



MAXIVOLT.COM
SERIOUS SURGE PROTECTION®

GUARDDOG® WRG-100

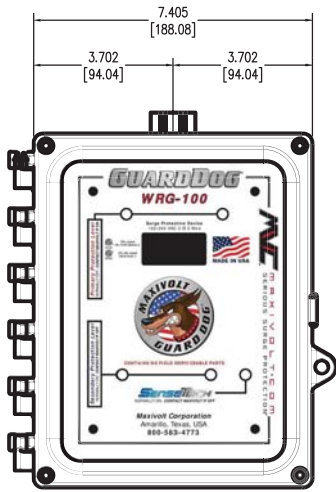
- Primary and Secondary Protection Levels
- Dual Listings - ANSI/UL 1449 Ed. 3 / IEC 61643-11
- SenseTech® Communication Options
 - Audible Alarm, Form C Dry Contacts, Remote Light Contacts
- NEMA® 4X Rated Enclosure Standard
- Surge Counter Option Available
- Primary and Secondary Safety Fusing
- 5 Year Repair / Replace SPD Warranty



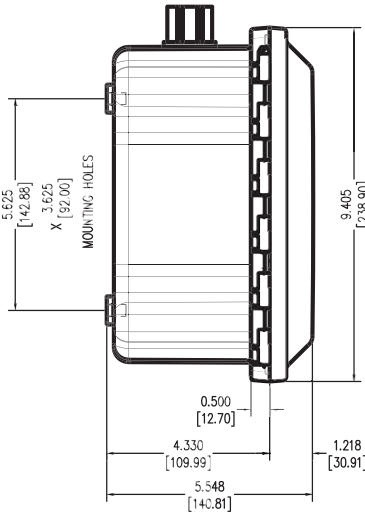
WRG-100 Surge Protective Device



Maxivolt GuardDog® • Made in USA • Serious Surge Protection • Made in USA • Maxivolt GuardDog® • Made in USA • Serious Surge Protection • Made in USA • Maxivolt GuardDog®



Approx. 9.5"H 8.7"W 5.6"D



Application

Voltage 120 / 240 VAC
Configuration 2 Ø / 3 Wire

Characteristics

Fusing Internal
Indication Blue LEDs On / Red Neons Off
Conductor 12 AWG Stranded
Enclosure NEMA® Type 4X

Certifications

Listing ANSI/UL 1449 Ed. 3 / IEC 61643-11
Environmental RoHS

Specifications

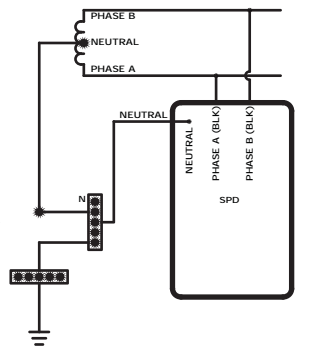
Modes of Protection L-N, L-L
Type (Class) II (2)
Clamp Voltage [1 mA] L-N (L-L) 220 (440)
VPL [2kA] L-N (L-L) 500 (960)
VPR [3kA] L-N (L-L) 700 (1000)
SCCR 100 kA
MCOV L-N (L-L) 140 (280)
Operating Temperature -40° C to 85° C
Operating Humidity 1% to 95%
Filtering UL 1283
EMI-RFI Noise Attenuation < 40 db
Capacitance 1 to 1.5 µF / Line
Component Response Time < 1 ns
Frequency Range 50 - 400 HZ

Standard Installation Summary

Install According To Instructions Provided With Device

1. Remove 3/4" knockout.
2. Mount using mounting feet with proper anchors.
3. Connect one black conductor to phase A.
4. Connect other black conductor to phase B.
5. Connect white conductor to neutral.

- Note:** Mount close as possible to connection points
- Note:** Breaker Size 15 amp (if required).
- Note:** Never add length to provided conductors.
- Note:** For optimum SPD performance minimize conductor length and avoid sharp bends.



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