

## PRODUCTION SPECIFICATIONS

CATALOG NUMBER: **GFCI/20/TR/WR**



**TR**

**WR**

**20A GFCI Outlet Self-  
Test  
Color: White WH**

### Ground Fault Circuit Interrupter Receptacle

20A,125V,60Hz.

Back & Side Wire.

Tamper-Resistant Receptacles.

Weather-Resistant meet the requirements of  
NEC Section 406.8

2-pole,3-wire, NEMA 5-20R,Self-Grounding.

### GENERAL SPECIFICATIONS

**Product Name**  
GFCI Receptacle

**Catalog Number**  
GFCI/20/TR/WR

**UPC Code**  
0105853000051

**Product Length**  
1.56 in

**Product Height**  
4.07 in

**Product Width**  
1.71 in

**Product Weight**  
127g/0.280 lb

**Certifications**  
UL/CUL Listed  
NOM

### MATERIAL CHARACTERISTICS

- Material: Face, Thermoplastic; Body, Thermoplastic
- 0.8mm thick high-precision phosphorus bronze
- 1.2mm thick galvanized steel bracket
- Silver alloy contacts with 30 silver layer thick
- Coated PC board with Smart chip MCU to protect critical components from moisture
- Environmental: Flammability UL-94 V2 Rating.

## PRODUCTION SPECIFICATIONS

### Standard Certifications

- Meet UL®943 Class A GFCIs & UL®498 for receptacles;
- Complies to NEC®
- UL®Listed E508043
- CSA Certified
- NOM Certified
- Self-Test meets UL®943, 5th Ed./Csa 22.2 requirement.

### Electrical

- Trip Level: 4~6 mA;
- Trip Time: < 0.25 Seconds
- Frequency: 60 Hz
- Max Interruption: 10,000 A
- Working Voltage: 102V~132V
- Rating Voltage: 125V

### Environmental

- Operating Temperature: -35°C to 66°C (-30°F to 150 °F);
- Maximum Humidity: 95%.

## APPLICATIONS

**Residential:** Bathrooms\Kitchens\Basements\Garages\Laundry rooms\Wet locations

**Social institution:** School class rooms\Laboratories\Restrooms and Kitchens  
Airports\Commercial Offices\Shopping centers Restaurants\Hotels\Public  
bathrooms Public Areas receptacle which near wet or damp locations.

## PRODUCTION SPECIFICATIONS

### Default Configuration

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>■ Device Type<br/>Receptacle</li> </ul>                          | <ul style="list-style-type: none"> <li>■ Type<br/>Self-Test</li> </ul>               | <ul style="list-style-type: none"> <li>■ Circuit Interrupter Type<br/>GFCI</li> </ul>                     |
| <ul style="list-style-type: none"> <li>■ Amperage Rating<br/>20A</li> </ul>                             | <ul style="list-style-type: none"> <li>■ Voltage Rating<br/>125V</li> </ul>          | <ul style="list-style-type: none"> <li>■ NEMA Configuration<br/>5-20R</li> </ul>                          |
| <ul style="list-style-type: none"> <li>■ Features<br/>Tamper-Resistant<br/>Weather-Resistant</li> </ul> | <ul style="list-style-type: none"> <li>■ Contact Material<br/>Brass</li> </ul>       | <ul style="list-style-type: none"> <li>■ Wiring Method<br/>Back &amp; Side Wire,<br/>grounding</li> </ul> |
| <ul style="list-style-type: none"> <li>■ Torque Rating<br/>16 lbf-inch</li> </ul>                       | <ul style="list-style-type: none"> <li>■ Number of Wires<br/>Three -wires</li> </ul> | <ul style="list-style-type: none"> <li>■ Number of Poles<br/>Two-poles</li> </ul>                         |

## GFCI WORKING STATUS



**Green light:**  
GFCI working properly;  
Cyclic testing every 15 minutes.



**Red light blinking:**  
GFCI Self-Testing;  
**Red light On ALERT !**  
GFCI reached its service life and needs to be replaced.



**Led Off (No power):**  
GFCI tripped, press RESET button;  
Check the power circuit if can not reset.

### Colors:



White  
WH



Ivory  
IV



Almond  
AL



Grey  
GR



Black  
BK

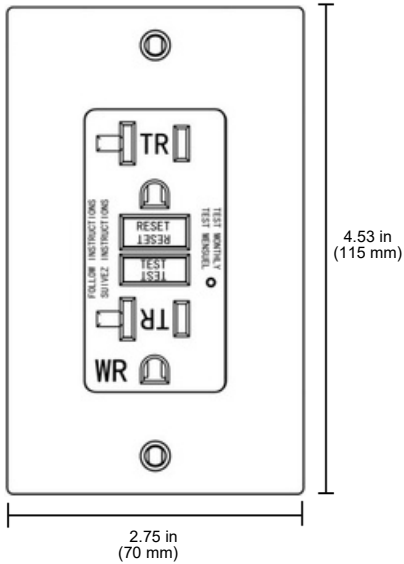


Brown  
BR

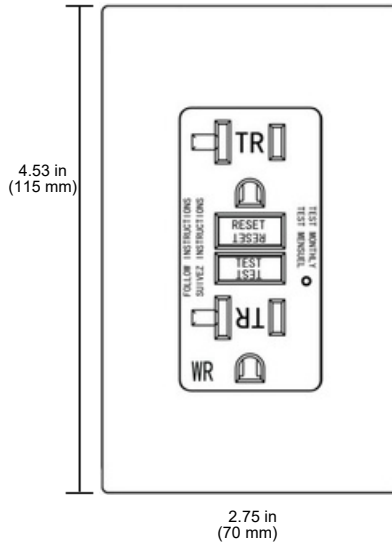
# PRODUCTION SPECIFICATIONS

## Dimensions

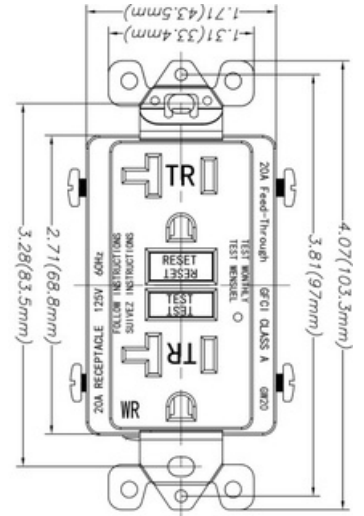
Standard plate



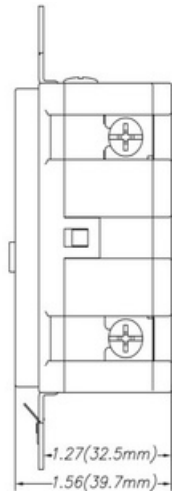
Screwless plate



Bulk Unit

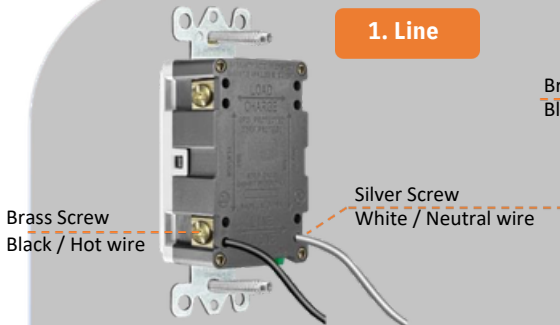


Side View

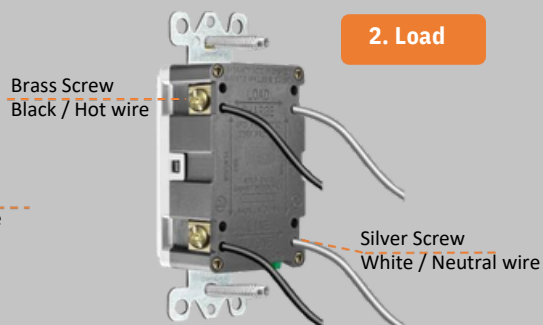


## Installation Steps

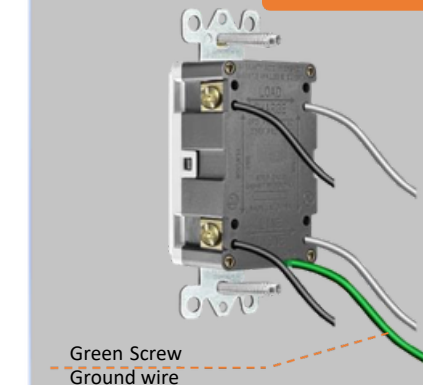
1. Line



2. Load



3. Grounding



4. Reset

Press Reset button after correct installation. The Green Led indicator on GFCI working properly. Test your GFCI monthly to ensure the GFCI continuously provide Ground-fault protection. Cyclic testing every 15 minutes.

