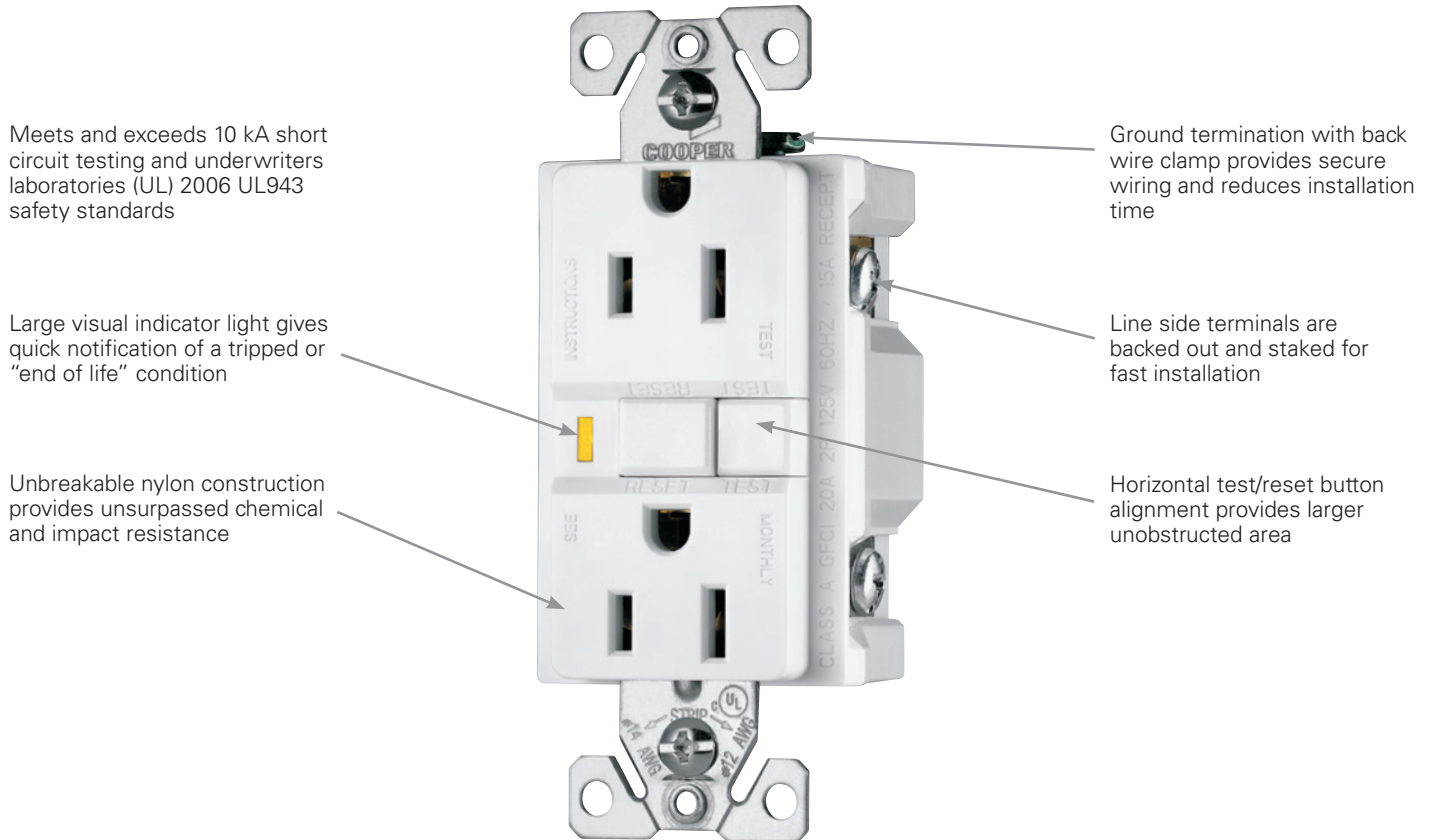# Specification grade GFCIs

ShockSentry GFCIs provide state-of-the-art, dependable electrical shock protection

In addition to being tested to the highest standards to help ensure safety, Arrow Hart GFCIs will deny power and prevent re-setting if the device is no longer able to provide safe, protected power

ShockSentry ground fault circuit interrupter features & benefits

Meets and exceeds 10 kA short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards

Large visual indicator light gives quick notification of a tripped or "end of life" condition

Unbreakable nylon construction provides unsurpassed chemical and impact resistance

Ground termination with back wire clamp provides secure wiring and reduces installation time

Line side terminals are backed out and staked for fast installation

Horizontal test/reset button alignment provides larger unobstructed area
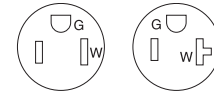
Additional features & benefits

- 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

- Test and reset buttons are color matched to provide superior aesthetics

- Longer, wider "bridge" strap provides 40% more contact area with wallboard, virtually eliminating floating installations

- Exclusive built-in wire stripper provides fast stripping of wire without tools

- Line-load miswiring protection: ShockSentry GFCI's will not provide power downstream when wired incorrectly

- Tri-combo head terminal and mounting screws

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

Specification grade GFCIs

Specification grade ground fault circuit interrupter receptacles

Product description
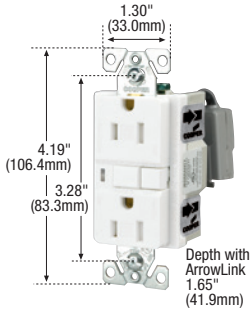
2-pole, 3-wire grounding
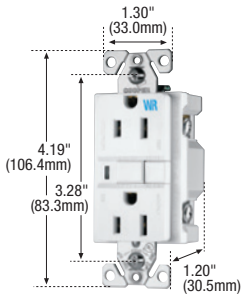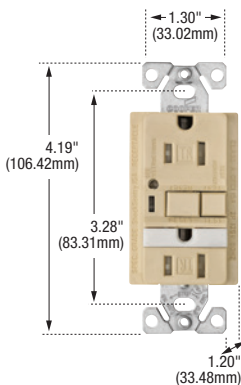15A, 125V/AC; 20A, 125V/AC, NEMA 5-15, 5-20

5-15R   **5-20R**

Tamper resistant specification grade GFCIs ᶜ(UL)ᵤₛ NOM 426 TR TAMPER RESISTANT

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	⯈⯈	⬡	🇺🇸
15	125	5-15R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ TRVGF15__	•	•	
			Duplex GFCI, mid-size wallplate, back & side wire	A, LA, V, W	☐ TRVGF15__-M			
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRVGF15F__	•	•	•
			Duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRVGFNL15__	•	•	
20	125	5-20R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ TRVGF20__	•	•	
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRVGF20F__	•	•	•
			Duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRVGFNL20__	•	•	

Weather resistant specification grade GFCIs ᶜ(UL)ᵤₛ NOM 426 WR WEATHER RESISTANT

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	⯈⯈	⬡	🇺🇸
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, V, W	☐ WRVGF15__	•	•	
			Duplex GFCI, back & side wire	B, GY, V, W	☐ WRVGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	B, BK, GY, V, W	☐ WRVGF20__	•	•	
			Duplex GFCI, back & side wire	B, GY, V, W	☐ WRVGF20F__	•	•	•

Tamper & weather resistant specification grade GFCIs ᶜ(UL)ᵤₛ NOM 426 TWR TAMPER & WEATHER RESISTANT

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	⯈⯈	⬡	🇺🇸
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRVGF15__	•	•	
			Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRVGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRVGF20__	•	•	
			Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRVGF20F__	•		•

Includes standard size unbreakable wallplate unless otherwise noted
Consult factory customer service representative for additional packaging options

Specification grade GFCIs ᶜ(UL)ᵤₛ NOM 426

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	⯈⯈	⬡	🇺🇸
15	125	5-15R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ VGF15__	•	•	
			Duplex GFCI, mid-size wallplate, back & side wire	A, LA, V, W	☐ VGF15__-M			
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ VGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ VGF20__	•	•	
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ VGF20F__	•	•	•

Includes standard size unbreakable wallplate unless otherwise noted
Consult factory customer service representative for additional packaging options

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Specification grade GFCI: H-16, H-17
Compliances, specifications and availability are subject to change without notice.

⯈ ArrowLink option available. Add "MOD" suffix to standard catalog number (example VGF15W, VGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page H-4

⬡ Build-to-spec customizable devices - Page H-3

🇺🇸 Indicates NAFTA compliant - Page Q-30

TR Tamper resistant   WR Weather resistant   TWR Tamper & weather resistant

Side panel images:

1.30" (33.0mm)
4.19" (106.4mm)
3.28" (83.3mm)
Depth with ArrowLink 1.65" (41.9mm)
TRVGF15_MOD

1.30" (33.0mm)
4.19" (106.4mm)
3.28" (83.3mm)
1.20" (30.5mm)
WRVGF15

1.30" (33.02mm)
4.19" (106.42mm)
3.28" (83.31mm)
1.20" (33.48mm)
TRVGFNL15

www.eaton.com
www.arrowhart.com

Specification grade GFCIs
specification & performance data

Specification grade ground fault circuit interrupter receptacles

Product description
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Device type	Specification grade tamper resistant & weather resistant duplex GFCI 15A & 20A; TRVGF, TRVGF__F, WRVGF, TWRVGF series, TRVGF___-AG **TR** TAMPER RESISTANT **WR** WEATHER RESISTANT **TWR** TAMPER & WEATHER RESISTANT	Specification grade GFCI 15A & 20A VGF and VGF__F series, VGF___-AG
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements • NOM certified	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35ºC to 66ºC (-31ºF to 150.8ºF)	**Flammability:** Meets UL94 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	**Dielectric voltage:** 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	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated; WR & TWR: nickel-plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** Terminal: brass/nickel-plated steel; WR & TWR brass/nickel-plated stainless steel; Ground: ground screw green on all models, WR and TWR stainless steel **Terminal clamps:** Brass-plated steel; WR & TWR nickel-plated steel	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel

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