



# LineGard | PGFI Series

## 40, 50 & 60 Amp Portable Series (Cord) ELCI

### INTRODUCTION

The LineGard™ 40, 50 and 60 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. These devices are designed for industrial and trade applications such as welders, pumps, motors and generators and come standard with selectable key switching for fault level threshold, power on and reset type (automatic vs. manual) settings.

As configured the device has three fault threshold settings of 6mA, 10mA and 30mA, with all engineered trip times of 25mS or less. These units come standard with a 6' primary cord and a 6' secondary cord length with flying leads for field configuring. Integrated NEMA or IEC 309 wiring devices are also available as factory customs. The enclosure is configured with floor mount feet but is additionally supplied with wall or surface mounted feet for more permanent installations. All units are MADE IN THE USA and are UL 1053 Compliant.

### FEATURES

- Power and fault status indicators
- Double insulated user interface
- UL1053 compliant
- Chemical and UV resistant enclosure
- 40, 50 and 60 amp configurations in 1Ø 120 VAC, 1Ø 240 VAC, 1Ø 208 VAC, 1Ø 277 VAC, 120/240 VAC, 3Ø 240 VAC, 3Ø 208 VAC, 3Ø 277 (Available with or without neutral), 3Ø 480 VAC, 3Ø 600 VAC
- Fault level key switch - max. trip threshold 6mA, 10mA, and 30mA
- Surge protection optional
- NEMA 4X wet location rated (indoor / outdoor)
- Automatic or manual reset key switch<sup>1</sup>

### SPECIFICATIONS

<b>Rated Supply Voltage</b>	120 VAC 1Ø to 600 VAC 3Ø
<b>Rated Current</b>	40 thru 60 Amps or rating of wiring device and/or cable
<b>Trip Level</b>	Field selectable threshold @ 6mA, 10mA and 30mA
<b>Phase</b>	Single, dual and three phase
<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</b>	Trips upon loss of neutral
<b>Grounded Neutral Protection</b>	Trips if ground and neutral touch at load side

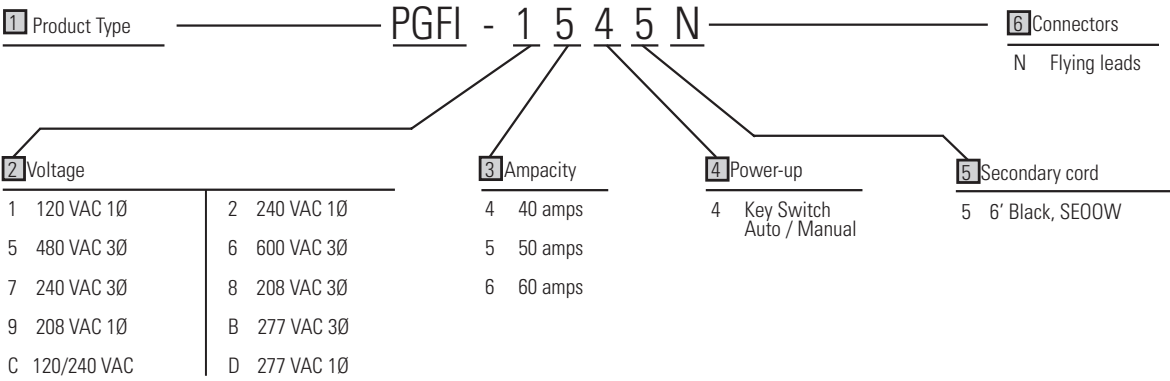
1. Manual configuration should be specified if automatic start-up after power restoration of circuit power creates an unsafe condition.

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**



Contact Sensata for custom integrated connectors

