

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 UL 1449 3<sup>rd</sup> edition listed and designed for installation at the Utility Entrance side 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 1449 3<sup>rd</sup> edition type 1 listed.
- Flush mount plate option available for finished walls.
- Common mode suppression with 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 whole house surge protection
- lifetime warranty with \$100,000 down line protection coverage.



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

## GEN-160-SER Specifications

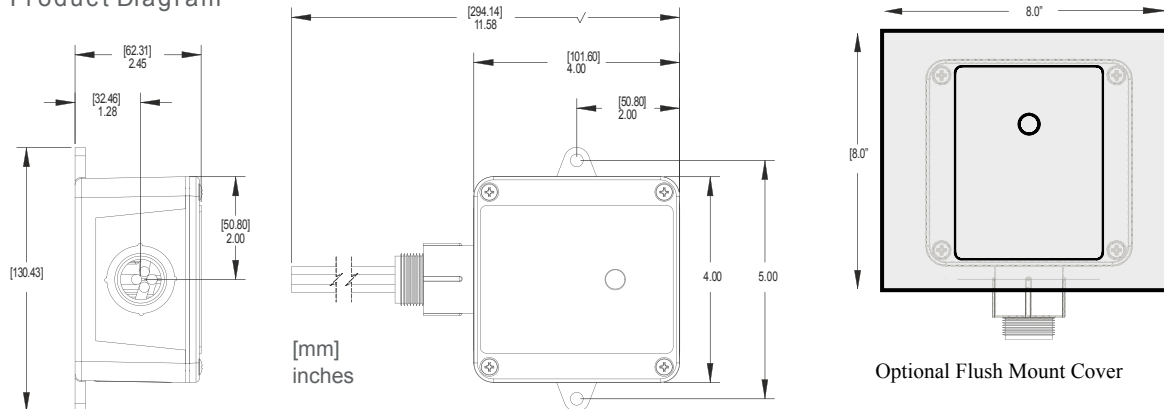
### Electrical

Model	GEN-160-SER	
Surge Protection Device (SPD) Type to UL	<b>Type 1 Service Entrance Rated</b>	
Operating AC Voltage	<b>120/240V Single Phase 3W+G</b>	
Maximum Continuous Operating AC Voltage (MCOV):		
Line-Neutral	<b>140 V</b>	
Line-Ground	<b>140 V</b>	
Neutral-Ground	<b>140 V</b>	
Line-Line	<b>280 V</b>	
Nominal Discharge Current [I <sub>n</sub> ]	<b>20 kA</b>	
Maximum Surge Current Capacity [I <sub>max</sub> ]:		
Line-Neutral	<b>80 kA</b>	
Line-Ground	<b>80 kA</b>	
Neutral-Ground	<b>80 kA</b>	
Line-Line	<b>100 kA</b>	
Fault Current Rating	<b>10kA No Breaker 200ka With Breaker</b>	
Voltage Protection Rating (VPR):		
Line-Neutral	<b>600 V</b>	
Line-Ground	<b>1000V</b>	
Neutral-Ground	<b>600 V</b>	
Line-Line	<b>1000V</b>	
Suppression Technology	<b>MOV</b>	
Listing	<b>UL 1449 3<sup>rd</sup> Edition Type 1</b>	

### 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 × 4.0 × 2.45 [294.14 × 130.43 × 62.31mm]
Weight	2.5 lbs [1.81 kg]

Product Diagram



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