

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	Automatic Set	Manual Set
Hard wired, manual set and automatic set GFCIs.	120V AC	None	GFHW13105	GFHW13005
	120V AC	Audible	GFHW13115	GFHW13015
	240V AC	None	GFHW23105	GFHW23005
	240V AC	Audible	GFHW23115	GFHW23015
	120/240V AC	Audible	GFHW33115	GFHW33015
	3Ø 250V AC	None	GFHW531	GFHW530
	3Ø 120/208V AC	None	GFHW431	GFHW430
	3Ø 208V AC	None	GFHW83105	—

Specifications

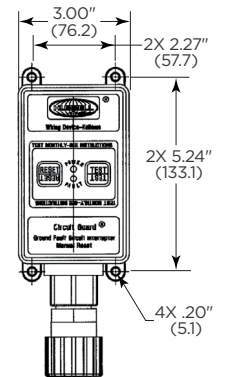
Electrical Ratings	
Rated Voltage	120V AC, 240V AC, 120/240V AC, 3Ø 250V AC, 3Ø 120/208V AC
Operating Voltage Range	85% to 110%
Current	Up to 30A or device rating
Frequency	60 Hz
Trip Level	4-6 mA
Phase	Single
Response Time	.025 sec. Max
Dielectric Withstand	1500 VRMS across contact, 4000 VRMS between conductors and enclosure. 6000V impulse, 0.5 microseconds rise time 100kHz ringing frequency with 40% decay per cycle
Surge Withstand	60% of rated
Let Go Line Voltage	6 Ohms or less
Grounded Neutral Detection	Manual or automatic reset
Power Up	
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	
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



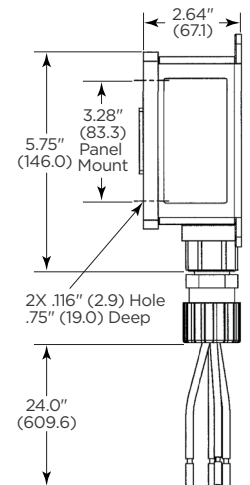
Automatic Reset GFCI



Manual Reset GFCI



Product Dimensions



Side View

Dimensions in Inches (mm)