

DG15 & DG-20 Series GFCI

Meets UL943 (2008), CUL943 (2008) Technical Requirements.

Specification Grade

15 & 20A, 125VAC with LED, Class A Rated

Catalog No: _____

Project Name: _____

The DG15 or DG20 Ground Fault Circuit Interrupter (GFCI) is applicable to a circuit of AC 60Hz, 125VAC, 20A current, and can provide electric shock protection and prevent the risks of electrical fire caused by ground fault current of electrical equipment's insulated damage and prevent the double grounding of load neutral line.

END-OF-LIFE FUNCTION: These devices provide a set of circuits that are capable of performing an automatic check on main components of a circuit interrupting device when the circuit interrupting device is properly powered and the device is at a tripped state to determine whether these main components function properly. Automatic end of life detection and warn functions, when GFCI fails, the red signal lamp will Auto-warn to remind user. (Prevents line-ode reversal miss-wiring) GFCI cannot be reset and no power to the outlet if wired incorrectly.

This device can be installed in the common wall. It has the advantages of nice appearance, convenient installation, safety and UL certification and are designed for use in retail, office, education, hospitality/lodging, institutional, multiple dwelling and residential applications.

Technical Specifications

Technical Performance

Parameter	Value
Temperature of Working Environment:	Between -35°C and 66°C
Rated Voltage:	125VAC
Supply Voltage Range	102~132VAC
Frequency:	60Hz
Rated Current:	20A
Rated Leakage Current:	From 5mA ± 1mA
Trip Time :	0.025 Seconds
Trip Threshold:	4~6mA

Material Composition

Parameter	Value
Securing Screws:	Standard Parts
Housing:	Polycarbonate
Line Side Screw Parts Assembly:	Standard Parts & Galvanized Board
MOV Insulation Film:	Polyester Film
Small Stationary Contact:	Copper & Silver Contact
Mounting Yoke:	Galvanized board & Copper
Wall Plate:	Polycarbonate
Face Plate:	Polycarbonate
RESET Button Assembly:	Polycarbonate & Round Steel
Reset Spring:	72A Steel Wire
TEST Parts:	Polycarbonate & Round Steel
Big Stationary Contact Assembly:	Copper & Silver Contact
Middle Bracket:	Polycarbonate
PCB Assembly:	Electrical Parts, PCB, Copper
Trip Spring:	72A Steel Wire
In-Line Screw Parts:	Golden Samples & Galvanized Board

Product Compliance

This GFCI complies with the 2008 standard of UL 943 with LED indicator and Automatic End- Of-Life detection and warning function. UL listed E231858.

Ordering Information

Catalog No.

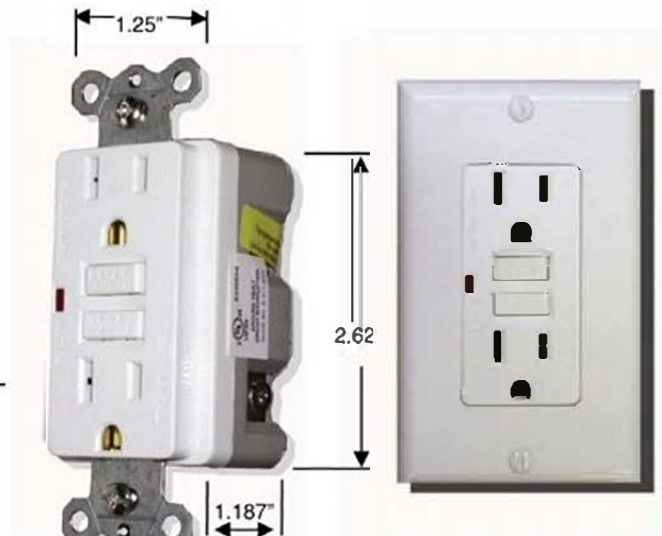
Example: **DG15-ALM**
Select Color

Description

DG15-	ALM-Almond, IV-Ivory, WW-White, BRN-Brown, Gray	GFCI 15 Amp w/LED Duplex Receptacle and End-Of-Life Function (2008)
DG20-	ALM-Almond, IV-Ivory, WW-White, BRN-Brown, Gray	GFCI 20 Amp w/LED Duplex Receptacle and End-Of-Life Function (2008)

FEATURES: Exceeds UL943 (2008) and CUL943 (2008) technical requirements.

- Class A rated GFCI
- Automatic end-of-life detection and warn functions, when GFCI fails, the red signal lamp will auto-warn to remind user.
- Prevents Line reversal miss-wire: GFCI cannot be reset and no power to the outlet if wired incorrectly.
- Work reliable under temperature from -35°C to 66°C.
- Extra strong ability to prevent lightning strike function, can endure 6000V, 10000A current's impulsion instantaneously.
- Over 3000times operational life.
- Resist shock, heat, corruption and moisture.
- Safe-lock design, assure state of fixing while trip.
- Have good overload and anti-jamming abilities..
- Adopt duplex outlet faceplate, load terminal can load common receptacle and other home compliances which also have ground fault protect function.
- Adopt permanent electro-magnetic motion, which is smart and reliable.
- Adopt standard appearance size, assure convenience of installation.
- Wiring screw adopts improved tension disc construction, making 10#-14AWF copper wire reliable connect.
- Green grounding screw as grounding connector, easy to installation and distinguish.
- Popular colors available in White, Ivory, Almond , Brown and Gray.



Specifications are subject to change without notice.

Warranty
1 Year

