GFCIs that meet every need in commercial, industrial and institutional environments

Arrow Hart

Eaton's Arrow Hart
Ground fault circuit interrupters
Protecting people from electric shock hazards

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**Hospital grade GFCIs**

Designed for safety and reliability, Arrow Hart GFCI receptacles meet the strict standards of UL943 (GFCI) and UL498 (hospital grade receptacle standards). Plus, our broad line provides solutions including tamper resistant, ArrowLink modular and NAFTA compliant versions.

**Specification grade GFCIs**

Arrow Hart GFCI receptacles meet the stringent UL943 (GFCI) standards, plus our broad line provides solutions for commercial, industrial and institutional applications.

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**Arrow Hart’s** complete offering of **ground fault circuit interrupters (GFCIs)** is built to meet every need in commercial, industrial and institutional settings, whether permanent or temporary – and is fully compliant with the latest UL943 standards for GFCIs.

**Self-test GFCI UL943 standards**

- Auto-monitoring function that allows periodic automatic testing of GFCI
- Automatic test initiates within 5 seconds of power availability to the line or load terminals and repeats at least every 3 hours
- If auto-monitoring detects a problem, GFCI will have power denial (trip with the inability to reset)
- Visual and/or audible indicator will alert if there is a problem
- Trip with the ability to reset subject to the next auto-monitoring test cycle or repeatedly trip

**Arrow Hart GFCI**

- Auto-monitoring function that allows periodic automatic testing of GFCI
- Automatic test initiates within 1 second of power availability to the line or load terminals and repeats at least every 1.5 hours
- If auto-monitoring detects a problem, GFCI will have power denial (trip with the inability to reset)
- Visual indicator will alert if there is a problem
Tamper resistant, weather resistant, and tamper & weather resistant receptacles

Tamper resistant (TR) receptacles feature a built-in UL listed safety shutter system that prevents the insertion of foreign objects into the receptacle openings. The safety shutters will only open when a two-bladed plug presses simultaneously against the two shutters. Weather resistant (WR) GFCIs feature corrosion resistant hardware and UV resistant materials designed to withstand the elements.

How the tamper resistant system works:

- Shutters restrict access in closed position.
- Insertion of object in any one side will not open shutters.
- Insertion of two-bladed plug or grounding plug will open shutters.

Tamper resistant receptacle marks, identifiers and standards

- "TR" mold mark provides quick visual confirmation of tamper resistance when installed. Hospital Grade signified by green dot, having passed rigorous testing procedures.
- "WR" identifier quickly indicates during inspections that a weather resistant receptacle has been installed.
- Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

Commercial locations 2014 NEC
406.12 (B) guest rooms & guest suites
406.12 (C) child care facilities
517.18 (C) pediatric locations
Receptacles located in these areas shall be listed under tamper resistant or employ a listed tamper resistant cover.

Dwelling units
2014 NEC - 406.12 (A)
In all areas specified in 210.52 all 125-volt, 15- and 20-amp receptacles shall be listed tamper resistant receptacles.

Damp or wet locations
2014 NEC - 406.9
All 15- and 20-amp, 125- and 250-volt non-locking receptacles installed in wet or damp locations shall be weather resistant receptacles.
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

- Automatically self-tests periodically to ensure GFCI protection
- Rugged construction provides unsurpassed chemical and impact resistance
- Visual indicator lights give quick notification of a tripped or “end of life” condition
- 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
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used

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

Tamper resistant specification grade GFCIs

<table>
<thead>
<tr>
<th>Rating</th>
<th>V/AC</th>
<th>NEMA</th>
<th>Description</th>
<th>Color suffix</th>
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<tbody>
<tr>
<td>15</td>
<td>125</td>
<td>5-15R</td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>A, B, BK, GY, LA, V, W</td>
<td>TRSGF15__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, mid-size wallplate, back &amp; side wire</td>
<td>A, LA, V, W</td>
<td>TRSGF15__-M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI back &amp; side wire</td>
<td>B, BK, GY, LA, RD, V, W</td>
<td>TRSGF15F__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI with nightlight, back &amp; side wire</td>
<td>A, BK, LA, V, W</td>
<td>TRSGFNL15__</td>
</tr>
<tr>
<td>20</td>
<td>125</td>
<td>5-20R</td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>A, B, BK, GY, LA, RD, V, W</td>
<td>TRSGF15__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, BK, GY, LA, RD, V, W</td>
<td>TRSGF15F__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI with nightlight, back &amp; side wire</td>
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Weather resistant specification grade GFCIs

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<tr>
<th>Rating</th>
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<th>NEMA</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>15</td>
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<td>5-15R</td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, GY, LA, V, W</td>
<td>WRSGF15__</td>
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<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, GY, LA, V, W</td>
<td>WRSGF15F__</td>
</tr>
<tr>
<td>20</td>
<td>125</td>
<td>5-20R</td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, GY, LA, V, W</td>
<td>WRSGF20__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, GY, LA, V, W</td>
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</table>

Tamper & weather resistant specification grade GFCIs

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<tr>
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<td>5-20R</td>
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<tr>
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<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, GY, LA, V, W</td>
<td>TWRSGF20F__</td>
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</tbody>
</table>

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)

EATON Arrow Hart ground fault circuit interrupters

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

### Specification grade GFCIs

<table>
<thead>
<tr>
<th>Rating</th>
<th>V/AC</th>
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<tbody>
<tr>
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<td>125</td>
<td>5-15R</td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>A, B, BK, GY, LA, V, W</td>
<td>SGF15__</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, mid-size wallplate, back &amp; side wire</td>
<td>A, LA, V, W</td>
<td>SGF15__-M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, BK, GY, LA, RD, V, W</td>
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<td>SGF20__</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Duplex GFCI, back &amp; side wire</td>
<td>B, BK, GY, LA, RD, V, W</td>
<td>SGF20F__</td>
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Includes standard size unbreakable wallplate unless otherwise noted  
Consult factory customer service representative for additional packaging options

### Specification grade combination GFCI receptacle & switch

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<tr>
<th>Rating</th>
<th>V/AC</th>
<th>NEMA</th>
<th>Description</th>
<th>Color suffix</th>
<th>Catalog no.</th>
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<tbody>
<tr>
<td>15</td>
<td>125</td>
<td>5-15R</td>
<td>GFCI receptacle with feed-through single-pole switch (rated 1800W @ 120V/AC, 60Hz)</td>
<td>A, LA, V, W</td>
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### Specification grade blank face GFCI

<table>
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<tr>
<th>Rating</th>
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<th>NEMA</th>
<th>Description</th>
<th>Color suffix</th>
<th>Catalog no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>125</td>
<td></td>
<td>Blank face (dead front) GFCI, rated as 1.5HP motor control switch, back &amp; side wire</td>
<td>A, BK, LA, V, W</td>
<td>SGFD20__</td>
</tr>
</tbody>
</table>

### Accessories for GFCIs

<table>
<thead>
<tr>
<th>Description</th>
<th>Color suffix</th>
<th>Catalog no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GFCI 7/8&quot; extension ring, cULus Listed</td>
<td>BLK, LA, V, W</td>
<td>GFER__</td>
</tr>
<tr>
<td>Metal self-closing horizontal 1-gang weather protective cover, decorator opening</td>
<td>S1966</td>
<td></td>
</tr>
<tr>
<td>While-in-use metal weather protective standard depth 1-gang cover, vertical mount</td>
<td>WIUMV-1</td>
<td></td>
</tr>
</tbody>
</table>

### 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)

- **(Almond)**  
- **(Brown)**  
- **(Black)**  
- **(Gray)**  
- **(Lt. Almond)**  
- **(Red)**  
- **(Ivory)**  
- **(White)**

**ArrowLink option available. Add “MOD” suffix to standard catalog number (example VGF15W, VGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors**

**Indicates NAFTA compliant**

**Tamper resistant**

### Specification information:

Page 9 & 10  
Comply with specifications and availability are subject to change without notice.
Hospital grade GFCIs

Hospital grade protection devices
Arrow Hart’s line of hospital grade GFCIs provide protection for both people and sensitive equipment

Ground fault circuit interrupter features & benefits

- Large visual indicator light gives quick notification of a tripped or “end of life” condition
- Automatically self tests periodically to ensure GFCI protection
- Unbreakable nylon construction provides unsurpassed chemical and impact resistance

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
### Hospital grade ground fault circuit interrupter receptacles

**Product description**

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

#### Tamper resistant hospital grade GFCIs

<table>
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<tr>
<th>Rating</th>
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<th>NEMA</th>
<th>Description</th>
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</tr>
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<tbody>
<tr>
<td>15</td>
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<td>5-15R</td>
<td>Hospital GFCI, back &amp; side wire</td>
<td>B, LA, RD, V, W</td>
<td>TRSGFH15__</td>
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<td></td>
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<td></td>
<td>Hospital GFCI, back &amp; side wire</td>
<td>B, GY, LA, RD, V, W</td>
<td>TRSGFH15F__</td>
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<tr>
<td>20</td>
<td>125</td>
<td>5-20R</td>
<td>Hospital GFCI, back &amp; side wire</td>
<td>B, GY, RD, V, W</td>
<td>TRSGFH20__</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Hospital GFCI, back &amp; side wire</td>
<td>B, GY, LA, RD, V, W</td>
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</table>

Includes standard size unbreakable wallplate

#### Hospital grade GFCIs

<table>
<thead>
<tr>
<th>Rating</th>
<th>V/AC</th>
<th>NEMA</th>
<th>Description</th>
<th>Color suffix</th>
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<td>Hospital GFCI, back &amp; side wire</td>
<td>B, GY, LA, RD, V, W</td>
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<table>
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<tr>
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<td>SGFH20__</td>
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<td></td>
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<td>Hospital GFCI, back &amp; side wire</td>
<td>B, GY, LA, RD, V, W</td>
<td>SGFH20F__</td>
</tr>
</tbody>
</table>

Includes standard size unbreakable wallplate

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**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)

- ArrowLink option available. Add “MOD” suffix to standard catalog number (example VGF15W, VGF15W_MOD).
- Indicates NAFTA compliant
- Tamper resistant

**Specification information:** Page 11

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

<table>
<thead>
<tr>
<th>Specification grade tamper resistant &amp; weather resistant duplex TRSGF, TRSGF_F, WRSGF, TWRSGF series</th>
</tr>
</thead>
</table>

#### Wiring type
- 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

#### Environmental specifications
- Flammability: Meets UL94 requirements; V2 rated
- Temperature rating: -35°C to 86°C (-31°F to 150.8°F)

#### Electrical specifications
- **Dielectric voltage:** Withstands 2000V per UL498
- **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

#### Mechanical specifications
- **Terminal accommodation:** #14 - #10 AWG
- **Voltage ratings:** Permanently marked on device

#### Materials
- **Top housing:** Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant)
- **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; neutral screw nickel plated, ground screw green
- **Terminal clamps:** Brass-plated steel; WR & TWR nickel-plated steel

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### 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

<table>
<thead>
<tr>
<th>Specification grade 15A &amp; 20A: SGF and SGF_F series</th>
</tr>
</thead>
</table>

#### Wiring type
- 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

#### Environmental specifications
- Flammability: Meets UL94 requirements; V2 rated
- Temperature rating: -35°C to 86°C (-31°F to 150.8°F)

#### Electrical specifications
- **Dielectric voltage:** Voltage: withstands 2000V per UL498
- **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

#### Mechanical specifications
- **Terminal accommodation:** #14 - #10 AWG
- **Voltage ratings:** Permanently marked on device

#### Materials
- **Top housing:** Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant)
- **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

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Compliances, specifications and availability are subject to change without notice.
### Specification grade GFCIs

**specification & performance data**

## Specification grade ground fault circuit interrupters

### Product description

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

<table>
<thead>
<tr>
<th>Device type</th>
<th>Specification grade GFCI w/ nightlight, TRSGFN-L_</th>
<th>Specification grade blank face GFCI, 20A: SGFD20 series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wiring type</strong></td>
<td>Back &amp; side wire</td>
<td>Back &amp; side wire</td>
</tr>
</tbody>
</table>
| **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), UL508 (motor control) and applicable CSA requirements  
• NOM certified |
| **Environmental specifications** | Flammability: Meets UL94 requirements; V2 rated  
| Temperature rating: 
\(-35^\circ C to 66^\circ C (-31^\circ F to 150.8^\circ F)\) | Flammability: Meets UL94 requirements; V2 rated  
| Temperature rating: 
\(-35^\circ C to 66^\circ C (-31^\circ F to 150.8^\circ F)\) |
| **Electrical specifications** | Dielectric voltage: Voltage withstands 2000V per UL498  
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  
Short circuit testing: Meets and exceeds 10 kA  
Maximum interrupting capacity: 20 Amps | Dielectric voltage: Withstands 2000V per UL498  
Current interrupting: Yes, at full-rated current  
Temperature rise: N/A  
Short circuit testing: Meets and exceeds 10 kA |
| **Mechanical specifications** | Base device terminal accommodation: #14 - #10 AWG  
Voltage ratings: Permanently marked on device | Base device terminal accommodation: #14 - #10 AWG  
Voltage ratings: Permanently marked on device |
| **Materials** | Top housing: Polypropylene  
Lens: Thermoplastic, PC  
Bottom housing: Polycarbonate  
Strap: 0.047" thick steel, zinc plated  
Line contacts: 0.030" thick brass  
Terminal & ground screws: #8-32 steel, brass plated; neutral screw, ground screw nickel plated, ground screw green  
Illumination: 4 LED’s, 140 Max lumens output, 1Fc @ 0.9 ft. 50,000 hours lamp life | Top housing: Nylon  
Bottom housing: PVC  
Strap: 0.040" thick steel, zinc plated  
Line contacts: N/A  
Terminal & ground screws: #8-32 steel, brass plated; neutral screw, ground screw green  
Terminal clamps: 0.070” thick steel |

Compliances, specifications and availability are subject to change without notice.
Hospital grade GFCIs
specification & performance data

Hospital 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

<table>
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<tr>
<th>Device type</th>
<th>Hospital grade tamper resistant duplex GFCI 15A &amp; 20A: TRSGFH and TRSGFH_F series</th>
<th>Hospital grade duplex GFCI 15A &amp; 20A: SGFH series and SGFH_F series</th>
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<tbody>
<tr>
<td>Wiring type</td>
<td>Back &amp; side wire</td>
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<td>Testing &amp; code compliance</td>
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<td>• Meets all UL943 (GFCI), UL498 (Receptacles), UL498</td>
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<td>Hospital grade and applicable CSA requirements</td>
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<td>• NOM certified</td>
<td>• NOM certified</td>
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</tbody>
</table>

Environmental specifications
Flammability: Meets UL94 requirements; V2 rated
Temperature: -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 rating: Permanently marked on device

Materials
Top housing: Nylon
Bottom housing: Polycarbonate
Strap: 0.047” thick steel, zinc plated
Line contacts: 0.030” thick brass
Terminal & ground screws: #6-32 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.