



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

GUARDDOG® WRG-200

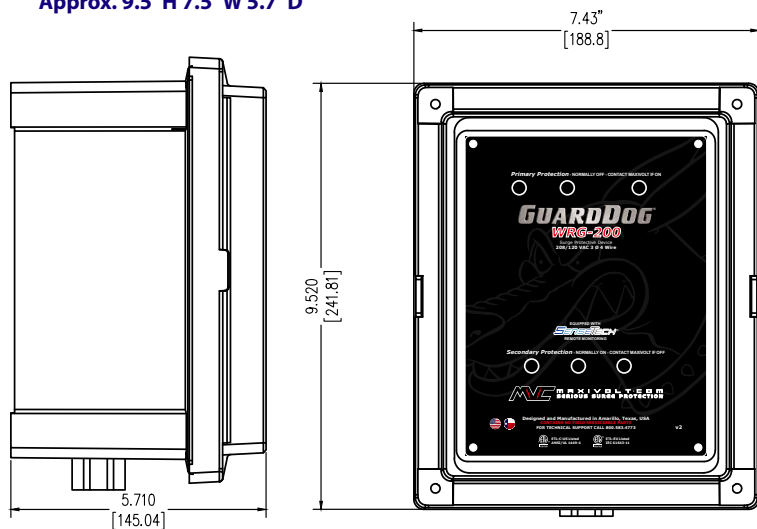
- Primary and Secondary Protection Circuits
- Primary and Secondary Safety Fusing
- Primary and Secondary Dry Contacts
- Audible Alarm Option
- NEMA® 4X Rated Enclosure
- Listed to ANSI/UL 1449-4 & IEC 61643-11
- One Year Warranty
- Made in the USA



WRG-200 Surge Protective Device

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 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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