BRYANT®

The Ground Fault Protection Choice!

Performance and safety are the driving forces behind every Bryant ground fault receptacle. This complete GFCI line includes exclusive features that are ***only available from Bryant.*** Whether your need is in an office, home, on equipment or in a hospital setting, ***Bryant can provide the solution for you.***

Product variations include:

- LED
- Self Test
- Autoground
- Combination switch with a GFCI receptacle
- Hospital grade

Please note every Bryant GFR meets all Underwriters Laboratories 943 standard revisions.

The LED with a GFCI message!

The Bryant LED indicates the ability of the GFCI to perform its "ground fault protection" function when tested.

There has been a ***common industry indicator*** for the past 30 years that has been recognized when GFCI receptacles are tested. If a ground fault receptacle was unable to provide protection when the test button is pressed, the reset button would remain recessed. When the reset button was no longer "popping out", it signified that GFCI protection was no longer available.

Today, the ***new Bryant GFCI receptacle*** provides additional helpful information regarding protection. When tested, a ***rapid-flashing red LED*** will be activated if the ability of the GFCI to provide protection is no longer present.

Additional Features

- ***Miswire Protection:*** If the line and load are miswired, there will be no power at both the face and downstream. In addition, the unit will not be able to reset.
- The LED provides an ***"end of life"*** indicator.
- GFCI Protection Indicator: Upon test, ***flashing red LED*** indicates discontinuation of GFCI protection.
- ***Meets UL943*** surge testing (3kA, 6kV) without having to resort to an inoperative power condition that denies power and locks out the end user.

Note: Available as a combination switch and ground fault receptacle.

BRYANT® TRADE TIPS

Knowledge of code requirements and safety considerations are essential for determining what applications require ground fault protection. Many GFCI requirements are stated in the National Electric Code (Article 210.8) including bathroom, unfinished basements, kitchen and outdoor outlets. In addition, pools, hot tubs, spas, swimming pool equipment and garages all require GFCI protection. Consult NEC for additional locations requiring GFCI protection.

Self Test Ground Fault Receptacle with Diagnostic Technology!

Today, GFCI manufacturers rely entirely on the end user to ***"test and verify"*** the functionality and protection capability of their ground fault receptacles. End users are advised by manufacturers to test every GFR at a minimum interval of once per month. Operation of the ***"test and reset"*** function on a GFR provides the user with vital information relating to its ability to protect. Unfortunately, end users seldom heed this advice and only on a rare occasion actually test their GFCI receptacle. It is with this in mind that Bryant has expanded the functionality of the ground fault receptacle. In addition, the "test and reset" function can also be operated manually similar to a standard ground fault receptacle.

The Bryant Self Test GFR breaks new ground, utilizing patented design technology along with ***unique and innovative*** safety features. Benefiting from a superior printed circuit board design and programmed software, a self test diagnostic evaluation is performed ***every sixty seconds.*** This means that not only is the Bryant GFCI continuously monitoring for a ground fault condition but also the unit is monitoring the ability to protect. This is a significant ***benefit that surpasses*** the previous monthly test performed by the end user. For scenarios whereby the unit is never tested beyond the initial installation, this becomes a major advantage.

Additional Features

- Continuous electronic ***sensing & testing***, utilizing diagnostic software.
- Continuous ***verification*** of GFCI protection capability.
- ***Immediate indication*** if GFCI has lost the ability to protect.
- Additional test mode available by manually operating the ***"test and reset"*** button.
- Additional ***auto-sensing mode*** for immediate interruption of ground fault condition.
- 10,000 Amp short circuit rating on self test unit.

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BRYANT® Ground Fault Receptacles

LED GFCI



	Commercial			Faceless		Hospital	
Color	15A	20A	BULK 15A & 20A	20A	15A	20A
Brown	GF15L	GF20L	*Commercial Bulk pack, 50 pieces. For bulk pack use suffix "BULK" at end of base catalog. Example: GF15ILBULK.* *Wall plate not included.*	GFBF20L	GF82L	GFR83L
Ivory	GF15IL	GF20IL		GFBF20IL	GF82IL	GF83IL
White	GF15WL	GF20WL		GFBF20WL	GF82WL	GF83WL
Gray	GF15GYL	GF20GYL		GFBF20GYL	GF82GYL	GF83GYL
Black	GF15BKL	GF20BKL		GFBF20BKL	GF82BKL	GF83BKL
Red	GF15RL	GF20RL		GFBF20RL	GF82RL	GF83RL
Office White	GF15OWL	GF20OWL		GFBF20OWL	GF82OWL	GF83OWL
Almond	GF15ALL	GF20ALL		GFBF20ALL	GF82ALL	GF83ALL
Light Almond	GF15LAL	GF20LAL		GFBF20LAL	GF82LAL	GF83LAL

Self Test GFCI



	Commercial			Faceless		Hospital	
Color	15A	20A	BULK 15A & 20A	20A	15A	20A
Brown	GFST15	GFST20	*Commercial Bulk pack, 50 pieces. For bulk pack use suffix "BULK" at end of base catalog. Example: GFST15IBULK.* *Wall plate not included.*	GFSTBF20	GF82ST	GF83ST
Ivory	GFST15I	GFST20I		GFSTBF20I	GF82IST	GF83IST
White	GFST15W	GFST20W		GFSTBF20W	GF82WST	GF83WST
Gray	GFST15GY	GFST20GY		GFSTBF20GY	GF82GYST	GF83GYST
Black	GFST15BK	GFST20BK		GFSTBF20BK	GF82BKST	GF83BKST
Red	GFST15R	GFST20R		GFSTBF20R	GF82RST	GF83RST
Office White	GFST15OW	GFST20OW		GFSTBF20OW	GF82OWST	GF83OWST
Almond	GFST15AL	GFST20AL		GFSTBF20AL	GF82ALST	GF83ALST
Light Almond	GFST15LA	GFST20LA		GFSTBF20LA	GF82LAST	GF83LAST

AutoGround GFCI

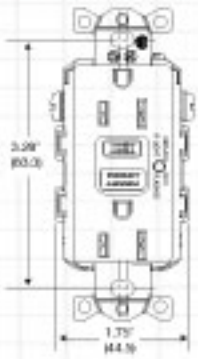
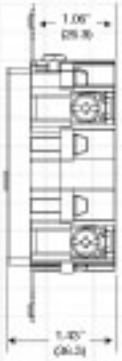
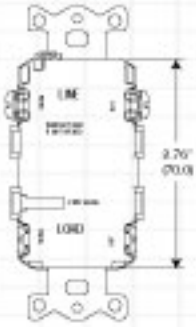
Color	15A	20A
Brown	GF15LGD	GF20LGD
Ivory	GF15ILGD	GF20ILGD
White	GF15WLGD	GF20WLGD
Gray	GF15GYLGD	GF20GYLGD
Black	GF15BKLGD	GF20BKLGD

Color	15A	20A
Red	GF15RLGD	GF20RLGD
Office White	GF15OWLGD	GF20OWLGD
Almond	GF15ALLGD	GF20ALLGD
Lt. Almond	GF15LALGD	GF20LALGD

Combination Switch/LED GFCI

Color	15A
Brown	GFSP15
Ivory	GFSP15I
White	GFSP15W
Black	GFSP15BK
Almond	GFSP15AL
Light Almond	GFSP15LA

Dimensions and Specifications

Trip Level	4 – 6 mA
Trip Time	.025 sec
Frequency	60Hz
Voltage	120V AC +10% - 15%
Amperage	15A/20A, 20A Feed Thru
Max Humidity	95%
Max Interrupting Capacity	2,000 Amps 10,000 Amps (Self Test Only)
Operating Temperature	-35° C to +66° C (-30° F to +150° F)
Codes & Standards	Meets UL 943 Class A GFCIs and UL 498 for Receptacles Complies to NEC, CEC & OSHA, UL File E-41978, CSA File LR-24886
Terminal Accommodations	#14-10 AWG stranded or solid copper conductors only.

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