



MAXIVOLT.COM  
SERIOUS SURGE PROTECTION®

# GUARDDOG® WRG-200

- **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**



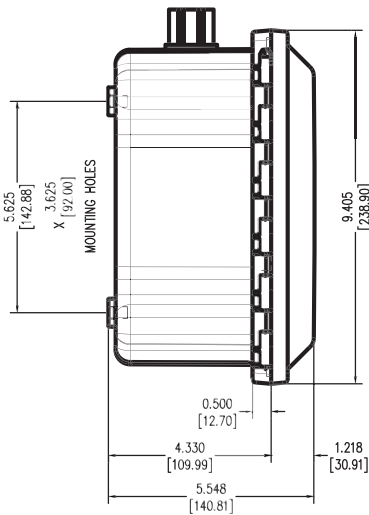
WRG-200 Surge Protective Device



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 / 208 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

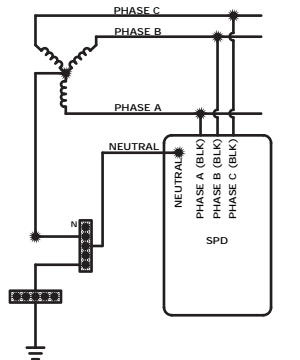
Modes of Protection L-N, L-L  
Type (Class) II (2)  
Clamp Voltage [1 mA] L-N (L-L) 220 (440)  
VPL [2kA] L-N (L-L) 500 (960)  
VPR [3kA] L-N (L-L) 700 (1000)  
SCCR 100 kA  
MCOV L-N (L-L) 140 (280)  
Operating Temperature -40° C to 85° C  
Operating Humidity 1% to 95%  
Filtering UL 1283  
EMI-RFI 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 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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