Ground Fault Devices

Technical Specifications

Performance

Certifications	Standards
UL File # E41978	Underwriters Laboratories 943 Class A GFCI 2015 and UL 498 Receptacles
CSA File # LR24886	Canadian Standards Association C22.2 Number 42
Industry Standards	NEMA® WD 6, ANSI® C-73, NOM, NEC® and CEC
FCC Part 15 Class B	Certified conformance to radiated and conducted emission testing per FCC
Electrical	**Performance Specifications**
Trip Level	4 – 6 mA
Trip Time	.025 sec
Frequency	60 Hz
Voltage	120V AC +10% - 15%
Amperage	15A/20A, 20A feed-thru
Dielectric voltage withstand	1500V minimum per UL 498
AC Horsepower Rating	1 HP
Current Interrupting	10,000 amps
Green LED Indicator	On when power is available to the device
Red Trip Indicator	On when device is in the tripped position
Red “EOL” Indicator	Rapid flash when unit has reached end of life and/or cannot provide GFCI protection
Mechanical	
Terminal Accommodations	#14 – #10 AWG
Product Identification	Ratings are a permanent part of the device

Environmental

Flammability	UL94 V2
Operating Temperature	-35° to +66° C (- 30° to + 150° F)
Maximum Humidity	95%

Common Questions and Answers

Q: Why are ground fault receptacles changing?
A: Underwriters Laboratory per revised Standard 943 has published new self test monitoring requirements that apply to all permanently installed GFCI products, effective June 29, 2015.

Q: What is the primary benefit from these changes?
A: Every Ground Fault Receptacle must now test itself for the ability to provide GFCI protection. Industry studies show installed ground fault receptacles are not being tested as required by the end user (minimum monthly).

Q: Can I continue to use current generation GFCI receptacles after June 28th?
A: Absolutely, the current Bryant GFCI receptacles can no longer be produced after June 28, 2015. However, these devices produced prior to June 28, 2015 can be sold by manufacturers and distributors until their inventories are depleted. There is no time limitation on use of this product.

Q: What is different about this new version?
A: A power denial feature has been added to this next generation of self test Ground Fault Receptacle product. If critical components are damaged and GFCI protection is lost, power to the receptacle will be disconnected.

Q: What types of indicators do the CIRCUITPRO® ground fault receptacles have?
A: Every Ground Fault Receptacle includes a solid green LED to indicate power to the face, a solid red LED for a tripped condition and a flashing red LED to indicate end of life when the unit should be replaced.

Q: How does the Alarm version function?
A: The Alarm Ground Fault Receptacle includes all LED indicators that are in the standard product. In addition, an audible alarm will sound when either the unit trips and/or is in end of life. A “silencing feature” is provided on the face of the device to turn off as needed.