



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

Listing Type	cULus Listed Class A UL 943 CSA 22.2 No. 144
Rated Supply Voltage	120 VAC, 240 VAC, 208 VAC, 277 VAC (UL 1053 compliant)
Rated Current	Up to 30 Amps or rating of wiring device and/or cable
Trip Level, Class A	5mA +/- 1mA (UL 943)
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 Protection²	Trips upon loss of neutral
Grounded Neutral Protection²	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

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

1 Product Type	PGFI - 2 3 0 1 N				6 Connector
					N None
					1 Locking (see notes)
2 Voltage	3 Ampacity	4 Reset Type	5 Cable Configuration		
1 120 VAC	3 30 amps	0 Manual	1 2' yellow, 10/3, SJE00W cable		
2 240 VAC		1 Automatic	2 25' yellow, 10/3, SJE00W cable		
9 208 VAC			3 50' yellow, 10/3, SJE00W cable		
D 277 VAC			5 6' yellow, 10/3, SJE00W cable		

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

