



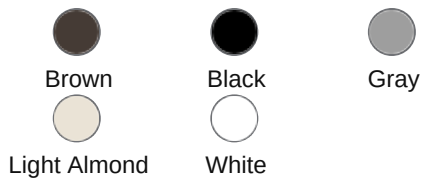
Color :  Ivory

UPC Code : 078477574997

Country Of Origin : China

NEMA :  5-20R

Available Colors :



AFTR2-I

20 Amp, Tamper-Resistant AFCI Outlet with LED Indicator Light

20 Amp, 125 Volt Receptacle/Outlet, 20 Amp Feed-Through, Tamper-Resistant, AFCI Receptacle/Outlet, Monochromatic, back and side wired, nylon wallplate/faceplate, screws and self grounding clip included – Ivory

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. AFCIs 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 : Thermoplastic

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 Clamps : Brass

Terminal Screws : #8 Plated
Steel

Product Features

Brand : SmartlockPro

Color : Ivory

Device Type : Duplex
Receptacle/Outlet

Feature(s) : Indicator Light,
Tamper Resistant, Wallplate
Included

Grade : Residential
/Commercial Specification
Grade

NEMA Configuration : 5-20R

Product Type : AFCI

Standards and Certifications

**Applicable Standards and
Certifications** : UL|CSA|CSA
C22.2 No. 270|CSA C22.2 No.
42|Fed Spec WC-596|UL
1699A|UL 498

NEMA : WD-1 and WD-6

Warranty

Warranty : 2-Year Limited

Features and Benefits

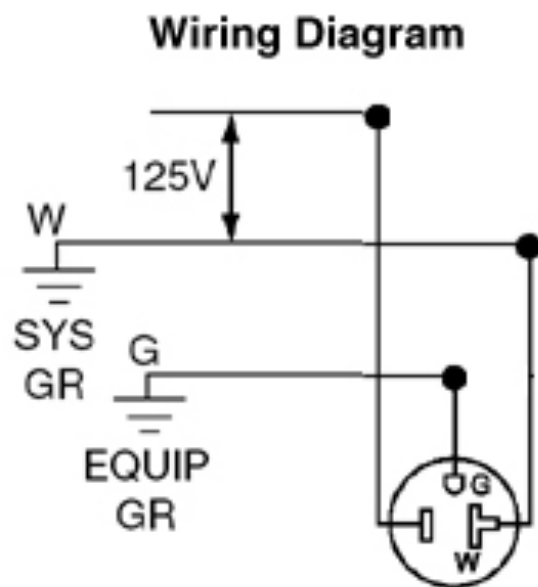
- Use of TEST and RESET buttons is similar to traditional GFCI receptacles of which consumers have become familiar with. This translates into greater acceptance of the technology and a more user-friendly platform
- Automatically tests the AFCI every time the RESET button is depressed; the AFCI will not 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
- TR symbol indicates the device's compliance with the latest NEC® requirements for tamper-resistant receptacles in residences and childcare facilities
- 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*

US7355117	CA2621644
US7868719	US7697252
US11831139	CA2624409
MX344697	CA2730014
US8944859	MX302458
US8599522	US8599523
CA2677283	US9276393
US8242362	US11456138
US9053886	US11349293
MX308495	US11105864
US9577420	US7820909
US10483066	US8587914

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.

Wiring Diagram



5-20R

SPECIFICATION SUBMITTAL

JOB NAME: 	CATALOG NUMBERS: 	
JOB NUMBER: 		

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If you would like to know where your local Leviton office is located please go to:
www.leviton.com/company/about-leviton/locations

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