



MAXIVOLT.COM  
 SERIOUS SURGE PROTECTION®  
 MADE IN THE USA • SINCE 1988

# GUARDDOG® WRG-200

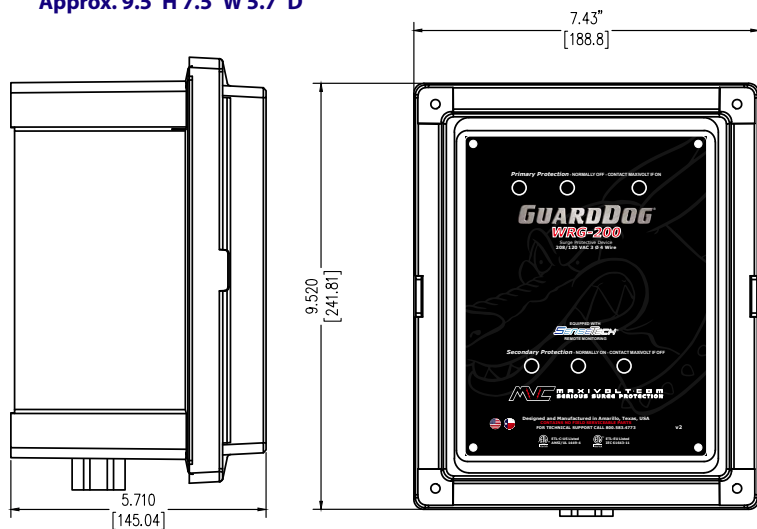
- Primary and Secondary Protection Circuits
- Primary and Secondary Safety Fusing
- Primary and Secondary Dry Contacts
- Audible Alarm Option
- NEMA® 4X Rated Enclosure
- Listed to ANSI/UL 1449-4 & IEC 61643-11
- One Year Warranty
- Made in the USA



WRG-200 Surge Protective Device

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Approx. 9.5"H 7.5"W 5.7"D



### Application

Voltage 120 / 208 VAC  
 Configuration 3 Ø / 4 Wire

### Characteristics

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

### Certifications

Listing ANSI/UL 1449 Ed. 4 / 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  
 Dry Contact Interface 24 VDC - 240 VAC  
 Relay Max Current 2 Amps

### Standard Installation Diagram

Install According To Instructions Provided With Device

**Note:** For optimum performance, minimize conductor length and avoid sharp bends.

To Phase A  
 To Phase B  
 To Phase C  
 To Neutral



**Note:** Connect Normally Open or Normally Closed conductor to input of the system control interface. The alarm interface may alternatively be connected to an audible alarm or visual indicator.

— Control Power Source (Primary)  
 — Normally Open (NO) Output (Primary)  
 — Normally Closed (NC) Output (Primary)  
 - - - Control Power Source (Secondary)  
 - - - Normally Open (NO) Output (Secondary)  
 - - - Normally Closed (NC) Output (Secondary)



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