



Product Features

- 15/20Amp (120VAC) GFCI protected external outlet
- Clear cover to witness status of GFCI
- External lid sealing gasket
- LED light
- Screw tie down
- Lockout tagout
- Buckle latch for flexibility of use and operation
- Panel sealing gasket
- 15Amp (120VAC) GFCI protected internal outlet
- Panel through hole opening for enclosure is a standard DIN 32 punch
- 120VAC (3-Wire) “back-wired” device (suitable for 14 Ga. Wire)
- Black enclosure is NEMA 4X (P.N. PGFU-120-K2), Grey enclosure is NEMA 4 when closed (P.N. PGFU-120-K3)

Product Overview

North Shore Safety’s PanelGard is unique because it has three GFCI-protected receptacles – two outside and one inside the panel. Additionally, this GFCI receptacle’s purpose is to provide companies a trouble-free step toward complying with NFPA 79, which states all externally and internally mounted utility receptacles must be GFCI protected and tested every 30 days. Accomplishing this directive is simple and time effective with North Shore Safety’s PanelGard. The non-GFCI outlets inside a panel can be wired through the PanelGard, which is then externally mounted on the panel door. Testing is easy, just walk up to the door, flip the protective cover, and push the button. The “utility outlet” in this unit is moved from the sub-panel to the door reducing panel space, and is easy to retrofit on the door or the side of enclosure with DIN 32 Punch and where no subpanel space is available. OSHA discourages exposure to hazardous voltages without proper protection. To reset “tripped” GFCI, inside a panel requires maintenance personnel to be protected or the panel to be powered down. To protect maintenance personnel, OSHA has begun enforcing safety standards set forth by NFPA 70e. The goal of the NFPA’s requirement is to keep personnel away from hazardous voltages. If personnel are exposed to live voltages, they need to be “suited up” and protected while working on live voltage apparatus (i.e. Arc Flash Apparel). NFPA 79 has updated safety requirements for Electrical Machinery Safety Standards to include the following: GFCIs required on all receptacles internal or external to the control cabinet and the GFCI assembly needs to be NEMA or IP rated.

Product Specifications

Type:	Class A
Voltage:	120VAC
Operating Voltage Range:	85% to 110% of rated voltage
Current:	Rated to 20Amps
Frequency:	60 Hz
Trip Level:	5 +/- 1 mA
Phase:	Single
Response Time:	25mS @500 Ohm
Operating Temperature:	-35°C to 66°C
Agency Approval:	UL recognized 943 and CSA 22.2 No. 144
Overall Size:	5.0” x 4.5” x 4.0”
Panel Cutout:	1.875” x 2.875”

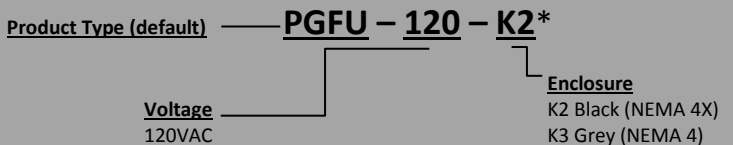


NFPA 79: GFCI’s...The Control Panel Utility Receptacle Standard

- All utility receptacles must be GFCI protected
- All external utility receptacles must be covered
- All covers must maintain enclosure rating

1) OSHA requires monthly testing of all GFCI outlets
 2) NFPA 79 Electrical Machinery Safety Standard 2002 Edition Sections 16.1.1 (6), 16.1.2

DECISION TABLE



Note: *Decision table part number shown is a 120 VAC, 15/20 Amp PanelGard receptacle with black enclosure