



LineGardTM
Always on duty

30 AMP PORTABLE SERIES SINGLE AND MULTIPHASE GFCI



PRODUCT FEATURES

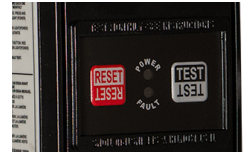
- Various voltages available (see configuration table)
- **New** • 1Ø rated for NEMA 4X and IP69K
- Multiphase rated for NEMA 4X and 6P
- Industrial design for rough service application
- Enclosure is Chemical and U.V. resistant
- Double insulated user interface for added safety
- Largest 30 Amp switching contacts in the industry - (high reliability)
- Optional cable types and lengths available
- Available in Automatic or Manual (safe start) reset models
- Open neutral protection (on applicable models only)
- Dual indication lights displaying power and fault status
- Grounded neutral protection (on applicable models only)
- Meets UL 943 self test requirements
- 1Ø cULus listed to UL 943, exception 277 VAC (non-UL)
- 3Ø UL 943 Class A GFCI and cCSAus Certified to CSA-C22.2 No. 144 (exception 240 VAC 3Ø - cCSAus only)

PRODUCT OVERVIEW

The **LineGard™** 30 Amp Portable Series GFCI 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 GFCI 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 GFCI 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 IP69K ratings. For multiphase, this device achieves both TYPE 4X and 6P.

The **LineGard™** 30 Amp Portable Series GFCI 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 GFCI 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. Custom terminations for convenient end-use or installation.

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 GFCIs are proudly assembled in the U.S.A in ISO certified facilities and are UL and/or cUL listed to UL 943. (cURus recognized with flying leads) (exception 277V & 240V 3Ø)

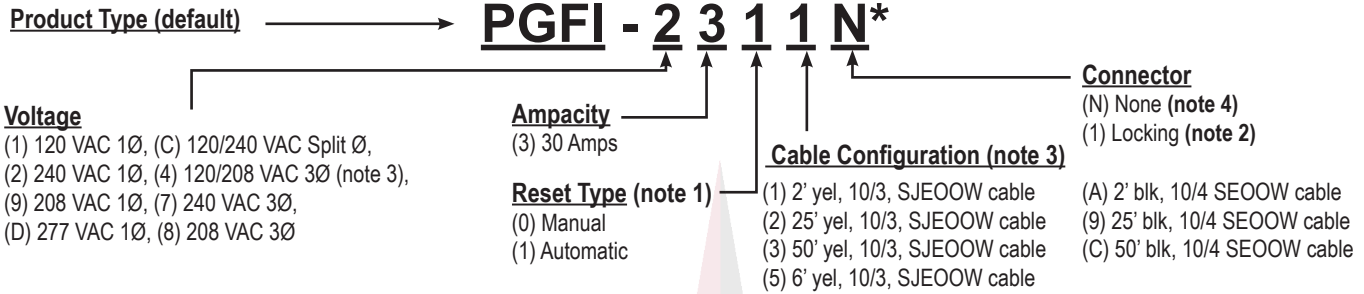
PRODUCT SPECIFICATION

Type:	Class A
Voltage:	120VAC, 208VAC, 240VAC, 120/240 VAC, 277VAC, 120/208 VAC 3Ø, 208 VAC 3Ø, 240 VAC 3Ø
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 non-UL)
Trip Level:	5 +/- 1 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)
Grounded Neutral Protection:	Trips if ground and neutral touch at load side (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:	cULus UL 943; cCSAus certified to CSA-C22.2 No. 144 (exception 277V)

***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 (refridgeration, 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 GFCI PRODUCT CONFIGURATION TABLE

PGFI -	X				2	X		X				X	
	VOLTAGE				AMP	POWER-UP		SECONDARY CORD				CONNECTORS	
	120 (1)	208 (9)	240 (2)	277V (D)	30 (3)	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				N	
PGFI-2301N			2		3	0		1				N	
PGFI-9301N		9			3	0		1				N	
PGFI-D301N				D	3	0		1				N	
PGFI-1311N	1				3		1	1				N	
PGFI-2311N			2		3		1	1				N	
PGFI-9311N		9			3		1	1				N	
PGFI-D311N				D	3		1	1				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					3	N	
PGFI-2303N			2		3	0					3	N	
PGFI-1313N	1				3		1				3	N	
PGFI-2313N			2		3		1				3	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 WITH MOLDED WIRING DEVICES ARE CONFIGURED TO 30 AMPS AT UNIT RATED VOLTAGE AND ARE LOCKING NON-WATERTIGHT DEVICES



30 AMP PORTABLE SERIES SINGLE PHASE GFCI



Flying Lead



Molded Twist Lock



**Mechanical Twist Lock or
Straight Blade**

Dimension

7.20"

4.80"

2.60"

3.10"



30 AMP PORTABLE SERIES MULTIPHASE GFCI 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)	30 (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 GFCI



Dimensions



30 AMP PORTABLE SERIES CEILING DROP PRODUCT CONFIGURATION TABLE

PGFI -	X						3	X			X		X	- XXX	
MODEL	VOLTAGE						AMP	POWER-UP			DROP-CORD		CONNECTORS	CEILING HEIGHT	
	120VAC 1Ø (1)	208VAC 1Ø (9)	240VAC 1Ø (2)	277VAC 1Ø (D)	120/208VAC 3ØY (4)	208VAC 3Ø (8)	30A (3)	MAN (0)	AUTO (1)	30A 10AWG (E)	20A 12AWG (F)	NONE (N)	10FT (CD10)	25FT (CD25)	
PGFI-130EN-CD10	1						3	0		E		N	CD10		
PGFI-930EN-CD10		9					3	0		E		N	CD10		
PGFI-D30EN-CD10				D			3	0		E		N	CD10		
PGFI-430EN-CD10					4		3	0		E		N	CD10		
PGFI-830EN-CD10						8	3	0		E		N	CD10		
PGFI-131EN-CD10	1						3		1	E		N	CD10		
PGFI-931EN-CD10		9					3		1	E		N	CD10		
PGFI-D31EN-CD10				D			3		1	E		N	CD10		
PGFI-431EN-CD10					4		3		1	E		N	CD10		
PGFI-831EN-CD10						8	3		1	E		N	CD10		
PGFI-130FN-CD10	1						3	0			F	N	CD10		
PGFI-930FN-CD10		9					3	0			F	N	CD10		
PGFI-D30FN-CD10				D			3	0			F	N	CD10		
PGFI-430FN-CD10					4		3	0			F	N	CD10		
PGFI-830FN-CD10						8	3	0			F	N	CD10		
PGFI-131FN-CD10	1						3		1		F	N	CD10		
PGFI-931FN-CD10		9					3		1		F	N	CD10		
PGFI-D31FN-CD10				D			3		1		F	N	CD10		
PGFI-431FN-CD10					4		3		1		F	N	CD10		
PGFI-831FN-CD10						8	3		1		F	N	CD10		
PGFI-130EN-CD25	1						3	0		E		N		CD25	
PGFI-930EN-CD25		9					3	0		E		N		CD25	
PGFI-D30EN-CD25				D			3	0		E		N		CD25	
PGFI-430EN-CD25					4		3	0		E		N		CD25	
PGFI-830EN-CD25						8	3	0		E		N		CD25	
PGFI-131EN-CD25	1						3		1	E		N		CD25	
PGFI-931EN-CD25		9					3		1	E		N		CD25	
PGFI-D31EN-CD25				D			3		1	E		N		CD25	
PGFI-431EN-CD25					4		3		1	E		N		CD25	
PGFI-831EN-CD25						8	3		1	E		N		CD25	
PGFI-130FN-CD25	1						3	0			F	N		CD25	
PGFI-930FN-CD25		9					3	0			F	N		CD25	
PGFI-D30FN-CD25				D			3	0			F	N		CD25	
PGFI-430FN-CD25					4		3	0			F	N		CD25	
PGFI-830FN-CD25						8	3	0			F	N		CD25	
PGFI-131FN-CD25	1						3		1		F	N		CD25	
PGFI-931FN-CD25		9					3		1		F	N		CD25	
PGFI-D31FN-CD25				D			3		1		F	N		CD25	
PGFI-431FN-CD25					4		3		1		F	N		CD25	
PGFI-831FN-CD25						8	3		1		F	N		CD25	



30 AMP PORTABLE SERIES CEILING DROP GFCI



- Available in 20A & 30A

Dimensions

