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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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# LineGard | PGFI Series

## 30 Amp Portable Series (Cord) GFCI / ELCI

### INTRODUCTION

The LineGard™ 30 Amp Portable Series is an industrial grade ground fault interrupter device designed and manufactured by North Shore Safety, Ltd., a leader in innovated safety products.

Available with an operating voltage of 120 VAC, 208 VAC, 240 VAC or 277 VAC (UL 1053 compliant), this product can be integrated during after-market equipment upgrades or used as a stand-alone portable cordset. All units are MADE IN THE USA and are listed per UL 943 and CSA 22.2 No.144. Note that any power cord integrated with this GFCI becomes OSHA compliant for portable power usage in confined space: OSHA 29 CFR 1926.404 (b)(1)(ii) and OSHA 29 CFR 1926.405 (a)(2)(ii)(G). Additionally, these devices meet NEC requirement 590.6 (a) and (b).

### FEATURES

- Power and fault status indicators
- Double insulated user interface
- Industrial design for rough service
- Chemical and UV resistant enclosure
- cULus Listed as a Class A GFCI per UL 943 and CSA 22.2 No. 144
- 30 amp, 3-wire configurations in 120VAC, 208 VAC, 240 VAC or 277 VAC (UL 1053)
- NEMA 4X and 6P wet location rated (indoor / outdoor)
- Available in automatic or manual reset configurations\*

### SPECIFICATIONS

<b>Listing Type</b>	cULus Listed Class A UL 943 CSA 22.2 No. 144
<b>Rated Supply Voltage</b>	120 VAC, 240 VAC, 208 VAC, 277 VAC (UL 1053 compliant)
<b>Rated Current</b>	Up to 30 Amps or rating of wiring device and/or cable
<b>Trip Level, Class A</b>	5mA +/- 1mA (UL 943)
<b>Operating Frequency</b>	60 Hz
<b>Reset Type<sup>1</sup></b>	Automatic or Manual
<b>Response Time</b>	25mS max
<b>Operating Temperature</b>	-35°C to 66°C
<b>Operating Voltage Range</b>	85% to 110% of rated VAC
<b>Let-Go Voltage</b>	60% of supply voltage
<b>Open Neutral Protection<sup>2</sup></b>	Trips upon loss of neutral
<b>Grounded Neutral Protection<sup>2</sup></b>	Trips if ground and neutral touch at load side

1. Manual configuration should be specified if automatic start-up after power restoration of circuit power creates an unsafe condition.

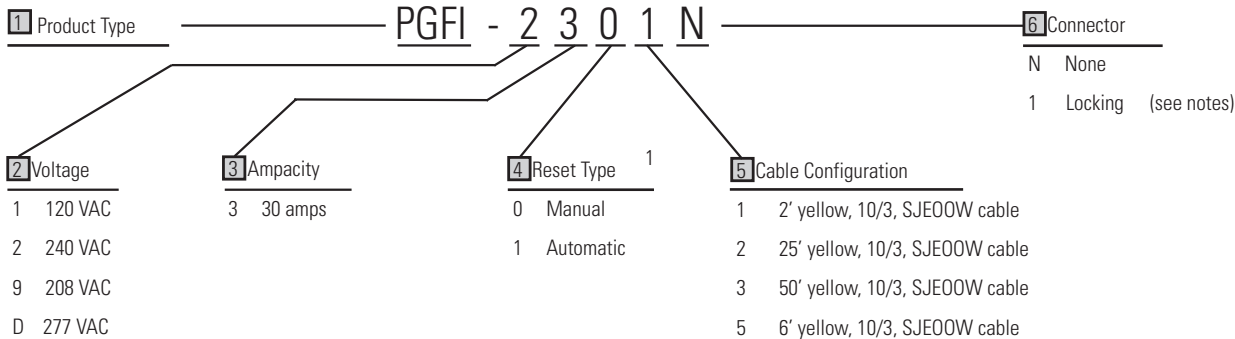
2. Applicable models only

RELATED CODES	
<b>Confined Space</b>	OSHA 29 CFR 1926.404 (b)(1)(ii), OSHA 29 CFR 1926.405 (a)(2)(ii)(G)
<b>Construction Sites</b>	(NEC 590.6)
<b>Commercial Garages</b>	(NEC 511.12)
<b>Outdoor Signs</b>	(NEC 600.10)
<b>Fountains &amp; Water Displays</b>	(NEC 680.58)
<b>Spa &amp; Hot Tubs</b>	(NEC 680.40)
<b>Marinas &amp; Boat Yards</b>	(NEC 555.3)

**APPLICATION OPPORTUNITIES:**

- Electrical wet locations
- Power generators
- Agricultural equipment
- Outdoor electrical equipment
- Cement cutting equipment
- Portable electric heaters
- Submersible pumps
- Pipeline heaters
- Automotive garages
- Industrial part washers
- Outdoor signage
- De-icing equipment (roof heaters)

**DECISION TABLES**



Note: 1. Manual configuration should be specified if automatic power-up, after power restoration of circuit power, could create an unsafe condition.  
 2. Units are configured with SJTW cable and molded locking non-watertight connectors configured to 30 Amps.  
 3. Custom cord sets are available. Please consult Airpax for other options

NEMA and IEC 309 Connectors available

