

AFTR2-E

20 Amp, Self Test, 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 – Black



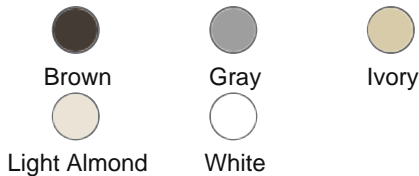
Color :  Black

UPC Code : 078477574973

Country Of Origin : China

NEMA :  5-20R

Available Colors :



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

AC Horsepower Ratings

At Rated Voltage : 1 HP

Dielectric Voltage :
Withstands 1250VAC per UL 1699A

Temperature Rise : Max 30C 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 Screw : Plated Steel

Line Contacts : Brass Triple-Wipe

Notes : w/ Wallplate

Operating Temperature : -35C to +66C

Electrical Specifications

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Withstands 1250VAC per UL 1699A

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Material Specifications

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Clamps : Brass

Face Material : Thermoplastic

Grounding Screw : Plated Steel

Line Contacts : Brass Triple-Wipe

Notes : w/ Wallplate

Product ID : Ratings are permanently marked on device

Terminal Accom. : 14-10 AWG

Terminal Screws : Plated Steel
Yoke : Zinc-Plated Steel

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

Terminal Screws : Plated Steel
Yoke : Zinc-Plated Steel

Mechanical Specifications

Amperage : 20 A
Color : Black
Feature : Tamper-Resistant
Grounding : Self-Grounding
NEMA : 5-20R
Pole : 2
Product ID : Ratings are permanently marked on device
Series : AFTR2
Standards and Certifications : UL/CSA, NEMA WD6
Strap Material : Galvanized Steel
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

Product Features

Amperage : 20 A
At Rated Voltage : 1 HP
Color : Black
Feature : Tamper-Resistant
Grounding : Self-Grounding
NEMA : 5-20R
Pole : 2
Series : AFTR2
Standards and Certifications : UL/CSA, NEMA WD6
Strap Material : Galvanized Steel
Termination : Back & Side
Type : Duplex Receptacle
Voltage : 125 VAC
Wallplate : Included
Warranty : 2-Year Limited
Wire : 3

Standards and Certifications

ANSI : C-73
CSA C22.2 No. 42 : Yes
CSA Technical Information Letter No. M-02A : Yes
NOM : 057
UL 498 : Yes
UL Fed Spec WC-596 : Yes
UL1699.A : File E342815
UL498 : File E13393

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

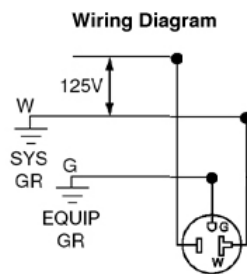
- By blocking reset of the AFCI if protection has been compromised, the SmartlockPro OBC AFCI reduces the possibility of end-users incorrectly assuming that a reset AFCI is providing protection when its functionality has been compromised
- A line-load reversal diagnostic feature is provided which prevents 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 *

US8242362

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: <input style="width: 90%; height: 20px;" type="text"/>	CATALOG NUMBERS: <input style="width: 45%; height: 20px;" type="text"/> <input style="width: 45%; height: 20px;" type="text"/>	
JOB NUMBER: <input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 45%; height: 20px;" type="text"/> <input style="width: 45%; height: 20px;" type="text"/>	

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