

Applications

Power Generators
Submersible Pumps
Textile

Agricultural Equipment
Cement Cutting Equipment
Food Processing

Production Assembly Equipment
Spa and Hot Tubs
Vending Equipment



Extra Heavy Duty Industrial Circuit Guard® Hard Wired 30A GFCI - UL Type 4X Rated

| Description | Voltage | Alarm | Manual Set | Automatic Set |
|---|----------------|---------|------------------|------------------|
| Hard wired, manual set and automatic set GFCIs. | 120V AC | None | GFHW13005 | GFHW13105 |
| | 120V AC | Audible | GFHW13015 | GFHW13115 |
| | 240V AC | None | GFHW23005 | GFHW23105 |
| | 240V AC | Audible | GFHW23015 | GFHW23115 |
| | 120/240V AC | Audible | GFHW33015 | GFHW33115 |
| | 3Ø 250V AC | None | GFHW530 | GFHW531 |
| | 3Ø 120/208V AC | None | GFHW430 | GFHW431 |

Specifications

| Electrical Ratings | |
|--------------------------------|--|
| Rated Voltage | 120V AC, 240V AC, 120/240V AC, 3Ø 250V AC, 3Ø 120/208V AC. |
| Operating Voltage Range | 85% to 110%. |
| Current | Up to 30A or device rating. |
| Frequency | 60 Hz. |
| Trip Level | 4-6 mA. |
| Phase | Single. |
| Response Time | .025 sec. Max. |
| Dielectric Withstand | 1500 VRMS across contact, 4000 VRMS between conductors and enclosure. |
| Surge Withstand | 6000V impulse, 0.5 microseconds rise time 100kHz ringing frequency with 40% decay per cycle. |
| Let Go Line Voltage | 60% of rated. |
| Grounded Neutral Detection | 6 Ohms or less. |
| Power Up | Manual or automatic reset. |
| Environmental Ratings | |
| Housing Rating | UL Type 4X. |
| Construction | Industrial grade design. |
| Type | Class A GFCI. |
| Operating Temperature | -35°C to 66°C, -30°F to 150°F. |
| Leakage Current @ 93% Humidity | Zero. |

| Features | |
|-----------------------------|--|
| Life (Endurance) | 10,000 cycles (6000 with load and 4000 without load). Open neutral protection Trips upon loss of neutral. |
| Grounded Neutral Protection | Trips if ground and neutral touch at load side. |
| Power On Indicator | Green light on. |
| Power Off Indicator | Red blinking light plus optional audible alarm. |
| Wiring Application | 3 Wire Single Phase (Hot, Neutral and Ground), 4 Wire Single Phase (Line 1, Line 2, Neutral and Ground). |
| Switch Interface | Double Insulated. |
| Latching Mechanism | Electromagnetic. |

| Physical Specifications | |
|--|---|
| Wire Leads | #10 AWG, 24" long. |
| Unit Color | Gray with black cover. |
| Label Color on Portable and Hard Wired Units | Automatic reset: yellow background with black lettering. Manual reset: black background with yellow lettering. |
| Weight | 1.40 lbs. |

Related Code

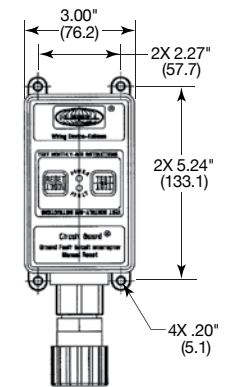
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|--------------------|--|
| Confined Space | OSHA 29 CFR 1926.404 (b) (1) (ii) OSHA 29 CFR 1926.405 (a) (2) (ii) (G) |
| Construction Sites | NEC 590.6 |
| Commercial Garages | NEC 511.12 |
| Fountains | NEC 680.5B |
| Spas and Hot Tubs | NEC 680.40 |
| Marinas | NEC 555.3 |



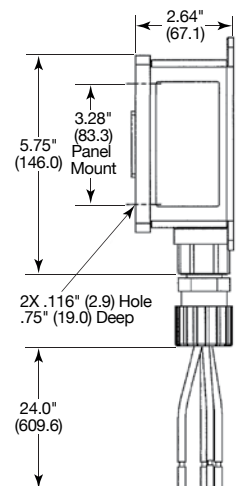
Automatic Reset GFCI



Manual Reset GFCI



Product Dimensions



Side View

Dimensions in Inches (mm)