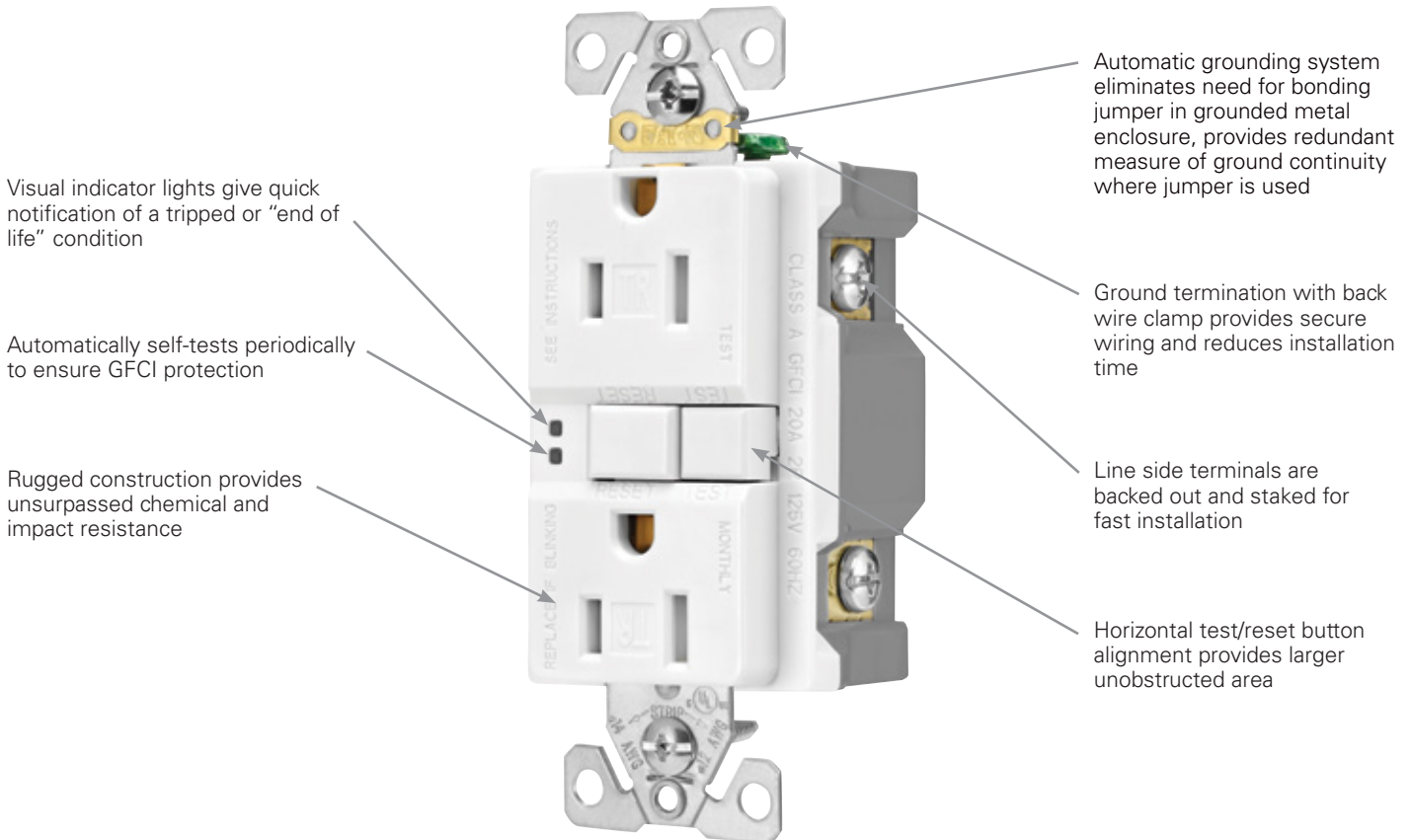


## Specification grade GFCIs

### 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

### Ground fault circuit interrupter features & benefits



#### Additional features & benefits

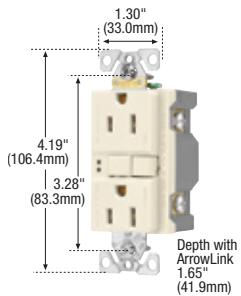
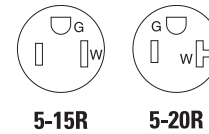
- Meets and exceeds 10 kA short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards
- Performs periodic self tests to ensure integrity of GFCI protection if no ground-fault protection is detected, the device will trip, will not reset and the status indicator light will glow amber
- 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: GFCIs will not provide power downstream when wired incorrectly
- Tri-combo head terminal and mounting screws

## Specification grade GFCIs

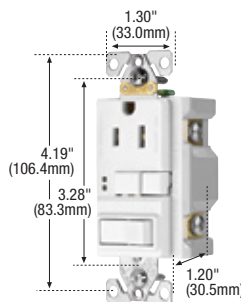
### Specification grade ground fault circuit interrupter receptacles

#### Product description

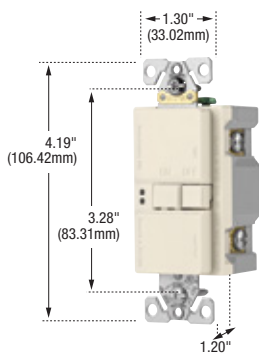
2-pole, 3-wire grounding  
15A, 125V/AC; 20A, 125V/AC  
NEMA 5-15, 5-20



SGF15






SGFS15



SGFD20

#### Specification grade GFCIs

| 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     | <input type="checkbox"/> SGF15__   | •           |   |
|        |     |       | Duplex GFCI, mid-size wallplate, back & side wire | A, LA, V, W                | <input type="checkbox"/> SGF15__-M |             |   |
|        |     |       | Duplex GFCI, back & side wire                     | B, BK, GY, LA, RD, V, W    | <input type="checkbox"/> SGF15F__  | • • •       |   |
| 20     | 125 | 5-20R | Duplex GFCI, back & side wire                     | A, B, BK, GY, LA, RD, V, W | <input type="checkbox"/> SGF20__   | •           |   |
|        |     |       | Duplex GFCI, back & side wire                     | B, BK, GY, LA, RD, V, W    | <input type="checkbox"/> SGF20F__  | • • •       |   |

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



#### Specification grade combination GFCI receptacle & switch

| Rating | A   | V/AC  | NEMA | Description  | Color suffix | Catalog no.                           |
|--------|-----|-------|------|--|--------------|---------------------------------------|
| 15     | 125 | 5-15R |      | GFCI receptacle with feed-through single-pole switch (rated 1800W @ 120V/AC, 60Hz) | A, LA, V, W  | <input type="checkbox"/> SGFS15__-MSP |

#### Specification grade blank face GFCI

| Rating | A   | V/AC | Description   | Color suffix    | Catalog no.                       |
|--------|-----|------|---|-----------------|-----------------------------------|
| 20     | 125 |      | Blank face (dead front) GFCI, rated as 1.5HP motor control switch, back & side wire | A, BK, LA, V, W | <input type="checkbox"/> SGFD20__ |

#### Accessories for GFCIs

| Description   | Color suffix  | Catalog no.                      |   |
|---|---------------|----------------------------------|---|
| GFCI 7/8" extension ring, cULus Listed  | BLK, LA, V, W | <input type="checkbox"/> GFER__  | •   |
| Metal self-closing horizontal 1-Gang weather protective cover, decorator opening  |               | <input type="checkbox"/> S1966   | • •   |
| While-in-use metal weather protective standard depth 1-Gang cover, vertical mount |               | <input type="checkbox"/> WIUMV-1 | • •   |



GFER



S1966



WIUMV-1



WIUMH-1


#### 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)

|          |          |               |           |              |           |          |          |
|----------|----------|---------------|-----------|--------------|-----------|----------|----------|
| <b>A</b> | <b>B</b> | <b>BK/BLK</b> | <b>GY</b> | <b>LA</b>    | <b>RD</b> | <b>V</b> | <b>W</b> |
| (Almond) | (Brown)  | (Black)       | (Gray)    | (Lt. Almond) | (Red)     | (Ivory)  | (White)  |

**Specification information:** Specification grade GFCI: H-18

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

 ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page H-4






 RoHS compliant - Page Q-32

# Specification grade GFCl 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: TRSGF, TRSGF__F, WRSGF, TWRSGF series  |    |
|--------------------------------------|--|---|
| <b>Wiring type</b>                   | Back & side wire   |   |
| <b>Testing &amp; code compliance</b> | <ul style="list-style-type: none"> <li>cULus Listed to UL498 and UL943, file no. E60120</li> <li>Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements</li> <li>NOM certified</li> </ul>   |   |
| <b>Environmental specifications</b>  | <b>Flammability:</b> Meets UL94 requirements; V2 rated<br><b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)  |   |
| <b>Electrical specifications</b>     | <b>Dielectric voltage:</b> Withstands 2000V per UL498<br><b>Current interrupting:</b> Yes, at full-rated current<br><b>Temperature rise:</b> max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)<br><b>Trip time:</b> 0.025 seconds (Class A)<br><b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through<br><b>Short circuit testing:</b> Meets and exceeds 10 kA<br><b>Maximum interrupting capacity:</b> 20 Amps   |   |
| <b>Mechanical specifications</b>     | <b>Terminal accommodation:</b> #14 - #10 AWG<br><b>Voltage ratings:</b> Permanently marked on device   |   |
| <b>Materials</b>                     | <b>Top housing:</b> Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant)<br><b>Bottom housing:</b> PVC<br><b>Strap:</b> 0.040" thick steel, zinc plated; WR & TWR: nickel plated<br><b>Line contacts:</b> 0.030" thick brass<br><b>Terminal &amp; ground screws:</b> Terminal: brass/nickel plated steel; WR & TWR brass/nickel plated stainless steel; Ground: ground screw green on all models, WR and TWR stainless steel<br><b>Terminal clamps:</b> Brass-plated steel; WR & TWR nickel plated steel |   |

| Device type                          | Specification grade GFCI 15A & 20A: SGF and SGF__F series   |
|--------------------------------------|---|
| <b>Wiring type</b>                   | Back & side wire  |
| <b>Testing &amp; code compliance</b> | <ul style="list-style-type: none"> <li>cULus Listed to UL498 and UL943, file no. E60120</li> <li>Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements</li> <li>NOM certified</li> </ul>  |
| <b>Environmental specifications</b>  | <b>Flammability:</b> Meets UL94 requirements; V2 rated<br><b>Temperature rating:</b> -35°C to 66°C (-31°F to 150.8°F)   |
| <b>Electrical specifications</b>     | <b>Dielectric voltage:</b> Voltage: withstands 2000V per UL498<br><b>Current interrupting:</b> Yes, at full-rated current<br><b>Temperature rise:</b> Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)<br><b>Trip time:</b> 0.025 seconds (Class A)<br><b>Frequency:</b> 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through<br><b>Short circuit testing:</b> Meets and exceeds 10 kA<br><b>Maximum interrupting capacity:</b> 20 Amps |
| <b>Mechanical specifications</b>     | <b>Terminal accommodation:</b> #14 - #10 AWG<br><b>Voltage ratings:</b> Permanently marked on device  |
| <b>Materials</b>                     | <b>Top housing:</b> Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant)<br><b>Bottom housing:</b> PVC<br><b>Strap:</b> 0.040" thick steel, zinc plated<br><b>Line contacts:</b> 0.030" thick brass<br><b>Terminal &amp; ground screws:</b> #8-32 steel, brass plated; neutral screw nickel plated, ground screw green<br><b>Terminal clamps:</b> 0.070" thick steel                        |

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