



SHOGUN

SG-RJ45-PoE

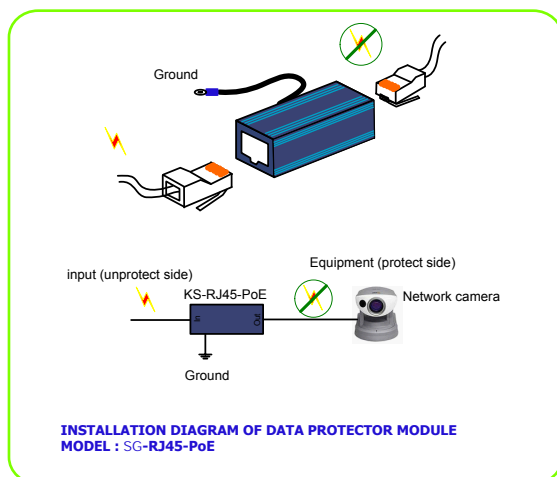
RJ-45 Data Protection Module



FEATURES

- > High Surge Current Rating
- > 802.3af Power-Over-Ethernet (PoE) compatible
- > 10/100 Base-T CAT5 protection
- > Multi-staged Hybrid Design
- > Fast Response
- > Low residual voltage
- > Long lifetime even in adverse conditions
- > Easy to Installation

APPLICATIONS



DESCRIPTION

Shogun's surge protection device for digital data line, SG-RJ45-PoE, is designed to protect networking systems and digital communication systems using switches, routers, modems etc. The design is based on the principle of current limiting as well as voltage clamping and stabilizing.

This product is fully compatible with standard IEEE 802.3af Power-Over-Ethernet (PoE) devices and 10/100 Base-T Ethernet networks. It provides protection to both the Ethernet data pairs as well as the PoE DC power feed.

SPECIFICATIONS

Design & Structural : Multi-Stages Hybrid Design incorporated with high energy handling and Fast Response Phase Control SP circuit.

Interface Characteristic :

Interface port type : RJ45 female/female

Standard reference : IEC 61643-21-2000

ANSI/IEEE C62.41-1991

ANSI/IEEE 802.3af PoE

ITU-K series

Technical data :

Operating voltage (1,2, 3,6): 12Vdc

Operating voltage (4,5 7,8) : 48Vdc

Max. discharge current (8/20 μ s) : 5 kA

Clamping voltage (1,2 3,6) : 15Vdc

Clamping voltage (4,5 7,8) : 58Vdc

Residual voltage (10/700 μ s) : 12V

Adapt transmission rate (bit/s) : 10/100M

Insertion loss : 0.1dB

Response time : 1ns

Protected mode (line) : 1, 2, 3, 6

Protected mode (PoE) : 4, 5, 7, 8

Physical :

Dimension (mm) : 40(W) x 85(L) x 25(H)

Temperature : -20 C to 70 C

Weight : 98 g.