

San Telequip (P) Ltd.,  
504/505 Deron Heights, Baner Road, Baner  
Pune 411045, Mah, India  
Phone : +91-20-27293455, 9764027070, 8390069393  
email : info@santelequip.com



### Ethernet Surge Protector, Model SC10SP



Electronic equipment is susceptible to transient disturbances from a variety of sources including ESD to an open connector or Interface, direct or nearby lightning strikes to cables and wires, and charged cables “hot plugged” into I/O ports. SC10SP is designed to protect RJ45 port from damage which may result from such transient events. The protection includes current limitation, voltage clamping, grounding the lightning and surge arresting.

- Protects four lines
- Low capacitance
- Low leakage current
- Low operating and clamping voltages
- Solid-state process technology
- Earth lug

### Protection Standards

|                           |                                |
|---------------------------|--------------------------------|
| IEC 61000-4-2 (ESD)       | : ±25kV (Air), ±15kV (Contact) |
| IEC 61000-4-4 (EFT)       | : 40A (5/50ns)                 |
| IEC 61000-4-5 (Lightning) | : 24A (8/20µs)                 |

### Specifications

|  |   |
|--|---|
| Ethernet Interface                                 | : 2 no's 10/100 Ethernet Ports, RJ45 Female |
| Surge Protection                                   | : 4KV (600W)                                |
| Signals Protected                                  | : All 4 lines                               |
| Working Voltage                                    | : Upto 5V DC                                |
| Max Voltage  | : < 40V DC                                  |
| Nominal impulse discharge current (8 / 20µs pulse) | : 10A                                       |
| Max impulse discharge current                      | : 10KA                                      |
| DC spark-over voltage                              | : 90V, ±25%                                 |
| Arc Voltage at 1A                                  | : Appx 35V                                  |
| Glow to arc transition current                     | : 1A  |
| Glow voltage                                       | : 200V                                      |
| Dimension (W x D x H)                              | : 9.5 * 2.5* 2.2 cm                         |
| Weight   | : Appx 100 gms                              |
| Mounting   | : DIN Rail                                  |
| Response Time                                      | : ≤ 1nsec                                   |
| Operate environment                                | : -20 to 60°C, 5%~90%RH                     |
| Storage environment                                | : -25 to 85°C, 5%~90%RH                     |

**Note** : Pls ground the product compulsorily