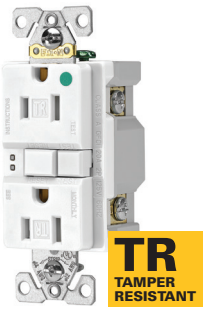
Hospital grade tamper resistant self-test GFCI receptacles

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

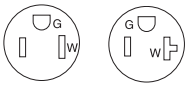


TRSGFH15

TRSGFH20

Description

2-Pole, 3-Wire Grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20



5-15R 5-20R

Design features

- Performs periodic self-tests to ensure integrity of GFCI protection. If no ground-fault protection is detected, the device will trip, will not reset, and the status indicator light will glow amber
- Meets and exceeds 10 kA short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards
- Large visual trip indicator light gives quick notification of a tripped or "end of life" condition
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Ground termination with back wire clamp provides secure wiring and reduces installation time
- Tamper resistant shutters resist the insertion of foreign objects
- Line side terminals are backed out and staked for fast installation
- Horizontal test/reset button alignment provides larger unobstructed area
- Test and reset buttons are color matched to provide superior aesthetics
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- When downstream receptacles are wired from load side, a 20 amp feed-through rating offers full protection
- Line-load miswiring protection: ShockSentry GFCI's will not provide power downstream when wired incorrectly
- Tri-combo head terminal and mounting screws

Table 1. Hospital Grade Tamper Resistant Self-Test GFCI Receptacles, Back & Side Wire

Catalog No.	Description	Amps	Volts	Color Suffix
☐ TRSGFH15__	NEMA 5-15R Hospital grade tamper resistant self-test GFCI, back & side wire	15	125	B, GY, LA, RD, V, W
☐ TRSGFH20__	NEMA 5-20R Hospital grade tamper resistant self-test GFCI, back & side wire	20	125	B, GY, LA, RD, V, W

Compliances, specifications and availability are subject to change without notice.

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Applications

GFCI receptacles are designed with the safety of the user in mind. In commercial and industrial areas like public bathrooms, breakrooms and food service areas, the NEC® requires GFCI receptacles. Arrow Hart Self-Test GFCI receptacles are UL Listed and fully compliant with all of the latest UL943 Class A GFCI and UL498 requirements. The Self-Test GFCIs conduct an automatic test periodically to ensure GFCI protection. The device will trip and will not reset if GFCI protection is not available. Additionally, GFCIs incorporate a safety lock-out function to protect against mis-wired line-load connections and GFCI circuitry damage.

Table 2. Specifications

TR TAMPER RESISTANT

Catalog No.	TRSGFH
Device Type	**Hospital grade tamper resistant duplex self-test GFCI, 15A & 20A**
Wiring Type	Back & side wire
Testing & Code Compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (Receptacles), UL498 Hospital grade and applicable CSA requirements • NOM certified
Environmental Specifications	**Flammability:** Meets UL 94 requirements; V2 rated **Temperature Rating:** -35ºC to 66ºC (-31ºF to 150.8ºF).
Electrical Specifications	**Dielectric Voltage:** Withstands 2000V per UL498 **Current Interrupting:** Yes, at full-rated current **Temperature Rise:** Max. 30ºC (86ºF) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; voltage: 125V; amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 amps
Mechanical Specifications	**Terminal Accommodation:** #14 - 10 AWG **Voltage Ratings:** Permanently marked on device

Table 3. Materials

Catalog No.	TRSGFH
Top Housing	Nylon
Bottom Housing	Polycarbonate
Strap	0.047" thick steel, zinc plated
Line Contacts	0.030" thick 3-leaf brass
Terminal Screws	#8-32 steel, brass plated, hot neutral screw nickel plated
Ground Screw	#8-32 steel, zinc plated (green)
Terminal Clamps	0.070" thick steel

Table 4. Color Ordering Information

For ordering devices, include Cat. No. followed by the color code: B (Brown), GY (Gray), LA (Lt. Almond), RD (Red), V (Ivory), W (White)

B	GY	LA	RD	V	W
Brown	Gray	Lt. Almond	Red	Ivory	White

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Wiring Diagrams

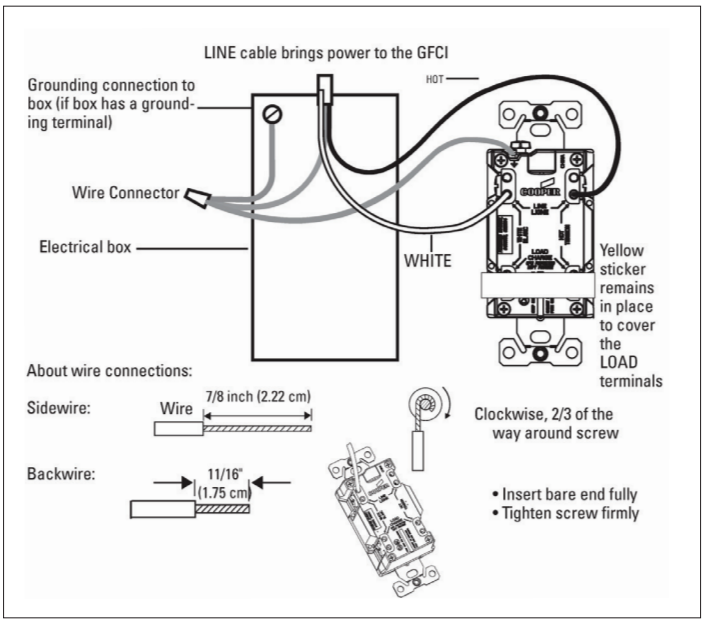

Figure 1. One cable (2 or 3 wires) entering the box

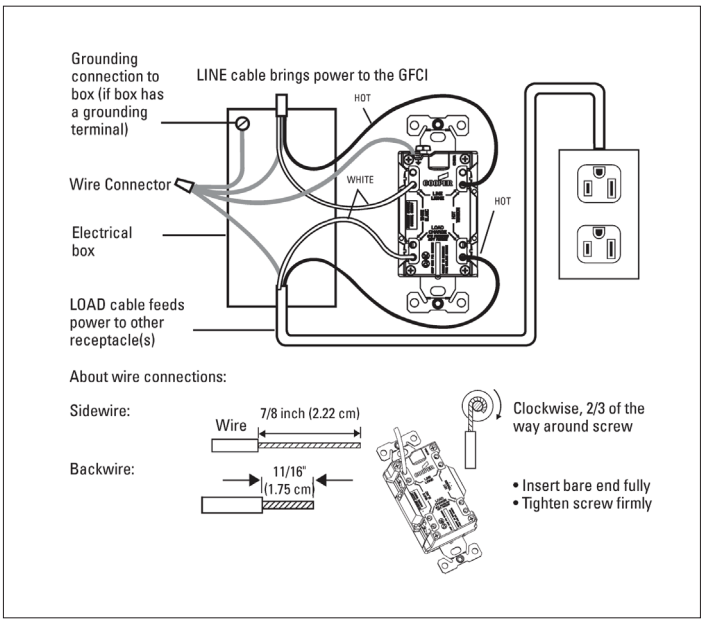

Figure 2. Two cables (4 or 6 wires) entering the box

Product Dimensions

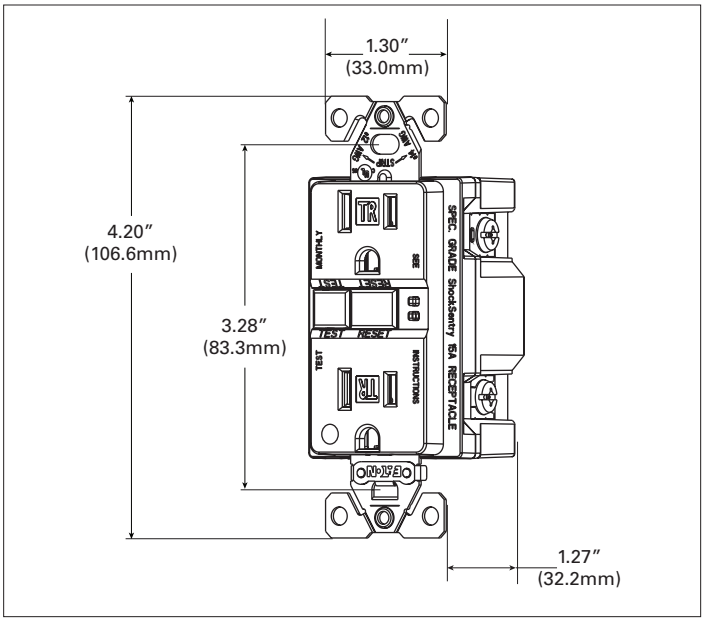

Figure 3. TRSGFH15 Line Art with Dimensions

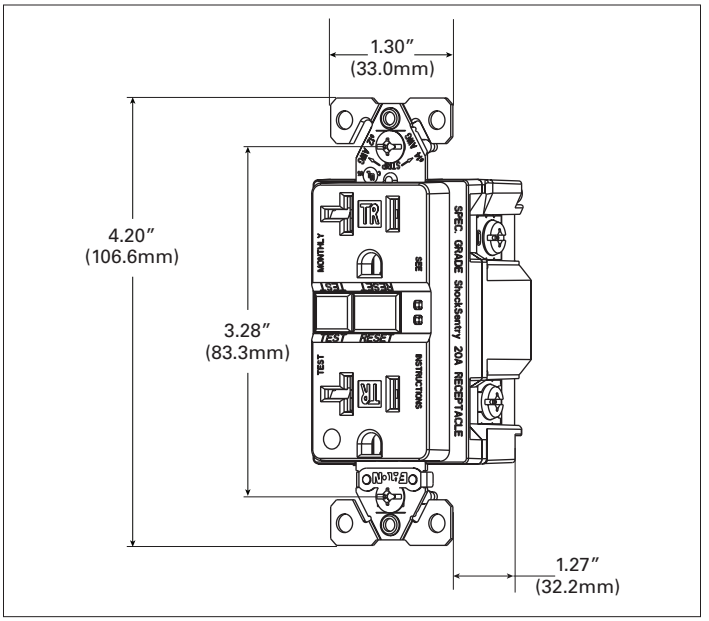

Figure 4. TRSGFH20 Line Art with Dimensions

Technical Data

Effective November 2014

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Certifications & Compliances

Catalog No.	cULus	NOM 426	Arrowlink	Build-To-Spec
TRSGFH15	•	•	•	•
TRSGFH20	•	•	•	•

KEY: cULus NOM Arrowlink Build-To-Spec

Build-To-Spec Customizable Devices

Compliances, specifications and availability are subject to change without notice.

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