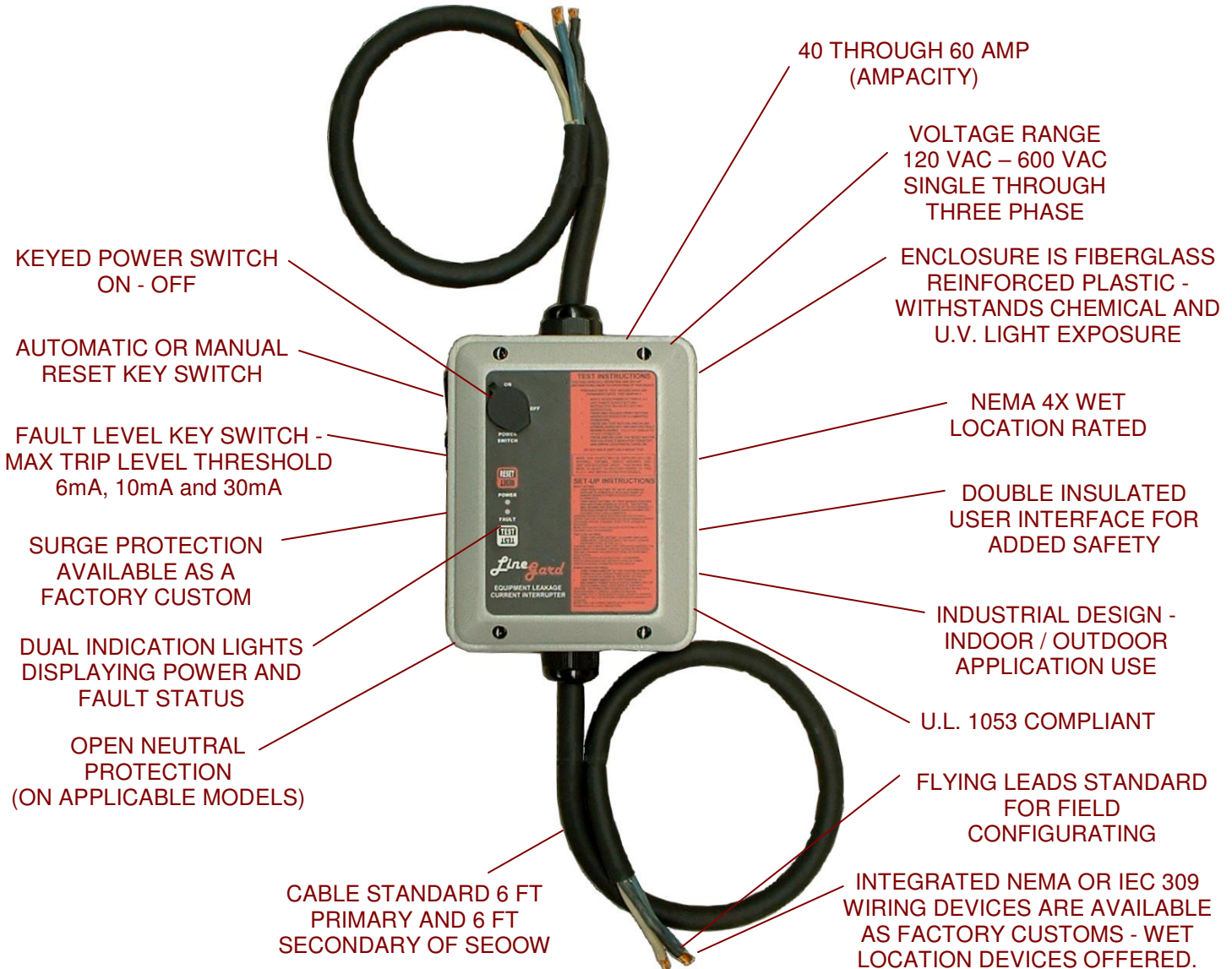


40,50 & 60 Amp Portable Series (Cord)

Equipment Leakage Circuit Interrupter (U.L. 1053 Compliant)



SPECIFICATIONS:

TYPE:	EQUIPMENT LEAKAGE CIRCUIT INTERRUPTER (E.L.C.I.)
VOLTAGE:	120 VAC to 600 VAC (SEE TABLE)
OPERATING VOLTAGE RANGE:	TYPICALLY 85% TO 110% OF RATED VOLTAGE
CURRENT:	40 AMPS through 60 AMPS (SEE TABLE)
FREQUENCY:	60 Hz
TRIP LEVEL:	FIELD SELECTABLE THRESHOLD @ 6mA, 10mA and 30mA
PHASE:	SINGLE, DUAL AND THREE PHASE
RESPONSE TIME:	25 mS max
OPERATING TEMPERATURE:	-35°C TO 66°C
LET GO VOLTAGE:	TYPICAL 60% RATED VOLTAGE (WITH NO PHASE LOSS)
RESET TYPE:	FIELD SELECTABLE - AUTO OR MANUAL (SAFE START) RESET
OPEN NEUTRAL PROTECTION:	TRIPS UPON LOSS OF NEUTRAL (ONLY ON APPLICABLE MODELS)
GROUNDING NEUTRAL PROTECTION:	TRIPS IF GROUND AND NEUTRAL TOUCH AT LOAD SIDE (ONLY ON APPLICABLE MODELS)
POWER-UP:	KEY SWITCH INITIATED (POWER LOCKOUT)
ENCLOSURE:	NEMA 4X WET LOCATION RATED
SWITCH INTERFACE:	DOUBLE INSULATED
LATCHING MECHANISM:	ELECTRO-MAGNETIC
AGENCY APPROVAL:	U.L. 1053 COMPLIANT

LineGard 40-60 Amp Portable Series – Industrial Grade Equipment Leakage Circuit Interrupter (E.L.C.I.) is designed to protect and safeguard equipment, personnel and electrical circuits from ground fault leakage. This line of product mitigates the effects that a ground fault may have on your integrated equipment while also providing substantial shock protection for humans. As configured, the E.L.C.I. has three fault threshold settings of 6mA, 10mA and 30mA. While all unit settings have engineered trip times of 25mS or less, the lowest fault threshold setting (6mA) offers the greatest level of personnel protection and the remaining fault threshold settings offer a significant degree of protection while reducing the potential for ground fault nuisance tripping. 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 (auto vs. manual – safe start) settings. The enclosure is constructed from high-fiberglass reinforced plastic that withstands chemical and U.V. light exposure and the end-product meets or exceeds a NEMA 4X wet location rating. These devices are designed for indoor or outdoor applications as all enclosure entry points are sealed to prevent water intrusion and/or tampering. In addition, to aid in the notification of a ground fault condition, all units come standard with two LEDs showing power and fault status. These units come standard with a 6 ft primary cord length and a 6 ft secondary cord length.

The enclosure is factory configured with floor mount feet but is additionally supplied with wall or surface mounted feet for more permanent installations.

Although the portable E.L.C.I.s comes standard with flying leads for field configuring, they can be integrated with NEMA or IEC 309 devices from the factory as a custom (watertight devices are offered).

Note: With acceptable volume North Shore Safety can reduce the overall product cost by eliminating selectable features and creating fixed set point E.L.C.I.s. Consult factory on your application and the feasibility of a custom E.L.C.I.

RELATED CODE

- 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 680.5B)
- SPAS 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

DIMENSIONS



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CAT ITEM #	PGFI MODEL#	-	X													X	X	X						
			VOLTAGE																AMPACITY			POWER-UP	SEC	CON
			120 1Ø (1)	240 1Ø (2)	208 1Ø (9)	277 1Ø (D)	120/ 240 (C)	240 3Ø (7)	208 3Ø (8)	277 3Ø (B)	480 3Ø (5)	600 3Ø (6)	40A (4) / HP	50A (5) / HP	60A (6) / HP				KEY SWITCH AUTO/ MANUAL (4)	6' BLK (SEOOV) (5)	FLYING LEADS (N)			
F-001	PGFI-1445N		1												4/3 HP			4	5	N				
F-002	PGFI-2445N			2											4/7.5 HP			4	5	N				
F-003	PGFI-9445N				9										4/7.5 HP			4	5	N				
F-004	PGFI-D445N				D										4/7.5 HP			4	5	N				
F-005	PGFI-C445N					C									4/3 HP			4	5	N				
F-006	PGFI-7445N							7							4/10 HP			4	5	N				
F-007	PGFI-8445N								8						4/10 HP			4	5	N				
F-008	PGFI-B445N									B					4/10 HP			4	5	N				
F-009	PGFI-5445N										5				4/20 HP			4	5	N				
F-010	PGFI-6445N											6			4/25 HP			4	5	N				
F-011	PGFI-1545N		1											5/3 HP			4	5	N					
F-012	PGFI-2545N			2										5/7.5 HP			4	5	N					
F-013	PGFI-9545N				9									5/7.5 HP			4	5	N					
F-014	PGFI-D545N				D									5/7.5 HP			4	5	N					
F-015	PGFI-C545N					C								5/3 HP			4	5	N					
F-016	PGFI-7545N							7						5/10 HP			4	5	N					
F-017	PGFI-8545N								8					5/10 HP			4	5	N					
F-018	PGFI-B545N									B				5/10 HP			4	5	N					
F-019	PGFI-5545N										5			5/20 HP			4	5	N					
F-020	PGFI-6545N											6		5/25 HP			4	5	N					
F-021	PGFI-1645N		1											6/5 HP			4	5	N					
F-022	PGFI-2645N			2										6/10 HP			4	5	N					
F-023	PGFI-9645N				9									6/10 HP			4	5	N					
F-024	PGFI-D645N				D									6/10 HP			4	5	N					
F-025	PGFI-C645N					C								6/5 HP			4	5	N					
F-026	PGFI-7645N							7						6/25 HP			4	5	N					
F-027	PGFI-8645N								8					6/25 HP			4	5	N					
F-028	PGFI-B645N									B				6/25 HP			4	5	N					
F-029	PGFI-5645N										5			6/30 HP			4	5	N					
F-030	PGFI-6645N											6		6/30 HP			4	5	N					