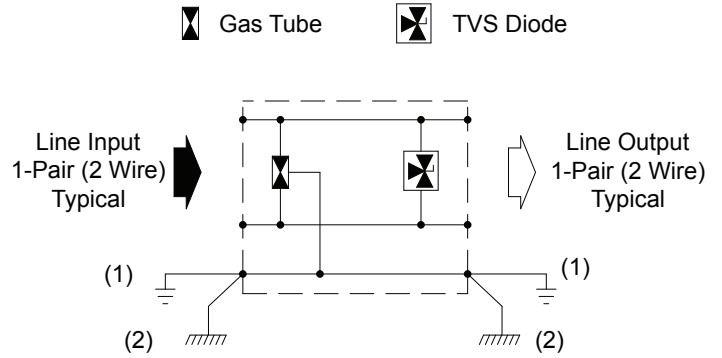


Connector Pinouts:

12v Models: [3-6][4-5]

All Other Models: [1-2][3-6][4-5][7-8]

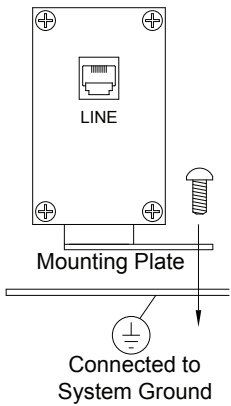
Fig. B - TECHNOLOGY / SCHEMATIC



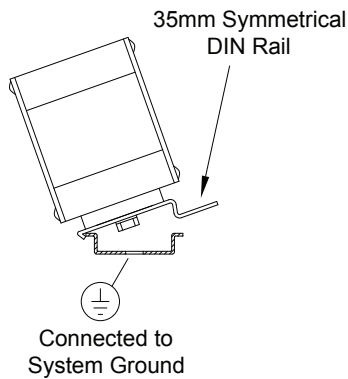
(1) Ground Connection via DIN Rail Clip

(2) Shield Connection, if required, via RJ45 Connector

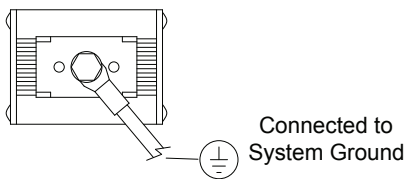
GROUNDING PANEL



DIN RAIL



Bottom View



HARD WIRED

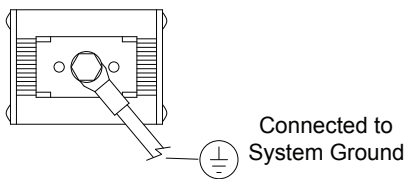


Fig. C - DIMENSIONS

2.17" for 5v Models

1.73" for 12V, 48V & 150V Models

