



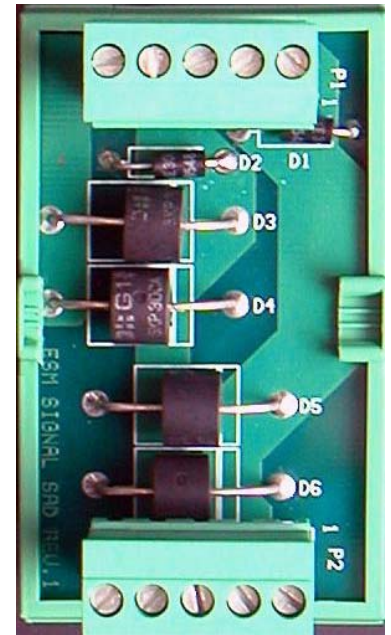
General Description

The surge arresting device provides electrical surge protection for a wide range of electronic devices. Common applications include the protection of fire alarm systems, intercom and PA systems, PLC communications loop, locking control systems, voice and data lines, television and video equipments, and commercial and residential appliances.

The surge arresting device is available in a wide range of voltage ratings to accommodate any application. It is capable of sustaining high current draw and reacts quickly against any voltage surge to provide protection for sensitive and expensive electronic systems in a cost effective manner.

When the surge arresting device is used at conductor entry and exit to buildings, it minimizes damage done to electronic devices from external surges, such as lightning strikes.

Dual connectors allow the module to be wired in either parallel or series to the protected device.



Features

- Protects up to 4 individual circuits
- Connections are bi-directional and polarity insensitive
- Voltage ratings range from 5V to 110V
- Reaction time of less then 1 picosecond
- Earth ground terminal is provided for surge discharge
- Connector plugs and headers provided for ease of installation and troubleshooting
- Standard din rail mount provided
- Compatible with industrial, commercial, and residential systems
- 5 year limited warranty

SAD Model Number	Reverse Breakdown Voltage (V)	Maximum Clamping Voltage (V)
SAD-5	5.0	9.2
SAD-6	6.0	10.3
SAD-7	7.0	12.0
SAD-8	8.0	13.6
SAD-9	9.0	15.4
SAD-11	11.0	18.2
SAD-12	12.0	19.9
SAD-13	13.0	21.5
SAD-14	14.0	23.2
SAD-15	15.0	24.4
SAD-16	16.0	26.0
SAD-17	17.0	27.6
SAD-20	20.0	32.4
SAD-30	30.0	48.4

Specifications

Installation Point: Four (4) individual circuits

Connection Method: Hardwire series connection

Response Time: <1pSec

Operating Frequency: 0Hz (DC) or 50/60Hz

Power Dissipation:

5kW peak pulse, 5W steady state

Cable Termination:

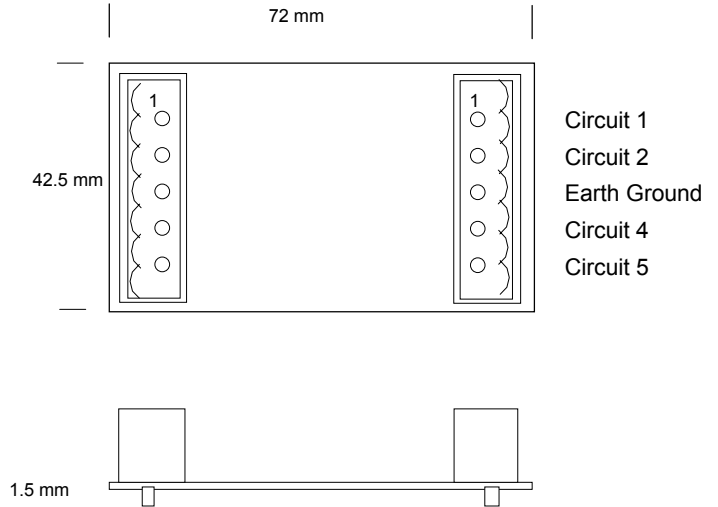
Screw terminal blocks,
10sq mm, 30-12 AWG.

Operating Temperature:

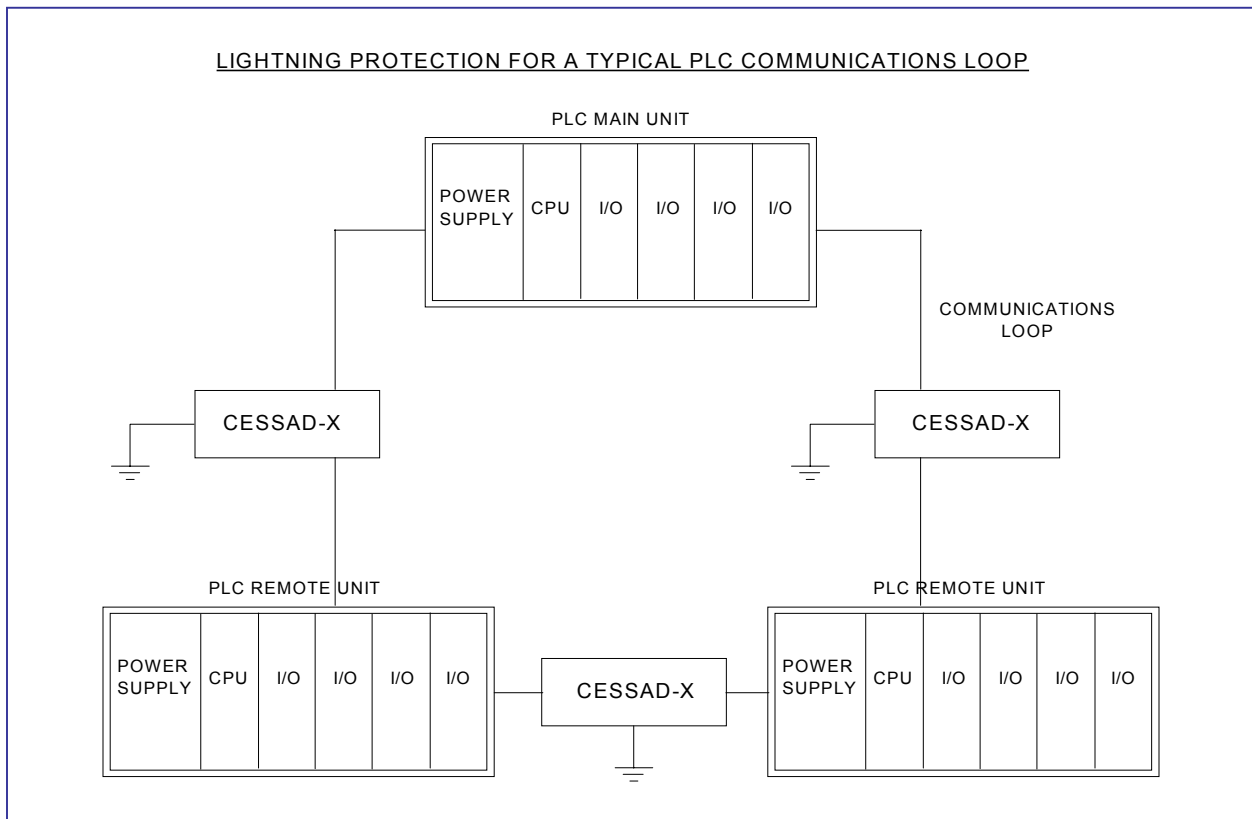
-55°C to +175°C

Dimensions (Length x Width x Height):

3" x 1 7/8" x 2 1/4" (7.7cm x 4.8cm x 5.7cm)
including rail mounts



Applications



Ordering Information

Surge Arresting Device CES-SAD-X
X = Reverse Breakdown Voltage

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