



Color : ☐ White

UPC Code : 078477622490

Country Of Origin : China

Available Colors :



Ivory



Light Almond

AFRBF-W

20 Amp, Blank Face AFCI with LED Indicator Light

SmartlockPro, AFCI, Blank Face Receptacle Outlet, Commercial Specification Grade, 20 Amp, 125 Volt, Back and Side Wire, 2-Pole, 3-Wire, Self-Grounding Clip Included - White

The SmartlockPro® Outlet Branch Circuit (OBC) AFCI Receptacle offers advanced technology to help protect against electrical fires resulting from arc-faults. Designed to detect a wide range of potentially hazardous arc-faults resulting from damage in branch circuit wiring as well as extensions to branches such as appliances and cord sets, the OBC AFCI responds by interrupting power. This helps reduce the likelihood of the home's electrical system being an ignition source of a fire. Often unseen, arc-faults can occur anywhere in the home's electrical system including within walls, at loose electrical connections or within electrical cords accidentally damaged by impinging furniture. AFCI's are now required by the National Electrical Code® in many areas of the home.

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

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

Mounting Strap : Galvanized Steel

Self-Grounding Clip : Yes

TR Shutter : Non-Tamper

Terminal Clamps : Brass

Mechanical Specifications

Product ID : Ratings are marked on device

Termination : Back and Side Wire

Torque Range : 14-18 lbs.

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

Terminal Screws : #8 Plated
Steel

Product Features

Brand : SmartlockPro

Color : White

Device Type : Blank Face
Device

Feature(s) : Indicator Light,
Wallplate Included

Grade : Residential
/Commercial Specification
Grade

NEMA Configuration : Blank
Face

Product Type : AFCI

Standards and Certifications

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

NEMA : WD-1 and WD-6

Warranty

Warranty : 2-Year Limited

Features and Benefits

- Use of TEST and RESET buttons is similar to traditional GFCI receptacles of which consumers have become familiar with. This translates into greater acceptance of the technology and a more user-friendly platform
- Automatically tests the AFCI every time the RESET button is depressed; the AFCI will not reset if the AFCI circuit is not functioning properly
- By blocking reset of the AFCI if protection has been compromised, the SmartlockPro OBC AFCI reduces the possibility of end-users incorrectly assuming that a reset AFCI is providing protection when its functionality has been compromised
- A line-load reversal diagnostic feature is provided which prevents the AFCI from being reset and stops power from being fed to the AFCI receptacle face or through to downstream devices; a green LED indicator on the AFCI's face also illuminates to alert the installer to a line-load wiring reversal when the device is in the tripped state
- Device design reduces nuisance tripping
- Impact-resistant thermoplastic cover and body
- Superior resistance to electrical surges and over-voltages
- Terminals allow for easy wiring options – back and side wire capable
- Compatible with all Decora® devices and wallplates; available in select colors
- Meets or exceeds UL requirements for tripping time on both series and parallel arcs

Patents *

MX302458

US8599522

US7697252

US11349293

US8599523

US11831139

US11105864	US8944859
MX344697	US9276393
US9577420	US10367347
US11456138	US9053886
CA2730014	

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.

SPECIFICATION SUBMITTAL

JOB NAME: 	CATALOG NUMBERS: 	
JOB NUMBER: 		

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