



SHOGUN

SG-KM40B

Power Line Surge Suppression



DESCRIPTION

Shogun's series of power line surge suppression products (SG-KM40B models) have been specially developed to match the protection requirement of surge protection on AC line low voltage application according to the recommendation of various standards such as IEC, UL etc. SG-KM40B models are available for both shunt protection and series protection with high capability in suppressing both short duration (impulse voltage limiting) and long duration surge that could occur in power lines. SG-KM40B models use the high energy handling Transient Voltage Surge Suppression (TVSS) device which offers greater protection capability, higher surge rating, faster response time, and longer operational life. Models available for single phase and three phase systems and level of protection by means of surge rating can reach up to 60 kA per phase at 8/20 us standard lightning waveform.

FEATURES

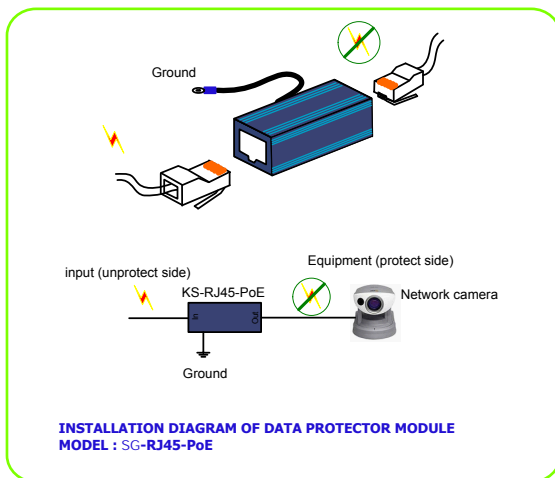
- > High Surge Current Rating
- > 802.3af Power-Over-Ethernet (PoE) compatible
- > 10/100 Base-T CAT5 protection
- > Multi-staged Hybrid Design
- > Fast Response
- > Low residual voltage
- > Long lifetime even in adverse conditions
- > Easy to Installation

SPECIFICATIONS

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

Standard reference : IEC 61643-21-2000
ANSI/IEEE C62.41-1991
ANSI/IEEE 802.3af PoE
ITU-K series

FEATURES



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.