



SHOGUN

SG-KM40B

Power Line Surge Suppression (L-N)



FEATURES

- > High Surge Current Rating
- > Shunt Configuration Design
- > Fast Response time
- > Normal mode protection
- > Low let through voltage
- > Terminal Interface
- > Easy to Installation
- > Remote Alarm
- > DIN rail Mounting

SPECIFICATIONS

Design & Structural : Saingle Stage High Energy Handling Design incorporated with removable/replaceable TVSS module and Remote Alarm circuit.

Electrical System :

Nom. Line Voltage (Un) : 220 Vrms, 50Hz

Max. Line Voltage (Uc) : 25 Vrms

Rate Current : unlimited

Reference Standard : IEC 61643-1:1998
IEC 61643-1:2005
EN 61643-1
DIN VDE 0675
UL-1449 (2nd edition 1996)
ANSI/IEEE C62.41-1991

Category IEC/EN/VDE : Class I / Type1 / B

Protection Config :

Installation : Shunt

Protective Device : High energy MOV

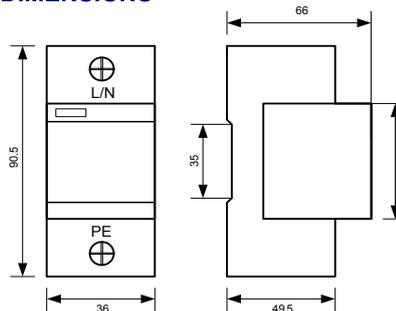
Responstime : <25 nanosec.

Recommended back-up fuse : 125A gL

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.

DIMENSIONS



Surge Rating :

Nominal discharge surge current $I_n(8/20)_{\mu s}$: 40kA

Max. discharge surge current $I_{max}(8/20)_{\mu s}$: 60kA

Control & Monitoring :

Display : status display

Remote Alarm : volt free ,0.5A 250Vac /3A 125V

Surge Performance:

Protection level (U_P) : <1.2kV

Physical:

Operating Temperature : -40 to 85 °C

Insulation housing : PBT/PA

Protection type : IP20

Mounting on : DIN rail 35mm

Weight : 100g