

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

- Power and fault status indicators
- Double insulated user interface
- Chemical and UV resistant enclosure
- UL 1053 Compliant
- 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
- Automatic or manual reset key switch<sup>1</sup>



## Product Description:

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.

## Specifications:

Type:	ELCI - Equipment Leakage Circuit Interrupter
Voltage:	120 VAC 1Ø to 600 VAC 3Ø
Operating voltage range:	85% to 110% of rated VAC
Current:	40 amps through 60 amps
Frequency:	60 Hz
Trip level:	Field selectable threshold @ 6mA, 10mA and 30mA
Phase:	Single, dual and three phase
Response time:	25mS max.
Operating temperature:	-35°C to 66°C
Let-go voltage:	60% of supply voltage
Reset type:	Field selectable Automatic or manual <sup>1</sup>
Open neutral protection:	Trips upon loss of neutral
Grounded neutral protection:	Trips if ground and neutral touch at load side
Power-up:	Key switch initiated (lockout)
Switch interface:	Double insulated
Latching mechanism:	Electro-magnetic

Note: 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 and water displays  
 (NEC 680.58)

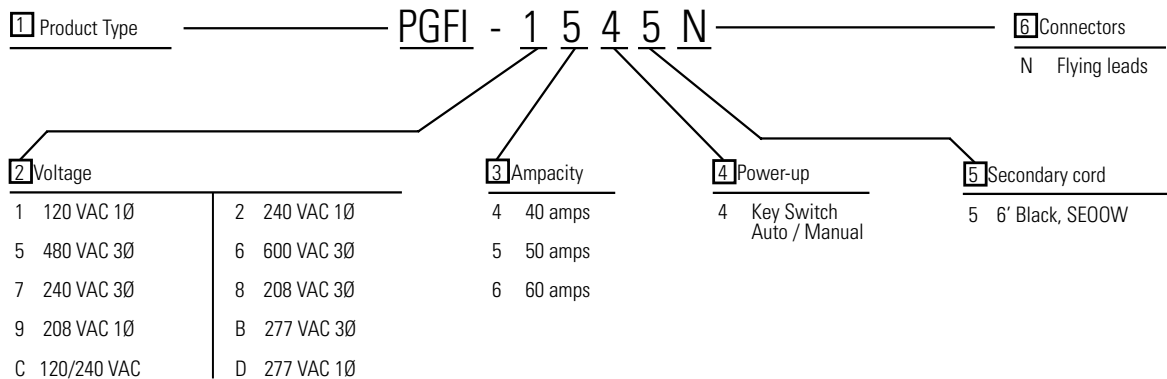
Spa and hot tubs  
 (NEC 680.40)

Marinas and boat yards  
 (NEC 555.3)

## Application Opportunities:

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

## ORDERING EXAMPLE:



Contact Airpax for custom integrated connectors

