

# PowerGuard GFCI

Protection Panels for Commercial Kitchens



**PowerGuard Class A GFCI**

In commercial kitchens, the combination of a wet environment, stainless steel equipment, conductive surfaces, and combustible materials increase the risk of electrical shock incidents and fires. Adherence to sanitation standards necessitates the mobility of cooking and cleaning equipment, leading to the use of plug-and-cord connections. The cords used for this purpose are susceptible to damage over time and exposure to moisture, making them vulnerable to ground fault and shock risks. Internal components of appliances can degrade with time and exposure, which also increases the risk of a dangerous ground fault occurring.

Other common applications include protection for submersible pumps, fountain, pool, and spa equipment

The use of GFCI protection in a commercial kitchen where liquid, heat, and electricity are used simultaneously is critical. PowerGuard provides a proactive way to isolate hazards in commercial kitchen environments and eliminate shock risk.

- Class A GFCI for equipment and personnel protection
- Compatible with 3-phase and high amperage appliances like fryers, ovens, and dishwashers
- Enables compliance to latest NEC requirements regarding GFCIs in commercial kitchens and other damp environment applications
- NEMA Type 4x enclosure is wash-down capable

**PowerGuard Model PGDK-A-208-80-P-A**

Trip Curve	6mA, Fixed (UL943 Inverse Time Curve)
1φ, 2-wire, (L1, L2)	✓
1φ, 2-wire, (L1, N)	
3φ, 4-wire, (L1, L2, L3, N)	
3φ, 3-wire, (L1, L2, L3)	✓
Splitφ, 3-wire, (L1, L2, N)	
Max Current Rating	80A
Max Input Voltage	208V (+10%)
UL Rating	UL 943 Class A
Enclosure Material	Polycarbonate
NEMA Rating / UL Type Rating	Type 4X
Height, Width, Depth	13.4" x 11.4" x 7.85"
Mounting	Wall mount
Interface	Test, Reset
Weight	18 lbs.
SCCR rating	5kA

Dimensions

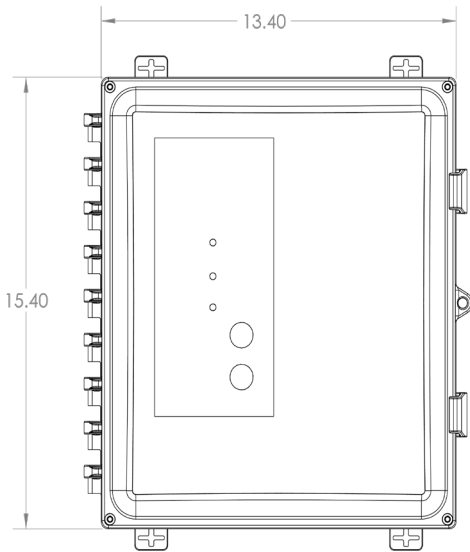


Figure 1

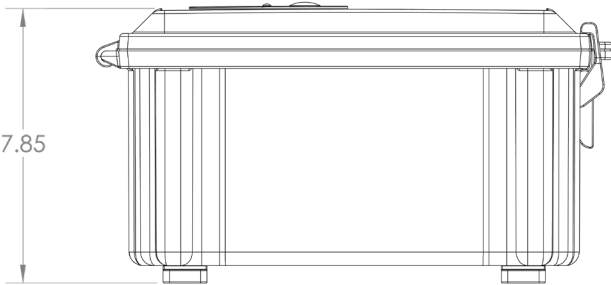


Figure 2

Dimensions	PGDK-A-208-80-P-A
Height	13.4"
Width	11.4"
Depth	7.85"

Interface

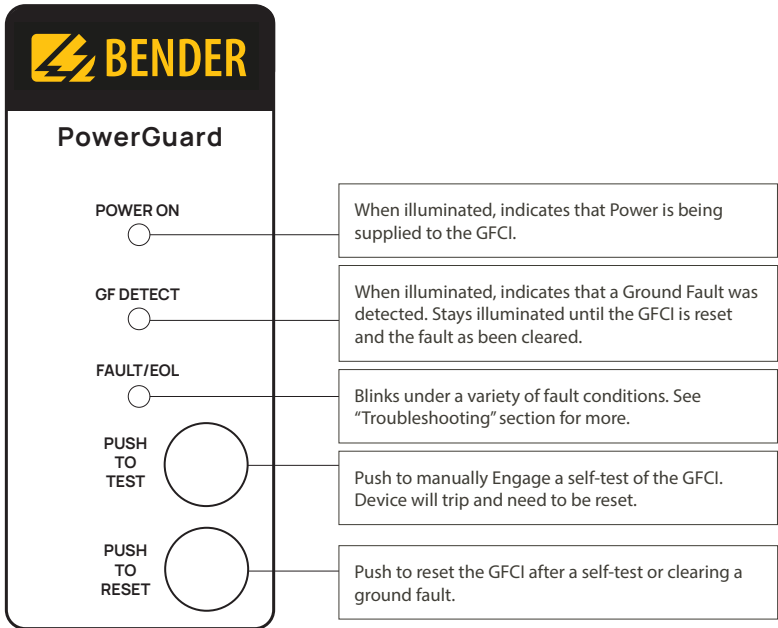


Figure 3

Wiring

Devices are pre-wired except sections labeled "Field Wiring".

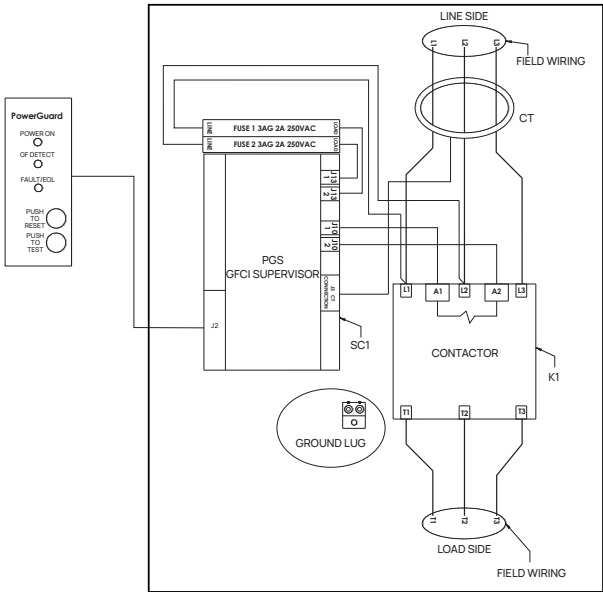


Figure 4

## **Certifications**

cULus according to UL 943

## **Warranty**

Subject to standard twenty-four (24) months after shipment by Seller to Buyer for Seller manufactured components.

Scan the QR code below for full PDF of Bender Warranty Statement:



USA: Bender Inc.

420 Eagleview Blvd.  
Exton, PA 19341

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Phone: 610-383-9200  
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