



LineGard™
Always on duty

30 AMP PORTABLE SERIES SINGLE AND MULTIPHASE ELCI



PRODUCT FEATURES

- Various voltages available (see configuration table)
- New** • 1Ø rated for NEMA 4X and IP69K
- Multiphase rated for NEMA 4X and 6P
- Industrial design for rough service application
- Enclosure is Chemical and U.V. resistant
- Double insulated user interface for added safety
- Multiple cable types and lengths available
- Available in elevated trip configuration (10 mA, 20 mA, 30 mA)
- Available in Automatic or Manual (safe start) reset models
- Open neutral protection (on applicable models only)
- Dual indication lights displaying power and fault status
- Self-test
- 1Ø and 3Ø cCSAus Certified to CSA-C22.2 No. 144 and requirement of UL1053 (277 VAC are non CSA)

PRODUCT OVERVIEW

The **LineGard™** 30 Amp Portable Series comes factory standard with flying leads (no plug or connector) for field configuring and can be constructed into stand-alone cord sets or equipment integrated power supply cords. Exceptions are SKUs with molded twistlock devices. Note that thus any power cord integrated with this ELCI becomes OSHA compliant for portable power usage in confined space: OSHA 29 CFR 1926.404(b)(1)(ii) and 29 CFR 1926.405(a)(2)(ii)(G). Additionally, these devices meet the NEC requirement 590.6 (a) and (b).

The **LineGard™** 30 Amp Portable Series is industrially designed with impact resistant materials that withstand Chemical and Ultraviolet light degradation and is suitable for both indoor and outdoor applications. The Portable Series is geared for wet location use as this 1Ø device achieves both TYPE 4X and 6P ratings. For 3Ø multiphase, this device achieves both TYPE 4X and 6P.

The **LineGard™** 30 Amp Portable Series also includes double insulated and recessed interface switches for additional safety while preventing accidental switching during rough handling.



In addition, the electrical contacts of the **LineGard™** 30 Amp Portable Series are electro-magnetically latched so unit will not delatch under rough use or service. For user convenience, the 30 Amp Portable Series incorporates two LEDs for power and fault status. The product is available in both Automatic and Manual (safe start) reset types.

All units are CSA 22.2 No. 144 listed with the exception of 277VAC.

North Shore Safety offers custom assemblies in addition to our standard models. All custom assemblies can be integrated with various wiring devices, cord lengths, or wire terminations for convenience of use and installation.



All **LineGard™** 30 Amp Portable Series ELCIs are proudly assembled in the U.S.A in ISO certified facilities and are cCSAus. (exception 277V).

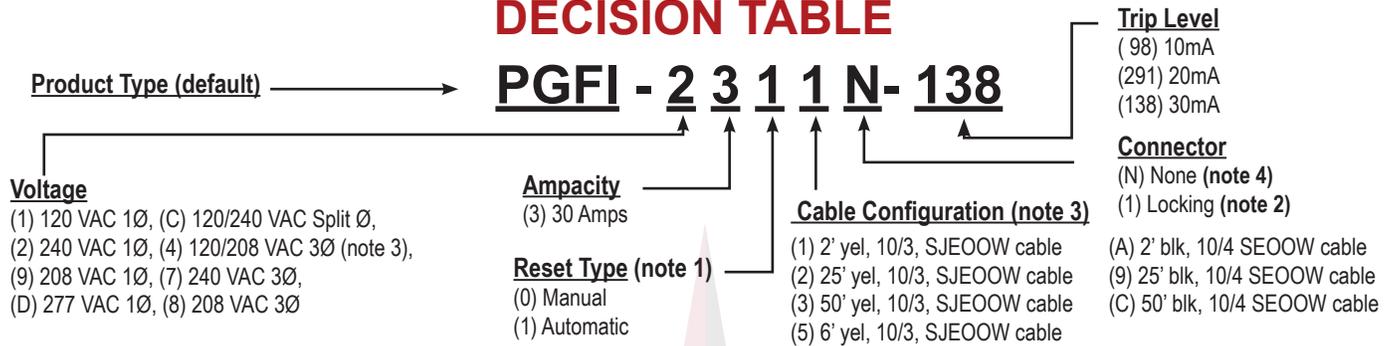
PRODUCT SPECIFICATION

Type:	ELCI
Voltage:	120VAC, 208VAC, 240VAC, 120/240VAC, 120/208VAC 3Ø, 208VAC 3Ø, 240VAC 3Ø, (277VAC)
Operating Voltage Range:	85% TO 110% of rated voltage
Current:	Up to 30 Amps or wiring device and/or cable rating
Frequency:	60 Hz, (50 Hz available)
Trip Levels:	10 mA, 20 mA, 30 mA
Phase:	Single, Split, and 3Ø (WYE and Delta)
Response Time:	25 mS max @ 500 Ohm fault
Operating Temperature:	-35°C to 66°C
Reset Type:	Automatic or Manual (safe start)*
Open Neutral Protection:	Opens upon loss of neutral (applicable models only)
Enclosure:	TYPE 4X wet location rated, 1Ø rated for NEMA 4X and IP69K, multiphase rated for NEMA 4X and 6P
Switch Interface:	Double insulated
Latching Mechanism:	Electro-magnetic
Agency Approval:	cCSAus

***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



Note:

1. Manual configuration should be specified if automatic power-up, after power restoration of circuit power, could create an unsafe condition.
2. Units are configured with SJTW cable and molded locking non-watertight connectors configured to 30 Amps.
3. 120/208 VAC 3Ø configurations use 10/5 SEOOOW cable, custom cord sets are available. Please consult North Shore Safety for other options
4. All assemblies with flying leads are cURus recognized

*Decision table part number shown is a 240 VAC, 1Ø, 30 Amps, AUTOMATIC reset, 2' cord length, No connectors (flying leads)

30 AMP PORTABLE SERIES SINGLE PHASE ELCI PRODUCT CONFIGURATION TABLE

PGFI - MODEL	X VOLTAGE				2 AMP 30A (3)	X POWER-UP		X SECONDARY CORD				X CONNECTORS	
	120 (1)	208 (9)	240 (2)	277V (D)		MAN (0)	AUTO (1)	2' YEL (1)	6' YEL (5)	25' YEL (2)	50' YEL (3)	NONE (N)	LOCKING (1)**
	PGFI-1301N	1					3	0		1			
PGFI-2301N			2		3	0		1				N	
PGFI-9301N		9			3			1				N	
PGFI-D301N			2	D	3			1				N	
PGFI-1311N	1				3	0	1	1	5			N	
PGFI-2311N			2	D	3	0	1	1	5			N	
PGFI-9311N		9			3		1	1	5			N	
PGFI-D311N			2		3		1	1	5			N	
PGFI-1305N	1				3	0				5		N	
PGFI-2305N			2		3	0				5		N	
PGFI-1315N	1				3		1			5		N	
PGFI-2315N			2		3		1			5		N	
PGFI-1302N	1				3	0					2	N	
PGFI-2302N			2		3	0					2	N	
PGFI-1312N	1				3		1				2	N	
PGFI-2312N			2		3		1				2	N	
PGFI-1303N	1				3	0						N	
PGFI-2303N			2		3	0						N	
PGFI-1313N	1				3		1					N	
PGFI-2313N			2		3		1					N	
PGFI-13011**	1				3	0		1					1
PGFI-23011**			2		3	0		1					1
PGFI-13111**	1				3		1	1					1
PGFI-23111**			2		3		1	1					1

Note:

*UNITS ARE CONFIGURED WITH A MOLDED TWISTLOCK AND SJTW CABLE AS OPPOSED TO SJEOOW CABLE
 **UNITS WITH MOLDED WIRING DEVICES ARE CONFIGURED TO 30 AMPS AT UNIT RATED VOLTAGE AND ARE LOCKING NON-WATERTIGHT DEVICES



30 AMP PORTABLE SINGLE PHASE ELCI OFFERINGS



Flying Lead



Molded Twist Lock



**Mechanical Straight Blade or
Twist Lock**

Dimensions



30 AMP MULTIPHASE SERIES ELCI PRODUCT CONFIGURATION TABLE

PGFI - MODEL	X				2	X		X			X
	VOLTAGE				AMP	POWER-UP		SECONDARY CORD			CONNECTORS
	120/240V SPLIT ø(C)	120/208V 3 øWYE (4)	240V 3 ø (7)	208V 3 ø (8)	30A (3)	MAN (0)	AUTO (1)	2' BLK (A)	25' BLK (9)	50' BLK (C)	NONE (N)
PGFI-C30AN	C				3	0		A			N
PGFI-730AN			7		3	0		A			N
PGFI-830AN				8	3	0		A			N
PGFI-430AN		4			3	0		A			N
PGFI-C31AN	C				3		1	A			N
PGFI-731AN			7		3		1	A			N
PGFI-831AN				8	3		1	A			N
PGFI-B31AN					3		1	A			N
PGFI-431AN		4			3		1	A			N
PGFI-C309N	C				3	0			9		N
PGFI-7309N			7		3	0			9		N
PGFI-8309N				8	3	0			9		N
PGFI-4309N		4			3	0			9		N
PGFI-C319N	C				3		1		9		N
PGFI-7319N			7		3		1		9		N
PGFI-8319N				8	3		1		9		N
PGFI-4319N		4			3		1		9		N
PGFI-C30CN	C				3	0				C	N
PGFI-730CN			7		3	0				C	N
PGFI-830CN				8	3	0				C	N
PGFI-430CN		4			3	0				C	N
PGFI-C31CN	C				3		1			C	N
PGFI-731CN			7		3		1			C	N
PGFI-831CN				8	3		1			C	N
PGFI-431CN		4			3		1			C	N



30 AMP PORTABLE SERIES MULTIPHASE ELCI



Dimensions

