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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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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LineGard | PGFI Series

30 Amp Multi-Phase 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 120/240 VAC, 3Ø 120/208 VAC, 3Ø 240 VAC (certified to CSA 22.2 only) or 3Ø 208 VAC, 3Ø 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 configurations in 120/240 VAC 4-wire, 3Ø 120/208 VAC 5-wire, 3Ø 240 VAC 4-wire, 3Ø 208 VAC 4-wire, 3Ø 277 VAC 4-wire (UL 1053)
- NEMA 4X and 6P wet location rated (indoor / outdoor)
- Available in automatic or manual reset configurations*

SPECIFICATIONS

Listing Type	cULus Listed Class A UL 943, UL 1053 CSA 22.2 No. 144
Rated Supply Voltage	120/240 VAC, 3Ø 120/208 VAC, 3Ø 240 VAC (CSA only), 3Ø 208 VAC, 3Ø 277 VAC (UL 1053)
Rated Current	Up to 30 Amps or rating of wiring device and/or cable
Horse Power	1HP @ 120 VAC, 3HP @ 240 VAC
Trip Level, Class A	5mA +/- 1mA
Phase	Dual voltage and 3 phase
Operating Frequency	60 Hz
Reset Type¹	Automatic or Manual
Response Time	25mS max
Operating Temperature	-35°C to 66°C
Operating Voltage Range	85% to 110% of rated VAC
Let-Go Voltage	60% of supply voltage
Open Neutral Protection	Trips upon loss of neutral
Grounded Neutral Protection	Trips if ground and neutral touch at load side

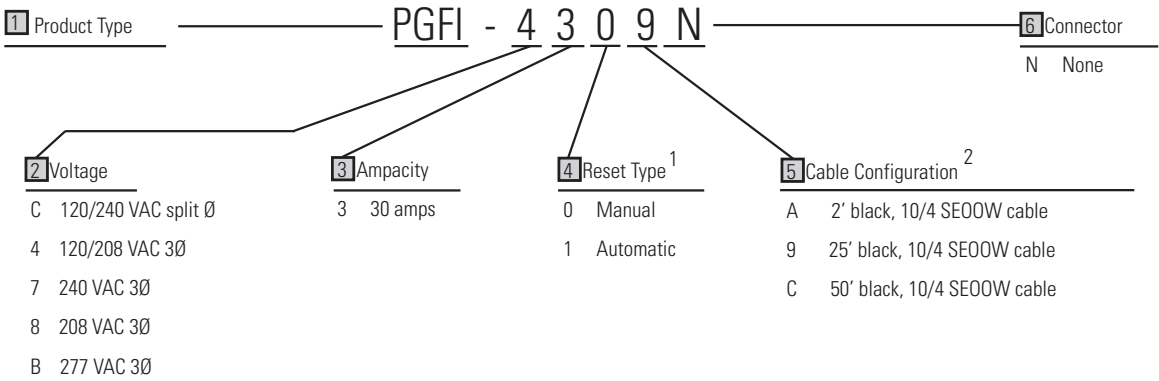
1. Manual configuration should be specified if automatic start-up after power restoration of circuit power creates an unsafe condition.

RELATED CODES	
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)
Outdoor Signs	(NEC 600.10)
Fountains & Water Displays	(NEC 680.58)
Spa & Hot Tubs	(NEC 680.40)
Marinas & Boat Yards	(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. 120/208 VAC 3Ø configurations use 10/5 SE00W cable

Flying Leads (SE00W)

