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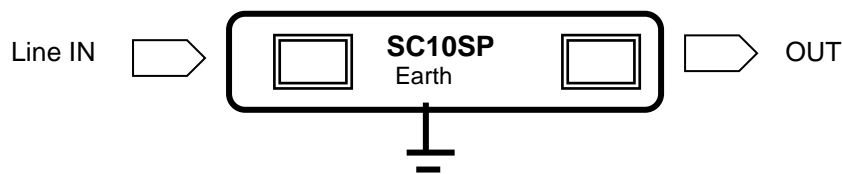email   : info@santelequip.com

SAN TELEQUIP

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Technical Document: User Manual for Ethernet Surge Suppresser. Model SC10SP

SC10SP is made by the high response surge arresters. The advantage is low clamping voltage and low loss against high speed signal because it has a low capacitance .designed to protect data/ communication lines in local and wide area networks up to 100base – T transmission speeds.

SC10SP is designed by the theory of current limited and voltage clamped, discharged to ground. When surge is induced in the data lines, the lightning energy is discharge to ground and high surge voltage is clamped to low level so your device is protected.

Usually the SC10SP is used in protecting the devices:
- Ethernet Exchanger
- Ethernet HUB
- Router
- Computer
- Industrial control devices
- Net server for Video system.

The SC10SP is connected by series mode the port of IN is connected to the incoming signal line and the port of OUT is connected to the protected device.
SC10SP needs connection to Earth.

Features:

Standard	: 10/100 Base T
10/100M Signal	: IEC6100-4-5 and ITU – TK20&21
Normal discharge current (In)	: 5 KA (8/20 µS)
Working voltage	: 0-5 V
Limit voltage	: < 40V
Apply Band rate	: 100Mbps
Connecters	: RJ45 (Female)
Line of protection	: 4 lines (1,2,3,4)
Insert consumption	: < 0.5db
Respand time	: < 1ns
Working temperature	: -20 to 60ºC
Storage temperature	: -25 to 85ºC
Humidity	: Relative humidity 5% to 95%
Power supply	: No needed
Size	: 84 (L) x 25 (W) x 25 (H)