NSS North Shore Safety a Tecmark Company

LineGard® Always on duty

20 AMP PORTABLE SERIES GFCI

PRODUCT FEATURES

- 120VAC, *208VAC, 240VAC models available
- New • TYPE 4X, IP69, & IP69K ideal for extremely wet and outdoor environments
- Industrial design for rough service applications
- Enclosure is Chemical and U.V. resistant
- Double insulated user interface as required by all portable equipment
- Largest 20 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
- Dual indication lights displaying power and fault status
- New • Meets UL self-test requirements
- cULus listed to UL 943 (Class A GFCI)

***Consult factory for OEM 208 VAC applications**

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PRODUCT OVERVIEW

The ***LineGard*** ® 20 Amp Portable Series comes factory standard with plug and connector or with flying leads for OEM and field wiring applications. It is available in either Automatic or Manual reset types on power up *(see below). Power cords intergrated with this ***LineGard***™ 20A GFCI become OSHA compliant for portable and temporary power usage in confined space: *OSHA 29 CFR 1926.404(b)(1)(ii) and 29 CFR 1926.405(b)(1)(ii)(G).*

This product meets the requirements of NEC 590.6 (a) & (b), and OEM applicance requirements per NEC 422.5 & NEC 210.8.

The ***LineGard*** ® 20 Amp Portable series GFCI is engineered for extremely wet and hazardous environments. ***LineGard*** ® 20 is designed and constructed with materials that are impact resistant and withstand chemical and UV light exposure. It is also achieves TYPE 4X, IP69K ratings and is suitable for both indoor and outdoor applications.

For user convenience, the ***LineGard*** ® 20 Amp portable series GFCI incorporates green and red LEDs for power and fault status. ***LineGard*** ® 20 features Test/Reset buttons that are double insulated and recessed for additional safety to prevent accidental switching during rough handling. In addition, the electrical contacts of this device are electro-magnetically latched to prevent false tripping under rough service.

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*** ® 20 Amp Portable series GFCIs are proudly assembled in the U.S.A in ISO certified facilities and are UL and cUL listed to UL 943. (cURus recognized with flying leads)

c UL US LISTED

ISO 9001:2015

PRODUCT SPECIFICATION

Type:	Class A
Voltage:	120 VAC, 240 VAC, 208 VAC (consult factory)
Operating Voltage Range:	85% to 110% of rated voltage
Current:	Up to 20 Amps or various wiring devices and/or cable rating
Frequency:	60 Hz, 50 Hz (available non-UL)
Trip Level:	5 +/- 1 mA
Phase:	Single
Response Time:	25 mS max @ 500 Ohm fault
Operating Temperature:	-35°C to 66°C
Let Go Voltage:	60% rated voltage
Reset Type:	Automatic or Manual (safe start)*
Open Neutral Protection:	Opens upon loss of neutral (on applicable SKUs only)
Grounded Neutral Protection:	Trips if ground and neutral touch at load side (on applicable models only)
Enclosure:	TYPE 4X, IP69, & IP69K wet location rated; high impact withstand
Switch Interface:	Double insulated
Latching Mechanism:	Electro-magnetic
Agency Approval:	cULus 943 Listed

***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

***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)

LINEGARD 20 AMP PORTABLE SERIES GFCI DECISION TABLE

Product Type (default) → **PGFI - 2 2 0 1 N***

Voltage
(1) 120 VAC 1Ø
(2) 240 VAC 1Ø
(9) 208 VAC (consult factory)

Ampacity
(2) 20 AMPS

Reset Type (note 1)
(0) Manual
(1) Automatic

Cable Configuration (12/3, SJEOOW Cable)(note 4)
(1) 2' yellow
(2) 25' yellow
(3) 50' yellow
(5) 6' yellow

Connector
(N) None (flying leads)
(1) Locking
(2) Straight Blade

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 20 Amps. NEMA configurations for the 120 VAC and 240 VAC are L5-20 and L6-20 respectively.
3. All assemblies with flying leads are cURus recognized.
4. Custom cord sets and watertight connectors are available. Please consult North Shore Safety.
***Decision table part number shown is a 240 VAC, 20 AMP, Manual Reset, 2 Ft Cord Length, No connector.**

20 AMP PORTABLE SERIES GFCI PRODUCT CONFIGURATION TABLE STANDARD OFFERINGS

PGFI -		X		2	X		X				X	
		VOLTAGE		AMP	POWER-UP		SECONDARY CORD				CONNECTORS	
MODEL	STD SKU	120 (1)	240 (2)	20 (2)	MAN (0)	AUTO (1)	2' YEL (1)	6' YEL (5)	25' YEL (2)	50' YEL (3)	NONE (N)	LOCKING (1)**
PGFI-1201N	X	1		2	0		1				N	
PGFI-2201N	X		2	2	0		1				N	
PGFI-1211N	X	1		2		1	1				N	
PGFI-2211N	X		2	2		1	1				N	
PGFI-1205N		1		2	0			5			N	
PGFI-2205N			2	2	0			5			N	
PGFI-1215N		1		2		1		5			N	
PGFI-2215N			2	2		1		5			N	
PGFI-1202N		1		2	0				2		N	
PGFI-2202N			2	2	0				2		N	
PGFI-1212N		1		2		1			2		N	
PGFI-2212N			2	2		1			2		N	
PGFI-1203N		1		2	0					3	N	
PGFI-2203N			2	2	0					3	N	
PGFI-1213N		1		2		1				3	N	
PGFI-2213N			2	2		1				3	N	
PGFI-12011*	**X**	**1**		**2**	**0**		**1**					**1**
PGFI-22011*	**X**		**2**	**2**	**0**		**1**					**1**
PGFI-12111*	**X**	**1**		**2**		**1**	**1**					**1**
PGFI-22111*	**X**		**2**	**2**		**1**	**1**					**1**

Note:
*Units are configured with molded twistlock and SJTW cable as opposed to SJEOOW. These units are configured to 20 Amps at rated unit voltage and are configured with locking non-water tight devices. NEMA configurations for the 120VAC and 240VAC are NEMA L5-20 and L6-20 respectively.

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20 AMP GFCI OFFERINGS

Flying Lead Yellow

- Ideal for OEM applications
- Versatile for various field wiring options
- Custom secondary lengths available

Flying Lead Black

- Ideal for OEM applications
- Versatile for various field wiring options
- Custom secondary lengths available

Dimensions

Molded Twist Lock

- Ideal for temporary power protection
- Convenient plug and protect design

Mechanical Straight Blade

- Custom configurations available
- Compatible with all 15A - 20A plugs and connectors

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