

Product Data Sheet

4-Series Smart Outlet

4200-C

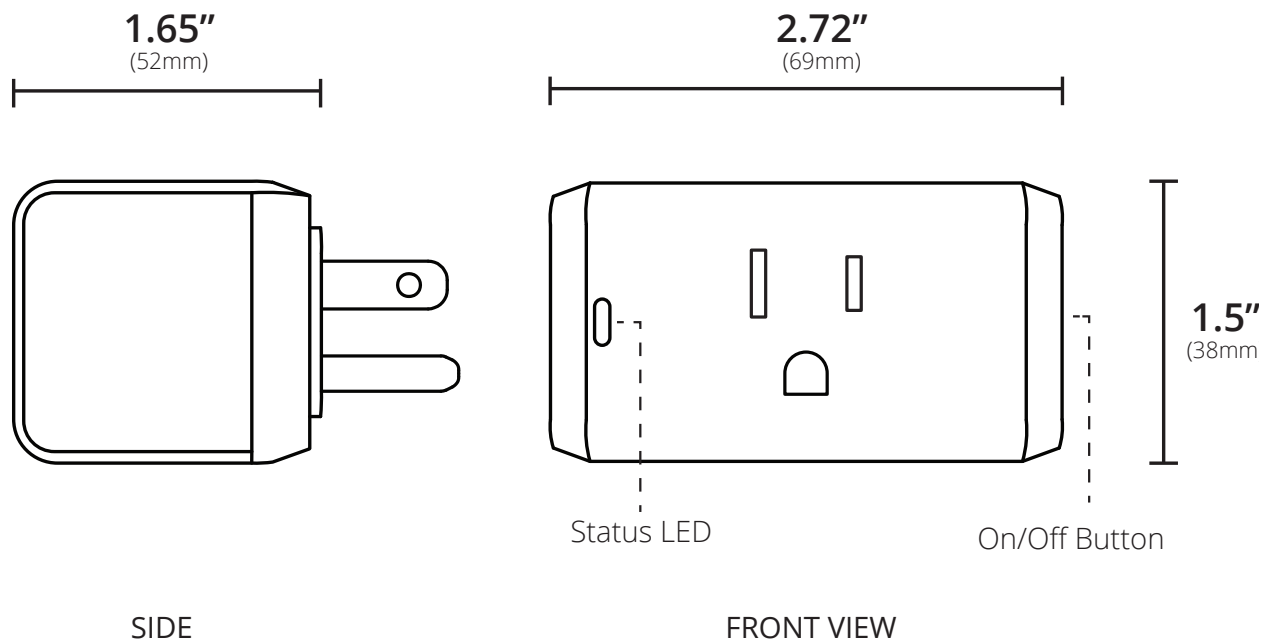
Centralite®

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Product Overview

The 4-Series Smart Outlet introduces new functionality to existing appliances and lighting devices. By placing the Smart Outlet between an outlet and any appliance in your home, you can instantly add advanced automation features. Not only can the Smart Outlet be switched on and off remotely, but it also can be used with your existing ZigBee hub to respond to alerts, schedules, and scenes.

Dimensions



In the Box:

1x - 4-Series Smart Outlet

1x - Quick Start Guide

Key Features:

- Built-in power amplifier for exceptional range.
- Easy compatibility with other manufacturers' ZigBee devices.
- Override button for direct on/off control.
- LED indicator for at-a-glance on/off status.
- Over-the-air firmware updates.

Use Cases

- Include appliances in your automated home schedules and events.
- Automatically turn off devices that are dangerous to leave on.
- Trigger coffee pot or toaster to turn on when there is motion in your bedroom in the morning.
- Include window units and space heaters in your home automation system.

Automatically turn off devices that are dangerous to leave on.

Can't remember if you turned off the curling iron? Not only can the Smart Outlet automatically turn off a device after a set period of time, it can send you notifications and let you check the status of a device.

Turn your Crock-Pot into a "smart Crock-Pot."

Plug-in your Crock-Pot to a 4-Series Smart Outlet and experience "connected" cooking. Schedule your home to begin cooking at noon—no more coming home during your lunch break to start a meal.

Special Features

High-quality, latching relays

The high-quality latching relay included in the Smart Outlet is rated for loads up to 15 amps. This allows users the ability to safely control loads from larger, higher current devices like computers, monitors, TVs, coffee makers, and large stereo systems.

Superior Range and Updatability

The 4-Series Smart Outlet includes a built-in power amplifier, giving the module superior range and stability in large homes or areas with wireless interference.

The Smart Outlet also supports over-the-air updates

providing for seamless upgrades and feature additions without the need for any user interaction.

Easy 2-Step Join Process

The Smart Outlet is factory-configured to search for open ZigBee networks the first time it is plugged in. Simply open the hub for joining, plug in the Smart Outlet, and the module will join the open network.

ZigBee Compatibility

The 4-Series Smart Outlet is fully ZigBee HA 1.2-compatible.

Getting Started

Step 1: Open ZigBee Network or Phone for Joining

Using your controller or hub's interface, enable the ZigBee network for joining.

Step 2: Plug-In Smart Outlet

Plug the Smart Outlet into a receptacle and it will immediately begin searching for a network to join (while green LED flashes slowly). After the Smart Outlet has successfully joined a ZigBee network, the status LED will turn solid green.

Step 3: Finish Joining at Hub or Phone (optional)

Some hubs and controllers require additional steps such as naming or categorizing the device.

Turning On and Off

You can use the button on the side of the Smart Outlet to turn the load on and off. When the load is on, the status LED will be solid blue.

Troubleshooting

Unplug Module from Receptacle

Begin by unplugging the module from the wall receptacle. Then plug it in again and test operation. Also, try plugging the lamp or appliance into a non-switched wall receptacle to ensure the lamp works.

Step 2: Factory Reset and Rejoin

Unplug any devices from the module and unplug from the wall. Now hold the on/off button while plugging it back into the wall. Hold the button until the status LED illuminates red, then release. Repeat the "Getting Started" steps to rejoin the ZigBee network.

Compatibility

The 4-Series Smart Outlet features out-of-the-box compatibility with any ZigBee-certified hub, controller, bridge, or platform.

Technical Specifications

Electrical

120 VAC, 60Hz

Supported Loads

120VAC 15A General Purpose

Environmental

Operating Temperature: 0° to 40°C

Approvals:   

Shipping / Storage

Temperature: -20° to 50°C
Humidity Range: 0 to 90% RH.
(non-condensing)

Wireless RF

Protocol: ZigBee HA 1.2
TX Strength: < +20 dBm
RF Channels: 16
Range: 130+ ft. (40+ m) L.O.S.

Safety Warnings

NOTE:

Each module outlet is rated to 15A only if the connecting cord is rated at 90C or greater.

WARNING!

If a load greater than 15 amps is attached to the output, the Smart Outlet will be damaged and will no longer function.

WARNING!

The total current limit of the device is 15A. Do not exceed this value!

WARNING!

If a direct short is created on the output, the Smart Outlet will be damaged and will no longer function.

Support

For Centralite retail-branded products, Centralite provides direct support for all products. Customers can contact us via e-mail at support@centralite.com and by toll-free phone at 877-466-5483.

Standard Warranty

Centralite offers a standard 12-month limited warranty on the 4-Series Smart Outlet.

Additional mandatory warranty period in compliance with local law product is being sold.

Contact Sales

For more information about sales or distribution, please contact:
877-466-5483
sales@centralite.com

Centralite Systems, Inc.
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FCC NOTICE:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure: The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

IC NOTICE:

This device complies with Canada Industry licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference; and (2) this device must accept any interference. Including interference that may cause undesired operation of the device.

CAN ICES-3 (B)

Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exem pts de licence L'exploitation est autorisée aux deux conditions suivantes: 1) l'appareil ne doit pas produire de brouillage; et 2) l'utilisateur de l'appareil doit accepter brouillage radio électrique subi même si le brouillage est susceptible d'encompromettre le fonctionnement. mauvais fonctionnement de l'appareil.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. CAN NMB-3 (B)

Radiation Exposure Statement: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.