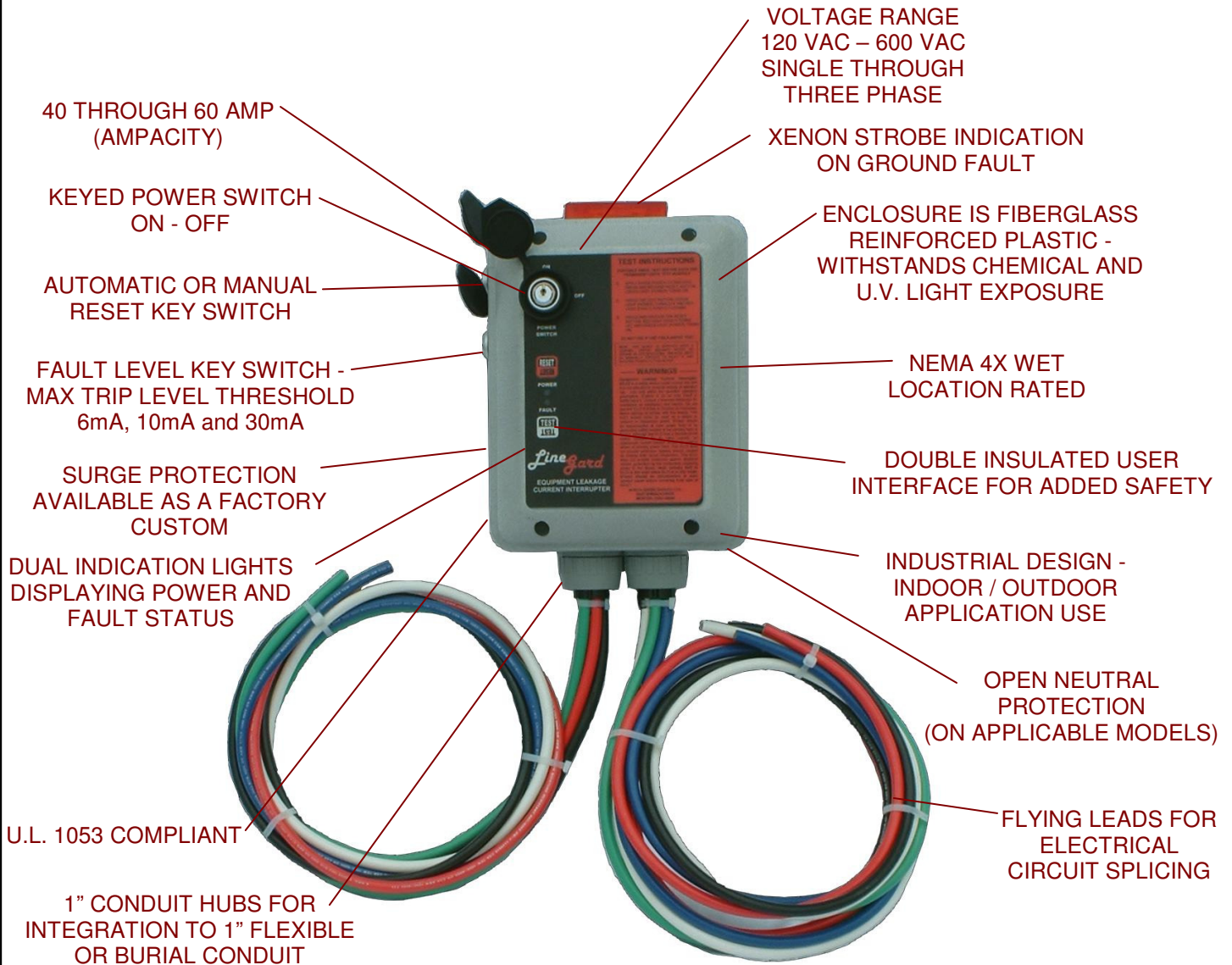


40,50 & 60 Amp Permanent Series (Splice-In) Equipment Leakage Circuit Interrupter (U.L. 1053 Compliant)



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 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 Permanent 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. The 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 an external xenon strobe that triggers on fault. These units come standard with 24" lead wires for electrical splicing and two 1" flexible conduit fittings for integration to 1" flexible or burial conduit. These devices are ideal for both new and existing circuit installations and have a unique design that offers the flexibility of splicing this device anywhere within the length of a circuit run (Note: ELCI only protects downstream or "load side"). This convenience allows the installer to place this E.L.C.I. at an accessible location for the end user.

Note: With acceptable volume North Shore Safety can reduce 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 fixed set point E.L.C.I.

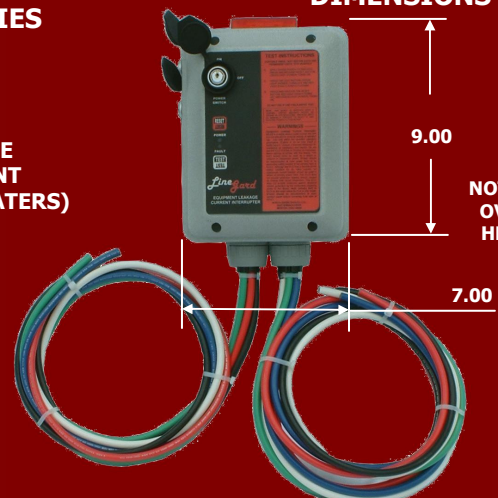
RELATED CODE

- 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



North Shore Safety, Ltd. • Mentor, Ohio 44060 • Toll Free: 1- 877-4 SAFE 4U • e-mail:sales@nssltd.com

CAT ITEM #	PGFS MODEL#	-	X													X			X	X		
			VOLTAGE													AMPACITY			POWER-UP	FAULT		
			HP RATING IS NOT INCLUDED IN THE PART NUMBER																KEY SWITCH	ALARM STROBE		
			120/ 1Ø (1)	240/ 1Ø (2)	208/ 1Ø (9)	277/ 1Ø (D)	120/ 240 3Ø (C)	240/ 3Ø (7)	208/ 3Ø (8)	277/ 3Ø (B)	480/ 3Ø (5)	600/ 3Ø (6)	120/ 208 3Ø (4)	277/ 480 3Ø (0)	347/ 600 3Ø (A)	40A (4) / HP	50A (5) / HP	60A (6) / HP	AUTO/ MANUAL (4)	& SEL FAULT (5)		
E-001	PGFS-14456		1															4/3 HP			4	5
E-002	PGFS-24456			2														4/7.5 HP			4	5
E-003	PGFS-94456				9													4/7.5 HP			4	5
E-004	PGFS-D4456					D												4/7.5 HP			4	5
E-005	PGFS-C4456						C											4/3 HP			4	5
E-006	PGFS-74456							7										4/10 HP			4	5
E-007	PGFS-84456								8									4/10 HP			4	5
E-008	PGFS-B4456									B								4/10 HP			4	5
E-009	PGFS-54456										5							4/20 HP			4	5
E-010	PGFS-64456											6						4/25 HP			4	5
E-011	PGFS-44456												4					4/7.5 HP			4	5
E-012	PGFS-04456													0				4/10 HP			4	5
E-013	PGFS-A4456														A			4/20 HP			4	5
E-014	PGFS-15456		1															5/3 HP			4	5
E-015	PGFS-25456			2														5/7.5 HP			4	5
E-016	PGFS-95456				9													5/7.5 HP			4	5
E-017	PGFS-D5456					D												5/7.5 HP			4	5
E-018	PGFS-C5456						C											5/3 HP			4	5
E-019	PGFS-75456							7										5/10 HP			4	5
E-020	PGFS-85456								8									5/10 HP			4	5
E-021	PGFS-B5456									B								5/10 HP			4	5
E-022	PGFS-55456										5							5/20 HP			4	5
E-023	PGFS-65456											6						5/25 HP			4	5
E-024	PGFS-45456												4					5/7.5 HP			4	5
E-025	PGFS-05456													0				5/10 HP			4	5
E-026	PGFS-A5456														A			5/20 HP			4	5
E-027	PGFS-16456		1															6/5 HP			4	5
E-028	PGFS-26456			2														6/10 HP			4	5
E-029	PGFS-96456				9													6/10 HP			4	5
E-030	PGFS-D6456					D												6/10 HP			4	5
E-031	PGFS-C6456						C											6/5 HP			4	5
E-032	PGFS-76456							7										6/25 HP			4	5
E-033	PGFS-86456								8									6/25 HP			4	5
E-034	PGFS-B6456									B								6/25 HP			4	5
E-035	PGFS-56456										5							6/30 HP			4	5
E-036	PGFS-66456											6						6/30 HP			4	5