

GUARDDOG®

WRG-700P

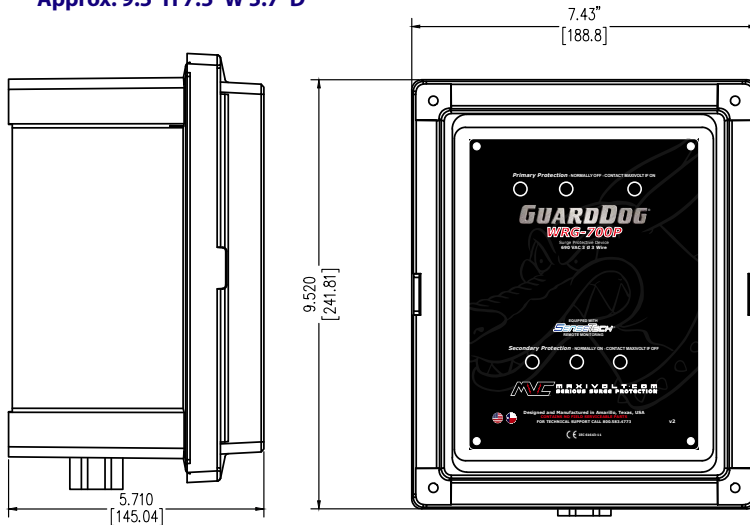
- Primary and Secondary Protection Circuits
- Primary and Secondary Safety Fusing
- Primary and Secondary Dry Contacts
- Audible Alarm Option
- NEMA® 4X Rated Enclosure
- Self Certification IEC 61643-11
- One Year Warranty
- Made in the USA



WRG-700P 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 690 VAC
 Configuration 3 Ø / 3 Wire

Characteristics

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

Certifications

Self Certification IEC 61643-11
 Environmental RoHS

Specifications

Modes of Protection L-L
 Type (Class) II (2)
 Clamp Voltage [1 mA] 1362
 VPL [2kA] 2400
 SCCR 100 kA
 MCOV 840
 Operating Temperature -40° C to 85° C
 Operating Humidity 1% to 95%
 Filtering UL 1283
 EMI-RFI Noise Attenuation < 40 db
 Capacitance .5 to 1 µF / Line
 Component Response Time < 1 ns
 Frequency Range 50 - 400 HZ
 Surge Current Rating *Contact Maxivolt*
 Dry Contact Interface 24 VDC - 240 VAC
 Relay Max Current 2 Amps

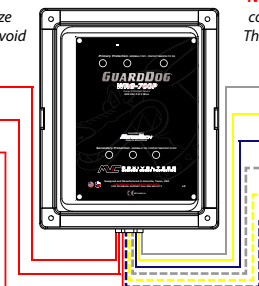
Standard Installation Diagram

Install According To Instructions Provided With Device

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

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.

Phase A
 Phase B
 Phase C



— 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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