SC&T

Surge Protector Series

User Manual

Model : SP006P

PoE Surge Protector

Introduction

SP006P is an in-line surge protector designed to protect a valuable PoE (Power over Ethernet) device from high voltage surges, with network bandwidth up to 100Mbps.

Features

- Supports bandwidth up to 100Mbps
- Supports IEEE 802.3af, IEEE 802.3at PoE Standard.
- Supports Mid-span and End-span.
- Response time less than 1 ns.

Installation View

Application

- Educational Institutions
- Server Farms
- Manufacturing Facilities

Specification

ITEM NO.	SP006P
Support	
Compliance	IEEE 802.3af, IEEE 802.3at, IEC 61000-4-5 2nd
Network Bandwidth	10/100Mbps
Response Time	Less than 1ns
ESD Protection	30KV(Air, Contact)
Lightning Protection	10KV@8/20us, 10KV@10/700us
Surge Life	300 times (100A per surge@ 8/20us)
Insertion Loss	Less than 0.2 dB
Return Loss (75Ω)	-16dB
Ports & Interfaces	
Input	1 x RJ45
Output	1 x RJ45
Ambient Temperature	
Operation	-10 to 75℃
Storage	-40 to 90℃
Humidity	95%
Physical Characteristics	
Dimensions	88.8 x 25.4 x 25.4mm
Weight	80g

RoHS $C\epsilon$