




Color:  Light Almond

UPC Code: 07847762253

Country Of Origin: China

## AFRBF-T

### Brand Features

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.

### Item Description

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 - Light Almond

### Technical Information

AC Horsepower Ratings

**At Rated Voltage:** 1 HP

Electrical Specifications

**Dielectric Voltage:** Withstands 1250VAC per UL 1699A

**Temperature Rise:** Maximum 30 degrees C rise

Environmental Specifications

**Flammability:** Rated V-2 per UL94

**Operating Temperature:** -35C to +66C

Material Specifications

**Body Material:** Polycarbonate

**Clamps:** Brass

**Face Material:** Thermoplastic

**Grounding Screw:** Plated Steel

**Notes:** Wallplate Sold Separately

**Terminal Screws:** Plated Steel

**Yoke:** Zinc-Plated Steel

Mechanical Specifications

**Product ID:** Ratings are permanently marked on device

**Terminal Accom.:** 14-10 AWG

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

Product Features

**Amperage:** 20 A

**Color:** Light Almond

**Grounding:** Self Grounding

**Pole:** 2

**Standards and Certifications:** UL/CSA

**Strap Material:** Galvanized Steel

**Termination:** Back & Side

**Voltage:** 125 VAC

**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

**NEMA:** WD-6

**NOM:** 057

**UL1699.A:** File E342815

**UL498:** Yes

## 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

## SPECIFICATION SUBMITTAL

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

### Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Teléfono: +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: +1-800-469-7890 ·

FAX: +1-800-824-3005 · [www.leviton.com/canada](http://www.leviton.com/canada)

### 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 · [www.leviton.com.mx](http://www.leviton.com.mx)

### Visit our Website at: [www.leviton.com](http://www.leviton.com)

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