



LineGardTM

Always on duty

40, 50, 60 AMP PERMANENT SERIES ELCI



PRODUCT FEATURES

- Voltage range 120 VAC – 600 VAC - single, dual, and 3Ø WYE and Delta (see product configuration table)
- TYPE 4X wet location rated
- Enclosure is polycarbonate which 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
- 1" Conduit hubs for integration to 1" flexible, EMT, PVC or burial conduit
- Flying leads for electrical circuit splicing
- Meets UL 1053

PRODUCT OVERVIEW

The **LineGard™** 40, 50, & 60 Amp Permanent 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 60" splicing lead wires and 1" NPT conduit fittings for integration to flexible, EMT, PVC, or burial conduit.

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 600 VAC (see product configuration table)
Operating Voltage Range:	85% to 110% of rating
Current:	Up to 40, 50, and 60 Amps
Frequency:	60Hz (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) →

PGFS- 4 5 4 5 6

Voltage

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

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)

Fault Output Options

- (5) No Alarm

Mounting

- (6) Surface Mount

NOTE:

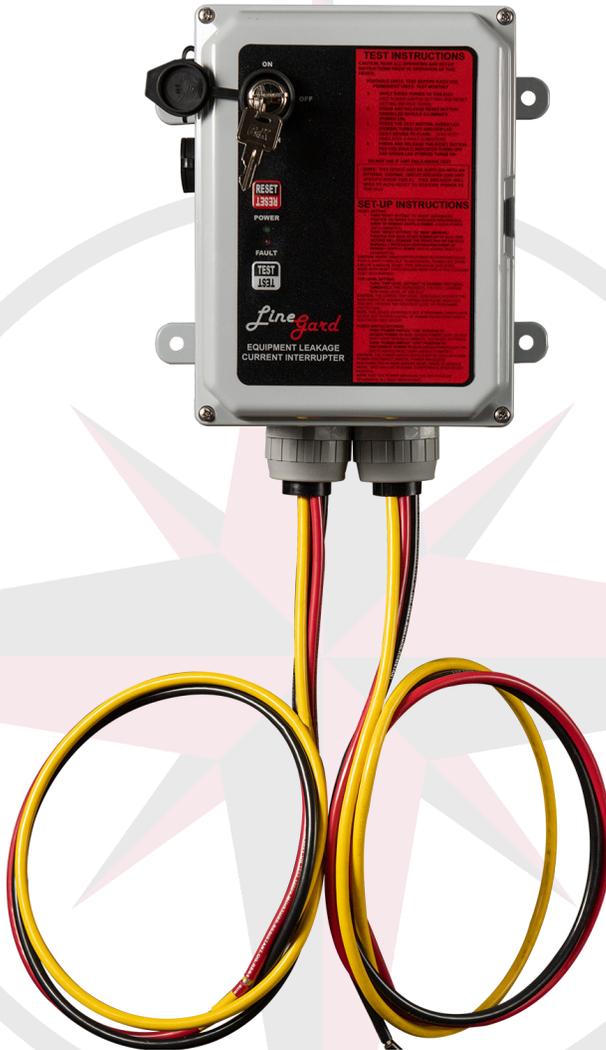
*Decision table part number shown is a 120/208 VAC 3Ø, 50 Amp, Key switch Auto/Manual, Power on/off, Selectable trip level 6,10, 30mA, surface mount

40, 50, AND 60 AMP PERMANENT SERIES PRODUCT CONFIGURATION TABLE

PGFS - MODEL	X											X			X	X	X	
	VOLTAGE											AMP			POWER-UP	FAULT	TYPE	
	120 Ø (1)	240 1Ø (2)	208 1Ø (9)	120/240 (C)	240 3Ø (7)	208 3Ø (8)	480 3Ø (5)	600 3Ø (6)	120/208 (4)	277/480 (0)	347/600 (A)	40A (4)	50A (5)	60A (6)	KEY SWITCH AUTO/MAN (4)	No Alarm (5)	SURFACE MOUNT (6)	
PGFS-14456	1											4		4	5	6		
PGFS-24456		2										4		4	5	6		
PGFS-94456			9									4		4	5	6		
PGFS-C4456				C								4		4	5	6		
PGFS-74456					7							4		4	5	6		
PGFS-84456						8						4		4	5	6		
PGFS-54456							5					4		4	5	6		
PGFS-64456								6				4		4	5	6		
PGFS-44456									4			4		4	5	6		
PGFS-04456									0			4		4	5	6		
PGFS-A4456										A		4		4	5	6		
PGFS-15456	1												5	4	5	6		
PGFS-25456		2												5	4	5	6	
PGFS-95456			9											5	4	5	6	
PGFS-C5456				C										5	4	5	6	
PGFS-75456					7									5	4	5	6	
PGFS-85456						8								5	4	5	6	
PGFS-55456							5							5	4	5	6	
PGFS-65456								6						5	4	5	6	
PGFS-45456									4					5	4	5	6	
PGFS-05456										0				5	4	5	6	
PGFS-A5456											A			5	4	5	6	
PGFS-16456	1														6	4	5	6
PGFS-26456		2													6	4	5	6
PGFS-96456			9												6	4	5	6
PGFS-C6456				C											6	4	5	6
PGFS-76456					7										6	4	5	6
PGFS-86456						8									6	4	5	6
PGFS-56456							5								6	4	5	6
PGFS-66456								6							6	4	5	6
PGFS-46456									4						6	4	5	6
PGFS-06456										0					6	4	5	6
PGFS-A6456											A				6	4	5	6



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Dimensions

