

GUARDDOG®

WRG-100

- 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



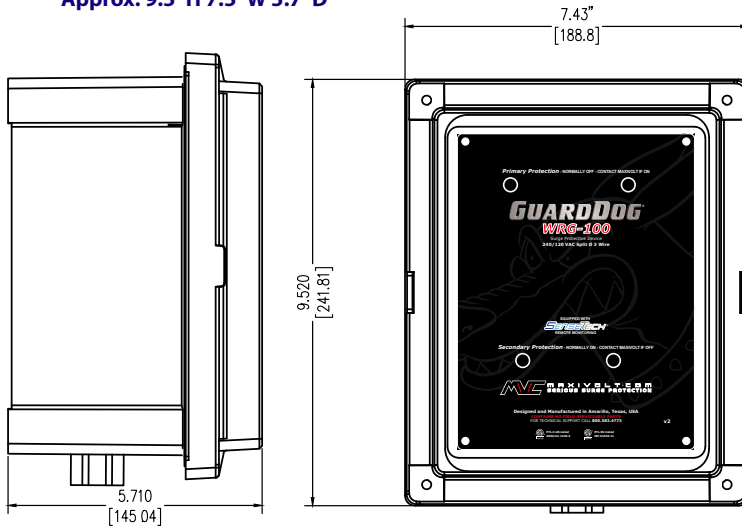
SenseTech



WRG-100 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 / 240 VAC
 Configuration 2 Ø / 3 Wire

Characteristics

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

Certifications

Listing ANSI/UL 1449-4 / IEC 61643-11
 Environmental RoHS

Specifications

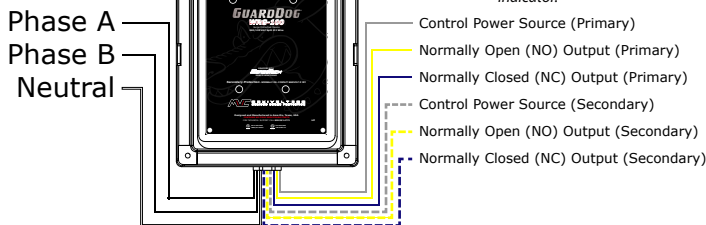
Modes of Protection L-N, L-L
 Type (Class) II (2)
 Clamp Voltage [1 mA] L-N (L-L) 220 (440)
 VPL [2kA] L-N (L-L) 500 (960)
 VPR [3kA] L-N (L-L) 700 (1000)
 SCCR 100 kA
 MCOV L-N (L-L) 140 (280)
 Operating Temperature -40° C to 85° C
 Operating Humidity 1% to 95%
 Filtering UL 1283
 EMI-RFI Noise Attenuation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

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.



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