

Residential
Light Commercial
Applications

GEN-160-SER Service Entrance Rated Generator Transfer Switch Surge Protector

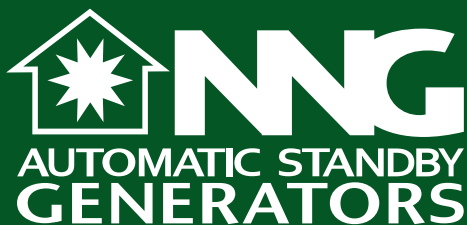
GEN-160-SER Overview

The **GEN-160-SER** is designed to be the first line of defense against damaging electrical surges and spikes originating from utility power lines. The GEN-160-SER is U.L. Approved and designed for installation at the Utility Entrance of the generator transfer switch, providing robust protection for both the transfer switch and the whole home against damaging electrical surges and spikes.



GEN-160-SER Transfer Switch Protector Features

- UL Approved for installation on the service entrance side of Generator Transfer Switches.
- Robust 160,000 Surge Amp Capacity
- Thermal fused metal oxide varistor (MOV) suppression technology
- Light-emitting diode (LED) visual indicator for transfer switch protection status
- Type 4 Enclosure suitable for transfer switches installed inside or outdoors.
- Provides transfer switch and whole house surge protection



125 Christopher Drive
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GEN-160-SER Service Entrance Rated Generator Transfer Switch Surge Protector

GEN-160-SER Specifications

Electrical

Model

Surge Protection Device (SPD) Type to UL
Operating AC Voltage

GEN-160-SER

Type 1 Service Entrance Rated
120/240V Single Phase
3W+G

Maximum Continuous Operating AC Voltage (MCOV):

Line-Neutral **140 V**
Line-Ground **140 V**
Neutral-Ground **140 V**
Line-Line **280 V**

Nominal Discharge Current [I_n]

20 kA

Maximum Surge Current Capacity [I_{max}]: Line-Neutral

80 kA

Line-Ground **80 kA**

Neutral-Ground **80 kA**

Line-Line **100 kA**

Fault Current Rating

10kA No Breaker
200kA With Breaker

Voltage Protection Rating (VPR):

Line-Neutral **600 V**
Line-Ground **600V**
Neutral-Ground **600 V**
Line-Line **1000V**

Suppression Technology

MOV

Mechanical

Connection Terminal (Suppression) Hardwired

#12 AWG pigtail leads

Operation Temperature (°C)

-40° C to +80° C

Enclosure Type (Outdoor)

Type 4 PVC Plastic

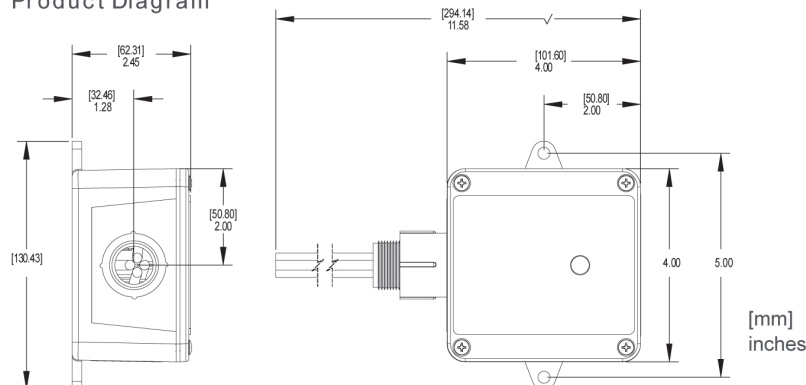
Enclosure Dimension (L x W x H)

4.0 x 4.0 x 2.45 [294.14 x 130.43 x 62.31mm]

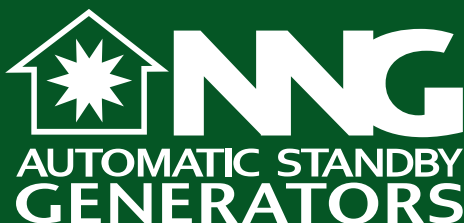
Weight

2.5 lbs [1.81 kg]

Product Diagram



AWG=American Wire Gauge



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