AGRBF-W



20 Amp SmartlockPro® Dual Function Blank Face AFCI/GFCI Receptacle/Outlet

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

COMPATIBLE – Device designed to improve immunity for reduced HF nuisance tripping

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.

Color : White

UPC Code : 078477803325

Country Of Origin : China

Available Colors :

Light Almond

Technical Information

Electrical Specifications

Amperage : 20 A

Dielectric Voltage : 1250 VAC

Grounding : Self-Grounding

Horsepower Rating : 1 hp

Pole(s) : 2

Power Supply Input and Frequency : 125V, 60Hz

Short Circuit Current Rating : 10 kA

Temperature Rise : Max 30°C

Trip Level : Class A

Voltage : 125 VAC

Wire(s) : 3

Environmental Specifications

Operating Temperature : Maximum Continuous 66°C, Minimum -35°C (w/o impact)

Material Specifications

Body : Thermoplastic

Face : Thermoplastic

Grounding Screw : #8 Galvanized Steel

Line Contacts : Brass

Mechanical Specifications

Product ID : Ratings are marked on device

Termination : Back and Side Wire

Torque Range : 14-18 lbs.

Mounting Strap : Galvanized Steel

Self-Grounding Clip : Yes

TR Shutter : Non-Tamper

Terminal Clamps : Brass

Terminal Screws : #8 Plated Steel

Wire Accomodation : #10 - #14 AWG Copper, #10 - #12 Copper Clad

Product Features

Brand : SmartlockPro

Color : White

Device Type : Blank Face Device

Feature(s) : Indicator Light, Self-Test, Wallplate Included

Grade : Residential /Commercial Specification Grade

NEMA Configuration : 5-20R

Product Type : AFCI / GFCI

Standards and Certifications

Applicable Standards and Certifications : UL|CSA|CSA C22.2 No. 144|CSA C22.2 No. 270|UL 943|UL 1699A

NEMA : WD-1 and WD-6

Warranty

Warranty : 2-Year Limited

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)
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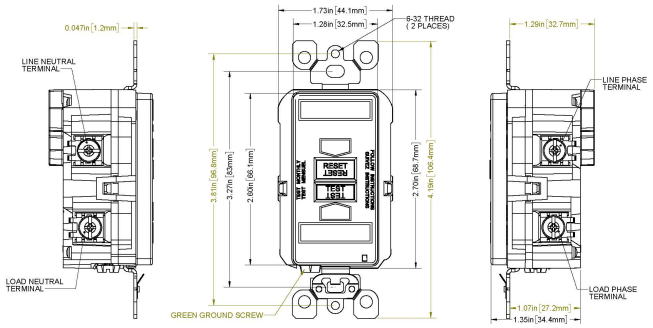
One-piece T-design trip latch mechanism provides efficient operation
- Impact-resistant thermoplastic cover and body for durability
- Expanded wiring options with nine back-wire holes (two for each line and load connection plus one for ground with an internal clamp) for easy installation
- Compatible with all Decora® devices and wallplates for multi-gang installation option; available in select popular colors

Patents*

US10317431	US10656199
CA2958166	US10401413
MX361147	MX325634
US7697252	US11831139
US8526144	MX344697
CA2730014	US8944859
MX302458	US8599522
US8599523	US9276393
US10367347	US10690700
US11456138	US9053886
US9709626	US9759758
US11349293	MX308495
CA2946849	US11105864
US9577420	US10483066

This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

Dimensional Drawing



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

Leviton Manufacturing Co., Inc
201 North Service Road, Melville, NY 11747
Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.
T. Monday-Friday): +1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-461-2002 · FAX: +1-800-824-3005 ·

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52) 5386- 1797 ·

Visit our Website at: www.leviton.com

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