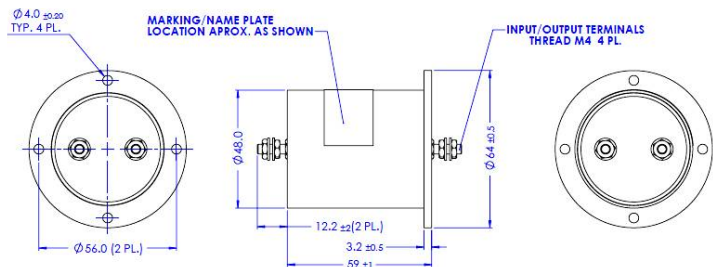


EMP Power line Protection Series –1PH/50-60Hz

Suitable for EMP Protection per MIL-STD-188-125-1/-2

General Description

This is a small size high performance Plug and play Front-End device for use in hardening power lines in ground bases and mobile shelters. It is equipped with both RFI and EMP protection. It is distinguished with extremely low current leakage and no auxiliary transformer needed.



Typical Specifications

Input Working Voltage 220VAC/380VAC/50-60Hz
 Working Current: Up to 4A
 Total Capacitance
 L-G 200nF±20%
 L-L: 2uF±20%

Minimal Attenuation

| Freq. | 0.1M | 1.0M | 10M | 100M | 1G |
|-------|------|------|-----|------|----|
| L-N | 60 | 80 | 80 | - | - |
| L-G | 45 | 80 | 80 | 80 | 80 |

Multistage Protection
 Lightning

Primary Protection

Pulse (ONE TIME): 20KA/60J
 Rise Time: 8usec
 Duration: 20usec

Secondary Protection

Break Down (Clamp) Voltage:
 EMP per MIL-STD-188-125-1

Short Pulse: 5KA/20ns/500ns, Residual <10A

Dimensions 256L/120W/70H (mm)

EMCignal
 POBox 94
 2 Prat St.
 Yavne, 81101
 Israel

Tel: 972-8-932 7907
 Fax 972-8-858 0980

www.emcignal.com

Environmental Conditions:

Operating Temperatures: - 40°C to 70°C
 Storage temperatures: - 40°C to 70°C
 Shock &Vibration: Adequate for all ground and mobile applications