



LineGard®
Always on duty

100 AMP PERMANENT SERIES UL 943-HF RATED GFCI



PRODUCT FEATURES

- 208 VAC - single, and 3Ø
- NEMA 4X wet location rated
- Enclosure withstands Chemical and U.V. light exposure
- Double insulated user interface for added safety
- Industrial design - indoor/outdoor application use
- 5 wire gland location markers
- User installs wiring into terminal line/load connections
- Triple indication lights displaying power, contact position, and fault status
- Class-A trip level 5mA +/-1 mA (at 60Hz, higher levels at higher frequencies for VFD trip resistance)
- ETL Listed to UL 943-HF

PRODUCT OVERVIEW

The **LineGard**® 100 Amp Class A Ground Fault Circuit Interrupter (GFCI) is ideal for both new and existing circuit installations.

The **LineGard**® 100 Amp Class A GFCI offers the flexibility of splicing in anywhere within the length of a circuit. This convenience allows the installer to place this GFCI at an accessible location for the end user. Unlike breaker style GFCIs which have limitations of circuit level from the service panel, the **LineGard**® 100 Amp Class A is typically installed at the point of use and therefore has no restrictions to circuit length. The **LineGard**® 100 Amp Class A GFCI can be integrated directly into a circuit or paired in tandem with an approved receptacle.

North Shore Safety recommends using NPT conduit fittings for integration to flexible, EMT, PVC, or burial conduit.

All **LineGard**® 100 Amp Class A GFCIs are proudly made in the U.S.A. in ISO certified facilities and are UL943-HF and CSA C22.2 No. 144 listed.



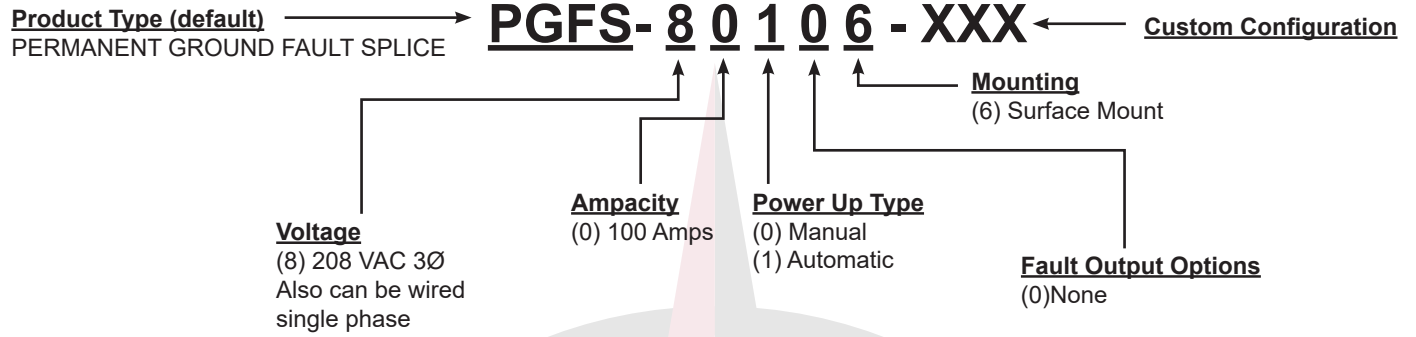
PRODUCT SPECIFICATION

Type:	Class A GFCI
Voltage:	208 VAC
Operating Voltage Range:	85% to 110% of rating
Current:	Up to 100 Amps
Frequency:	60 Hz
Trip Level:	5mA +/- 1mA (at 60Hz, higher levels at higher frequencies for VFD trip resistance)
Phase:	3 Phase
Horsepower:	Up to 40 HP
Response Time:	25ms max at 500 Ω Fault
Reset Type:	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
Connectors:	AC contactor
Latching Mechanism:	User supplied conduit connectors
Agency Approval:	ETL Listed to UL943 HF

***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





100 AMP GFCI



Dimensions

