

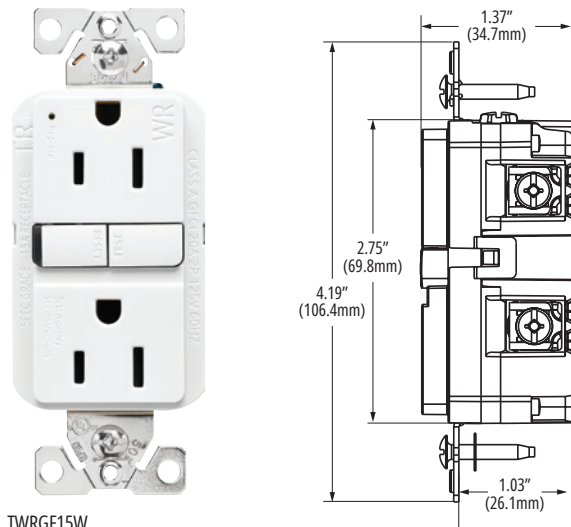
Technical Data

Self-test slim design Tamper & weather resistant GFCI receptacles

Arrow Hart

April 2023

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



TWRGF15W

AVAILABLE IN THESE COLORS

*For ordering devices, include Cat. no. followed by the color suffix, for example: GF15_W

B	BK	GY	LA	V	W
Brown	Black	Gray	Light Almond	Ivory	White

MATERIALS

Housing	Top: Thermoplastic, polycarbonate Bottom: Thermoplastic, PVC
Strap	0.042" thick steel, zinc-plated
Line contacts	0.030" thick brass
Terminal	Brass/nickel-plated steel

SPECIFICATIONS

Electrical	Dielectric voltage: Withstands 2000V per UL 498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) 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
Testing & code compliance	cULus Listed to UL 498 and UL 943, file no. E60120 Meets all UL 943 (GFCI), UL 498 (receptacles) and applicable CSA requirements; NOM certified; Federal Specification W-C-596H for 20A models
Environmental	Flammability: Meets UL 94 requirements; V2 rated Temperature rating: -35°C to 66°C (-31°F to 150.8°F)
Mechanical	Terminal accommodation: #14 - 10 AWG Voltage ratings: Permanently marked on device

TRIP INDICATORS

EOL Indicator Light	RESET Button Light	Diagnosis
OFF	OFF	Device is functioning properly, OR branch circuit may not have power
OFF	ON	Device is in tripped state
Blinking or ON	ON	Device is in "end of life" state and must be replaced



Arrow Hart Website
Buyer's Guide Product page

DESCRIPTION

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC



TAMPER & WEATHER RESISTANT GFCI RECEPTACLES, BACK & SIDE WIRE

Rating	A	V/AC	NEMA	Catalog no.	Color suffix
15	125	5-15R	□TWRGF15		B, BK, GY, LA, V, W
20	125	5-20R	□TWRGF20		B, BK, GY, LA, V, W

Wallplate not included unless specifically stated; *FedSpec certification on 20A only

APPLICATIONS

- Arrow Hart GFCI receptacles are UL Listed and fully compliant with all of the latest UL943 Class A GFCI and UL498 requirements
- GFCI protection is required wherever receptacles are near wet or damp locations, such as public bathrooms, garages, outdoor locations and food service areas, and all other areas mandated by the NEC

DESIGN FEATURES

- Slimmer design for easy installation, leaving more room for wires in the box
- Automatically self-tests periodically to ensure GFCI protection
- Child-safety black tamper resistant shutters help prevent improper insertion of foreign objects
- Complies with NEC Article 406.9 that states that all receptacles installed in wet or damp locations must be weather resistant (Must be installed in weatherproof box)
- Nickel-plated stainless steel strap and screws for added corrosion resistance
- GFCIs incorporate lock-out functionality to protect against mis-wired line-load connections and GFCI circuitry damage
- Wider button wells for easy TEST and RESET
- Intuitive LED status indicators for trip and end of life states
- Clean, modern industrial design with reduced top housing markings and neutral text direction on buttons
- Meets and exceeds 10 kA short circuit testing and Underwriters Laboratories (UL) UL943 safety standards
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- External backwire clamps provide visual confirmation of secure termination
- Line side terminals are backed out and staked for fast installation

COMPLEMENTARY PRODUCTS

Wallplates	PJS26, PJS262
While-in-use boxes	WIUX-1CL, WIUX-1GY, WIUX-1W

ADDITIONAL RESOURCES



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