



UPC Code : 078477803325

Country Of Origin : China

RoHS Compliant : Yes

AGRBF-W

20 Amp Feed-Through, 125 Volt Dual Function Blank AFCI/GFCI Receptacle/Outlet, Monochromatic, back and side wired, wallplate/faceplate sold separately, self-grounding clip included – White

The SmartlockPro® Dual Function AFCI/GFCI Receptacle offers protection both from electrical fires that could result from arc-faults and from electrical shock due to ground faults in one smart device. Through advanced technology, the SmartlockPro Dual Function AFCI/GFCI Receptacle helps protect home and family by working to detect arc-fault and ground fault hazards and, if detected, quickly cuts off power to help avoid a potential fire or shock occurrence. The SmartlockPro Dual Function AFCI/GFCI Receptacle offers a National Electrical Code® (NEC®) compliant option for AFCI/GFCI protection in residential kitchens and laundry areas for new construction, modifications/extensions and replacement receptacles. It is also ideal as a replacement for ungrounded receptacles, satisfying NEC requirements for both AFCI and GFCI protection.

Technical Information

Product Features

Amperage : 20 A Feed-Through

At Rated Voltage : 1 HP

Color : White

Pole : 2

Termination : Back & Side

Type : Blank Face

Voltage : 125 VAC

Wallplate : Not Included

Warranty : 2-Year Limited

Wire : 3

AC Horsepower Ratings

At Rated Voltage : 1 HP

Dielectric Voltage : Withstands 1250VAC per UL 1699A and UL 943

Temperature Rise : Maximum 30 degrees C after 250 cycles OL at 200 percent rated current

Electrical Specifications

Dielectric Voltage : Withstands 1250VAC per UL 1699A and UL 943

Flammability : Rated V-2 per UL 94

Operating Temperature : -35C to +66C

Temperature Rise : Maximum 30 degrees C after 250 cycles OL at 200 percent rated current

Environmental Specifications

Body Material : Polycarbonate

Clamps : Brass

Face Material : Thermoplastic

Flammability : Rated V-2 per UL 94

Grounding : Self-Ground Clip

Grounding Screw : Plated Steel

Line Contacts : Brass Double-Wipe .031 Thick

Notes : Wallplate Sold Separately

Operating Temperature : -35C to +66C

Strap Material : Galvanized Steel

Face Material : Thermoplastic

Grounding : Self-Ground Clip

Grounding Screw : Plated Steel

Line Contacts : Brass Double-Wipe .031 Thick

Notes : Wallplate Sold Separately

Product ID : Ratings are permanently marked on device

Strap Material : Galvanized Steel

Terminal Accom. : 14-10 AWG

Terminal ID : Brass-Hot, Green-Ground, Silver-Neutral

Wiring : Use with copper or copper-clad wire. No aluminum wiring

Yoke : Zinc-Plated Steel

Mechanical Specifications

Amperage : 20 A Feed-Through

Color : White

Pole : 2

Product ID : Ratings are permanently marked on device

Terminal Accom. : 14-10 AWG

Terminal ID : Brass-Hot, Green-Ground, Silver-Neutral

Termination : Back & Side

Torque Range : 14 – 18 in.-lbs

Voltage : 125 VAC

Warranty : 2-Year Limited

Wire : 3

Wiring : Use with copper or copper-clad wire. No aluminum wiring

Standards and Certifications

ANSI : C-73

CSA : CSA-C22.2 No. 270-14

CSA-C22.2 No. 144.1-06 : File LR-57811

NEMA : WD-6

NOM : Yes

UL 943 : File E48360

Yoke : Zinc-Plated Steel

UL1699.A : File E342815

Material Specifications

Body Material : Polycarbonate

Clamps : Brass

Features and Benefits

- May be used for outlet branch circuits where AFCI protection is desired but is located where an outlet is not needed
- Ideal for installing in locations to make AFCI protection "readily accessible" per NEC requirements
- May be used on circuits feeding lighting loads as well as other loads such as smoke detectors where a receptacle is not used
- Trip threshold meets or exceeds UL requirements for tripping time on ground faults and on both series and parallel arcs for optimal safety
- Engineered to meet the latest UL standard for auto-monitoring (self-test); periodically conducts an automatic internal test to confirm that GFCI protected power is available
- On initial power up, tests the GFCI circuit within 3 seconds
- Patented Lockout Action prevents reset if the device is damaged
- Status Indicator Light provides simple, intuitive feedback on power and protection status as well as indication of line/load reversal for at-a-glance analysis
- TEST and RESET buttons are readily accessible on the face of the device
- Improved immunity to high frequency noise reduces nuisance tripping
- Superior resistance to electrical surges and over-voltages enhancing reliability
- Patented bridge contact design provides individual sets of contacts for receptacle face and downstream receptacles; no power will be delivered to receptacle face if improperly wired (line-load reversed)
- One-piece T-design trip latch mechanism provides efficient operation
- Impact-resistant thermoplastic cover and body for durability
- Expanded wiring options with nine back-wire holes (two for each line and load connection plus one for ground with an internal clamp) for easy installation
- Compatible with all Decora® devices and wallplates for multi-gang installation option; available in select popular colors

SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
<input type="text"/>	<input type="text"/>	<input type="text"/>
JOB NUMBER:	<input type="text"/>	<input type="text"/>

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