

STC-DRS Series, DIN Rail Protection



Features

- Low-Voltage Data Surge Protection
- Three-Stage Hybrid Protection
- Sneak / Fault Current Protection With Resettable Fuses - PTCs
- Low Profile Packaging
- Easy Installation
- Fits Standard 35mm DIN Rail
- Fast Response Time <1 Nanosecond
- UL Listed 497B
- 5 Year Warranty

The Sola STC-DRS series is a DIN Rail mountable, single pair surge suppression module implementing three-stage hybrid technology. This module addresses over-voltage transients with gas tubes and silicon avalanche components. In addition, sneak currents are mitigated with resettable fuses (PTCs). The PTC increases resistance by several orders of magnitude when overcurrents exceed safe levels. A normal state resumes when overcurrents are removed. The ability to self-restore in this manner significantly increases suppressor performance and survivability.

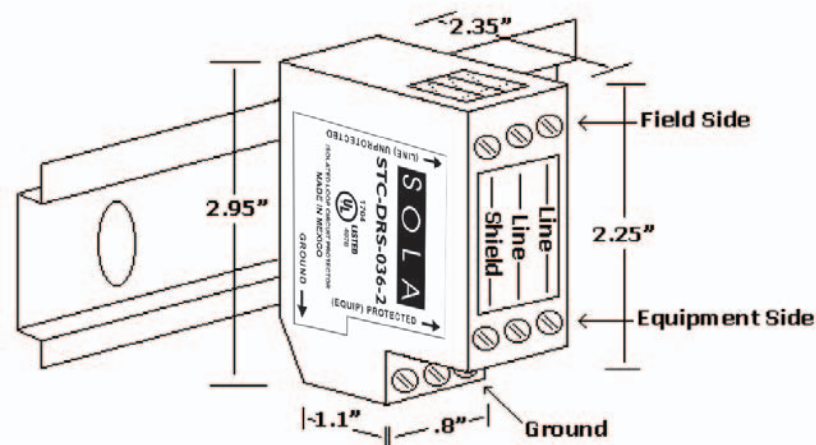
The STC-DRS Series mounts onto a standard 35mm industrial DIN Rail. There are three Field Side and three Electronics Side screw terminals. One is reserved for a shield. Three electrically tied ground terminals are provided for grounding the unit to Building-Approved Ground. Shield is isolated from ground.

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Specifications

Model Number	Max Peak Signal Voltage	Nominal Breakdown Voltage	Max Current 1p 10X1000µs	Peak Current 8x20µs	Typ Cap (PF)	Max Continuous Current	Nominal Series Resistance
STC-DRS-232	15	22	>100	10KA	1500	150ma	5
STC-DRS-036	30	36	>100	10KA	1500	150ma	5
STC-DRS-060	52	60	>100	10KA	1500	150ma	5

Installation Instructions



NOTES: These protectors are intended for indoor use on communication loop circuits that have been isolated from the Public Switch Telephone Network.

The communication loop circuits shall not be exposed to accidental contact with the electric light or power conductors. The protectors shall be installed per applicable requirements of the National Electric Code, ANSI/NFPA 70.