



MAXIVOLT.COM
SERIOUS SURGE PROTECTION®

GUARDDOG® WRG-300

- **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**



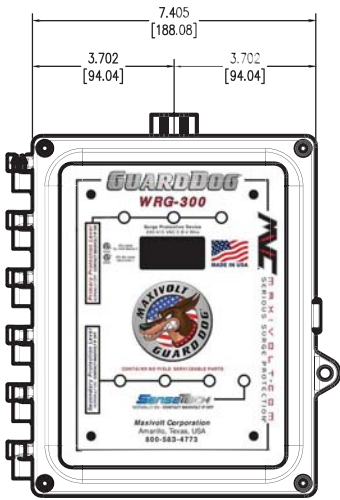
WRG-300 Surge Protective Device



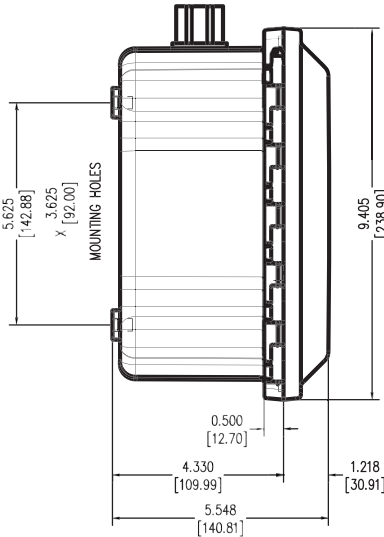
SenseTech



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 230 / 415 VAC
Configuration 3 Ø / 4 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

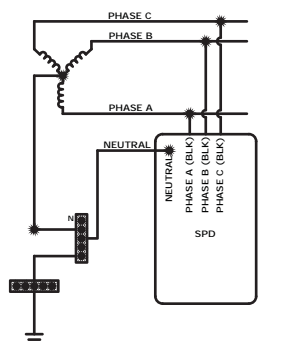
Modes of Protection L-N, L-L
Type (Class) II (2)
Clamp Voltage [1 mA] L-N (L-L) 510 (1020)
VPL [2kA] L-N (L-L) 900 (1600)
VPR [3kA] L-N (L-L) 1200 (2000)
SCCR 100 kA
MCOV L-N (L-L) 300 (600)
Operating Temperature -40° C to 85° C
Operating Humidity 1% to 95%
Filtering UL 1283
EMI-RFI Noise Attenuation < 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 last black conductor to phase C.
6. 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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