Circuit Guard®

Commercial Ground Fault Receptacles

Hubbell Tough,
Hubbell Safe,
Hubbell Tests the Whole System!

Meets the Revised 2003 UL 943 Requirements!

Hubbell introduces a new offering of Commercial GFCI receptacles that are designed to meet or exceed the revised 2003 UL943 Standard. This standard includes six new test requirements to provide more robust protection from the effects of transient voltage surges, moisture and corrosion, and electrical noise. The revised standard also provides additional requirements to prevent reversed line-load mis-wiring. Hubbell Commercial GFCI receptacles are designed to withstand these more stringent requirements without resorting to an inoperative power denial state.

Incorporates a Comprehensive Test Function, Unlike Other GFCI Receptacles.

Regardless of manufacturer, all GFCI receptacles must be tested on a monthly basis to insure proper operation. Hubbell's Commercial GFCI receptacles continue to feature a comprehensive test function to verify the receptacle can both sense a ground fault and interrupt the circuit in an actual fault current condition. When the test button is actuated, Hubbell GFCI receptacles induce a low level fault current into the circuit. By simulating a fault condition, both the electronic components and the mechanical trip mechanism are functionally tested to verify the device's ability to sense the fault and interrupt power to the circuit. Hubbell provides a complete test of all components that are required to function in the case of an actual ground fault condition.

This is not the case with all GFCI receptacles. Some designs merely test a portion of the electronic circuitry yet fail to test the mechanical trip mechanism. This type of testing fails to indicate the device's ability to function in a ground fault condition. This is particularly important considering GFCI devices are commonly used in outdoor applications where moisture and insects can negatively affect the mechanical components within the trip mechanism. Additionally, when mechanical components are not "worked" on a regular basis, they have a tendency to "freeze up". This type of incomplete testing can provide the user with a false sense of security that the device is functional when it is not.

Features

- Passes UL943 surge testing (3kA, 6kV) without having to resort to an inoperative power denial state.
- Comprehensive testing of electronic components and mechanical trip mechanism to verify the device's ability to sense a fault and interrupt the circuit in an actual fault condition.
- Back and side wired.
- Tri-drive screws.

Summary of UL943 Changes

- Voltage Surge Test.
- Moisture and Corrosion Resistance Test.
- Reversed Line-Load Mis-wire Test.
- Abnormal Over-voltage Test.
- Operating Mechanism Test.
- Noise Immunity Test.

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Commercial Ground Fault Receptacles

Commercial Specification Grade

NEMA 5-15R
15A 125V
UL CSA

NEMA 5-20R
20A 125V
UL CSA

GFCI Duplex Receptacles

Description	Color	Catalog Numbers	
Flush thermoplastic face, back & side wired, multiple drive screws. Matching wall plate included.	Brown	**GFR5252A**	**GFR5352A**
	Ivory	**GFR5252IA**	**GFR5352IA**
	Gray	**GFR5252GYA**	**GFR5352GYA**
	White	**GFR5252WA**	**GFR5352WA**
	Black	**GFR5252BKA**	**GFR5352BKA**
	Office White	**GFR5252OWA**	**GFR5352OWA**
	Red	**GFR5252RA**	**GFR5352RA**
Bulk pack, 50 pieces.	Brown	**GFR5252AM1**	**GFR5352AM1**
	Ivory	**GFR5252IAM1**	**GFR5352IAM1**
	Gray	**GFR5252GYAM1**	**GFR5352GYAM1**
	White	**GFR5252WAM1**	**GFR5352WAM1**
	Black	**GFR5252BKAM1**	**GFR5352BKAM1**

GFR5252RA

Faceless GFCI

Description	Color	Catalog Numbers	
Flushed thermoplastic faceless, back and side wired, multiple drive screws. Matching wall plate included.	Brown	-	**GFR5350**
	Ivory	-	**GFR5350I**
	White	-	**GFR5350W**
	Black	-	**GFR5350BK**

GFR5350BK

Commercial Hospital Grade GFCI Duplex Receptacles

Description	Color	Catalog Numbers	
Flush nylon face, back & side wired, multiple drive screws. Matching wall plate included.	Brown	**GF8200H**	**GF8300H**
	Ivory	**GF8200HI**	**GF8300HI**
	Gray	**GF8200HGY**	**GF8300HGY**
	White	**GF8200HW**	**GF8300HW**
	Office White	**GF8200HOW**	**GF8300HOW**
	Red	**GF8200HR**	**GF8300HR**

GF8300HI

Note: GFCI type receptacles should not be used in critical care patient areas or for electrical life support equipment applications because of the possibility of power interruption.

Specifications

Trip Level	4 to 6 mA.
Trip Time	.025 sec. nominal.
Frequency	60Hz
Voltage	120V AC +10% - 15%
Maximum Interrupting Capacity	2000A
Operating Temperature	-35° C to +66° C or -30° F to +150° F
Maximum Humidity	95%
Listings & Standards	Meets 2003 UL 943 for GFCIs, UL 943 Class A for GFCIs UL File E41978. CSA Certified.
Codes	Meets all 2002 NEC requirements

GFCI Receptacle Offering

- Commercial Specification Grade.
- 15 and 20 Ampere, 125 Volts AC.
- Faceless.
- Commercial Hospital Grade.
- Brown, ivory, white, gray, office white, black and red.
- Bulk pack.

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Wiring Device-Kellems

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