



LineGardTM
Always on duty

40, 50, 60 AMP PORTABLE SERIES ELCI



PRODUCT FEATURES

- Voltage range 120 VAC – 600 VAC - single, dual, and 3Ø WYE and Delta phasing (see product configuration table)
- NEMA 4X wet location rated
- Enclosure withstands Chemical and U.V. light exposure
- Double insulated user interface for added safety
- Industrial design – indoor/outdoor application use
- Key power switch on/off
- Automatic or Manual reset (safe start) key selectable
- Fault level key switch – max trip level threshold settings of 6mA, 10mA, and 30mA
- Dual indication lights displaying power and fault status
- Meets UL 1053

PRODUCT OVERVIEW

The **LineGard™** 40, 50, & 60 Amp Portable Series Equipment Leakage Circuit Interrupter (ELCI) is ideal for both new and existing circuit installations and features a key selectable trip level of 6mA, 10mA, or 30mA. This feature allows you to adjust the trip level when there is inherent current leakage from the equipment that it is protecting, allowing you to provide the highest level of protection possible.

The **LineGard™** 40, 50, & 60 Amp ELCIs offer protection for nuisance applications such as welders, pumps, motors and generators that would normally trip a Class A, 6mA GFCI.

All units have a 6' primary and a 6' secondary SOOW cable with flying leads.

All **LineGard™** 40, 50, & 60 Amp ELCIs are proudly made in the U.S.A. in ISO certified facilities and are manufactured to meet UL 1053 standards.



PRODUCT SPECIFICATION

Type:	Equipment Leakage Circuit Interrupter (ELCI)
Voltage:	120 VAC to 500 VAC (see product configuration table)
Operating Voltage Range:	85% to 110% of rating
Current:	Up to 40, 50, and 60Amps
Frequency:	60 Hz (50Hz available)
Trip Level:	Key selectable levels of 6mA, 10mA, or 30mA
Phase:	Single, Split, and 3 Phase Delta and Wye (see product configuration table)
Reset Type:	Key selectable: Auto: Output is on immediately upon power up Manual: Output is off immediately upon power up
Operating Temperature:	-35° C to 50° C (-31° F to 122° F)
Enclosure:	NEMA 4x wet location rated
Latching Mechanism:	AC Contactor
Agency Approval:	UL 1053 Compliant

***Auto reset** Allows power downstream as long as power is available. It also will allow power downstream upon restoration of lost power. If the unit trips due to a fault condition the reset button will need to be pressed. Ideal for most applications (refrigeration, lighting, pumps, machinery, etc)

***Manual reset** Allows power downstream only after the reset button is pressed. Any loss or interruption in power or a fault condition will put the unit in to fault mode and will require the reset button to be pressed before allowing power downstream. Used for safe start applications (power saws or equipment that would present an unsafe condition upon automatic power restoration)

DECISION TABLE

Product Type (default) →

PGFI- 1 5 4 5 N*

Connectors
(N) Flying Leads

Voltage

- (1) 120 VAC 1Ø
(5) 480 VAC 3Ø
(7) 240 VAC 3Ø
(9) 208 VAC 1Ø
(4) 120/208 VAC 3Ø
(A) 347/600 VAC 3Ø
- (C) 120/240 VAC Split Ø
(2) 240 VAC 1Ø
(6) 600 VAC 3Ø
(8) 208 VAC 3Ø
(0) 277/480 VAC 3P

Ampacity

- (4) 40 AMPS
(5) 50 AMPS
(6) 60 AMPS

Power Up

- (4) Key Switch
Auto/Manual reset
Power on/off
Leakage trip level (6, 10, and 30mA)

Secondary Cord

- (5) 6' Black, SOOW

Note:

*Decision table part number shown is a 120 VAC 1Ø, 50 Amp, Key switch Auto/Manual, Power on/off, Selectable trip level 6, 10, 30 mA, 6' Black SOOW with Flying Leads
* Three phase WYE with neutral break, are only available up to 50A

40, 50, AND 60 AMP PRODUCT CONFIGURATION TABLE

PGFI -	X										X			X	X	X
MODEL	VOLTAGE										AMP			POWER-UP	SEC	CONNECTOR
	120V 1Ø (1)	240V 1Ø (2)	208V 1Ø (9)	120/208V 1Ø (4)	120/ 240V (C)	240V 3Ø (7)	208V 3Ø (8)	277/480V 1Ø (0)	480V 3Ø (5)	600V 3Ø (6)	40A (4)	50A (5)	60A (6)	KEY SWITCH AUTO/MAN (4)	6' BLK (SEOW) (5)	FLYING LEADS (N)
PGFI-1445N	1										4			4	5	N
PGFI-2445N		2									4			4	5	N
PGFI-9445N			9								4			4	5	N
PGFI-4445N				4							4			4	5	N
PGFI-C445N					C						4			4	5	N
PGFI-7445N						7					4			4	5	N
PGFI-8445N							8				4			4	5	N
PGFI-0445N								0			4			4	5	N
PGFI-5445N									5		4			4	5	N
PGFI-6445N										6	4			4	5	N
PGFI-1545N	1											5		4	5	N
PGFI-2545N		2										5		4	5	N
PGFI-9545N			9									5		4	5	N
PGFI-4545N				4								5		4	5	N
PGFI-C545N					C							5		4	5	N
PGFI-7545N						7						5		4	5	N
PGFI-8545N							8					5		4	5	N
PGFI-0545N								0				5		4	5	N
PGFI-5545N									5			5		4	5	N
PGFI-6545N										6		5		4	5	N
PGFI-1645N	1												6	4	5	N
PGFI-2645N		2											6	4	5	N
PGFI-9645N			9										6	4	5	N
PGFI-C645N					C								6	4	5	N
PGFI-7645N						7							6	4	5	N
PGFI-8645N							8						6	4	5	N
PGFI-5645N									5				6	4	5	N
PGFI-6645N										6			6	4	5	N



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Dimensions

