



**Product Features**

- Industrial design for rough service application
- Largest 30 Amp switching contacts in the industry - (high reliability)
- Dual indication lights displaying power and fault status
- Open neutral protection (on applicable models only)
- Grounded neutral protection (on applicable models only)
- 1Ø cULus listed to UL 943 and CSA C22.2 No. 144 Class A GFCI exception 277 VAC (non-UL)
- Enclosure is Chemical and U.V. resistant
- NEMA 4x and 6P wet location rated for indoor/outdoor applications
- Double insulated user interface for added safety
- Available in Automatic or Manual (safe start) reset models
- 3Ø cCSAus Certified to CSA-C22.2 No. 144 and UL 943 Class A GFCI

**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 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 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 device achieves both NEMA 4X and 6P ratings. The device also includes double insulated and recessed interface switches for additional safety while preventing accidental switching during rough handling. In addition, the electrical contacts of this device are electro-magnetically latched so unit will not detach 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 MADE IN THE USA and are UL 943 and/or CSA 22.2 No. 144 listed with the exception of 277VAC which is non-UL and flying lead units which are cURus. With acceptable volume, North Shore Safety will entertain custom assemblies that are not suitably supported by our standard SKU offering. In addition, all assemblies can be factory integrated with NEMA or IEC wiring devices (watertight and non-watertight) or custom terminations for convenient end-use or installation.

**Product Specifications**

<b>Type:</b>	Class A
<b>Voltage:</b>	120 VAC, 208 VAC, 240 VAC, 277 VAC (277 Non-UL or CSA), 120/240 VAC, 120/208 Dual Voltage, 120/208 VAC 3Ø, 240 VAC 3Ø, 208 VAC 3Ø
<b>Operating Voltage Range:</b>	85% up to 110% of rated voltage
<b>Current:</b>	Up to 30 Amps or wiring device and/or cable rating
<b>Frequency:</b>	60 Hz, 50 Hz (available non-UL)
<b>Trip Level:</b>	5 +/- 1 mA
<b>Phase:</b>	Single, Dual Voltage, and 3Ø
<b>Response Time:</b>	25 mS max @ 500 Ohm fault
<b>Operating Temperature:</b>	-35°C to 66°C
<b>Let Go Voltage:</b>	60% rated voltage
<b>Reset Type:</b>	Automatic or Manual (safe start)
<b>Open Neutral Protection:</b>	Opens upon loss of neutral (applicable models only)
<b>Grounded Neutral Protection:</b>	Trips if ground and neutral touch at load side (applicable models only)
<b>Enclosure:</b>	NEMA 4X and 6P wet location rated; high impact withstand
<b>Switch Interface:</b>	Double insulated
<b>Latching mechanism:</b>	Electro-magnetic
<b>Agency Approval:</b>	cULus UL 943 (277 VAC non UL or CSA); cCSAus certified to CSA-C22.2 No. 144

**DECISION TABLE**

<b>Product Type (default)</b>		<b>PGFI - 2 3 0 1 N*</b>		<b>Connector</b>
				(N) None (note 4) (1) Locking (note 2)
<b>Voltage</b>	<b>Ampacity</b>	<b>Reset Type (note 1)</b>	<b>Cable Configuration (note 3)</b>	
(1) 120 VAC 1Ø (C) 120/240 VAC Split Ø (2) 240 VAC 1Ø (4) 120/208 VAC 3Ø (note 3) (9) 208 VAC 1Ø (7) 240 VAC 3Ø (D) 277 VAC 1Ø (8) 208 VAC 3Ø	(3) 30 Amps	(0) Manual (1) Automatic	(1) 2' yel, 10/3, SJEOOW cable (2) 25' yel, 10/3, SJEOOW cable (3) 50' yel, 10/3, SJEOOW cable (5) 6' yel, 10/3, SJEOOW cable	(A) 2' blk, 10/4 SEOOOW cable (9) 25' blk, 10/4 SEOOOW cable (C) 50' blk, 10/4 SEOOOW cable

**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, Manual reset, 2' cord length, No connectors (flying leads)



**30 AMP PORTABLE SINGLE PHASE PRODUCT CONFIGURATION TABLE**

PGFI -	STD SKU	X				3	X		X				X	
		VOLTAGE				AMP	POWER-UP		SECONDARY CORD				CONNECTORS	
MODEL		120V (1)	208V (9)	240V (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	X	1				3	0		1				N	
PGFI-2301N	X			2		3	0		1				N	
PGFI-9301N			9			3	0		1				N	
PGFI-D301N					D	3	0		1				N	
PGFI-1311N	X	1				3		1	1				N	
PGFI-2311N	X			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**	X	1				3	0		1					1
PGFI-23011**	X			2		3	0		1					1
PGFI-13111**	X	1				3		1	1					1
PGFI-23111**	X			2		3		1	1					1

\*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

UNIT DIMENSIONS:





**30 AMP MULTIPHASE PRODUCT CONFIGURATION TABLE**

PGFI-	STD SKU	X					3	X		X			X
		VOLTAGE					AMP*	POWER-UP		SECONDARY CORD**			CONNECTORS
		120/240V SPLIT Ø (C)	120/208V 3Ø WYE (4)	240V 3Ø (7)	208V 3Ø (8)	277V 3Ø (B)	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-B30AN						B	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						B	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-B309N						B	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-B319N						B	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-B30CN						B	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-B31CN						B	3		1			C	N
PGFI-431CN			4				3		1			C	N

\*30 AMP MULTIPHASE UNITS ARE RATED AT 3 HORSEPOWER, THE 30 AMP 120/240VAC SPLIT PHASE HAS A HORSE POWER RANGE OF 1HP TO 3HP; THE HORSE POWER IS NOT INCLUDED IN THE PART NUMBERING SCHEME

\*\*30 AMP MULTIPHASE UNITS USE SEOOV CABLE IN STANDARD MODELS 10/4 OR 10/5

UNIT DIMENSIONS:

