AFSW1-W

Color: White

UPC Code: 07847768650

Country Of Origin: China

Brand Features

The SmartlockPro® Outlet Branch Circuit (OBC) Combination AFCI/Switch offers advanced technology to help protect against electrical fires resulting from arc-faults plus the convenience of a single pole switch to control the lights. This combination is ideal for kitchens, family rooms, bedrooms, dining rooms and hallways. The AFCI Switch may be used for new circuits or modifications to existing circuits where a switch is the first outlet on a branch circuit. 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 accidently damaged by impinging furniture. AFCIs are now required by the National Electrical Code® in many areas of the home.

Item Description

15 Amp Switch, 20 Amp Feed-Through, 125 Volt OBC AFCI with Switch, Monochromatic, back and side wired, nylon wallplate/faceplate included, self-grounding clip included - White

Technical Information

AC Horsepower Ratings
At Rated Voltage: 1 HP

Electrical Specifications
Dielectric Voltage: Withstands 1250VAC per UL 1699A
Temperature Rise: Max 30C after 100 cycles OL at 150 percent rated current

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 included
Terminal Screws: Plated Steel
Yoke: Zinc-Plated Steel

Mechanical Specifications
Product ID: Ratings are permenantly marked on device
Terminal ID: Brass-Hot, Green-Ground, Silver-Neutral

Product Features
Amperage: 20 A
Color: White
Grounding: Self-Grounding
Neutral: Required
Pole: 2
Series: AFSW1
Standards and Certifications: UL/CSA
Strap Material: Galvanized Steel
Termination: Back & Side
Voltage: 125 VAC
Warranty: 2-Year Limited
Wire: 3

Standards and Certifications
CSA Technical Information Letter No. M-02A: Yes
NOM: 003 - ANCE
Switch: UL 20, CSA-C22.2 No. 111
UL1699.A: File E342815

Features and Benefits

- Combination AFCI and single pole switch for new circuits or modifications to existing circuits where a switch is the first outlet in a branch circuit
- 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:	CATALOG NUMBERS:	
JOB NUMBER:		

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