

Edco SRA64 Series 1 Pair Data/Signal

The Edco SRA64 Series surge suppressor is a single pair cube implementing three-stage hybrid technology. This cube addresses over-voltage transients with gas tubes and silicon avalanche components. In addition, sneak and fault currents are mitigated with resettable fuses (PTCs). The PTCs increase resistance several orders of magnitude when over currents exceed safe levels. A normal state resumes when over-currents are removed. The ability to self restore in this manner significantly increases suppressor performance and survivability.

The standard Edco SRA64 second stage clamps are placed from each signal lineto-ground. In certain cases, where ground potentials vary from site-to-site, a line-to-line only second stage clamp may be preferred. This variation is specified by a suffix "D" on the part number. In other cases, line-to-line and line-to-ground second stage clamps may be preferred. This variation uses an "X" suffix on the part number.

A variety of clamping voltages are available as standard. Reference the "How to Specify the Appropriate Model" section to insure that a complete part number description is obtained.

Features

- Lightning protection for balanced low voltage signal lines
- Multi-stage protection
- Sneak/fault current protection
- Differential mode protection
- Common mode protection
- Automatic recovery
- Fast response time
- Flame retardant epoxy encapsulated
- 5 year warranty

General Technical Specifications

| Part Number | Edco SRA64 Series |
|--------------------------|---------------------------------------|
| Total Peak Surge Current | 10kA (8 x 20 μs) |
| Response Time | <1 nanosecond |
| Voltage Clamp | 8, 15, 20, 30, 36, 43, 50, 60, or 200 |
| Resistance | 5Ω (typical) |
| Temperature | -40°C to+85°C |
| Weight | 2 oz. |
| Dimensions | 1.15" Cube |
| Mounting Stud (standard) | No.10-32 x 1/2" |

Caution:

The hybrid design of this product includes series resistance. Do not place this product in service on any signal lines capable of supplying more than 150 milliamperes continuously

How to Specify the Appropriate Model



