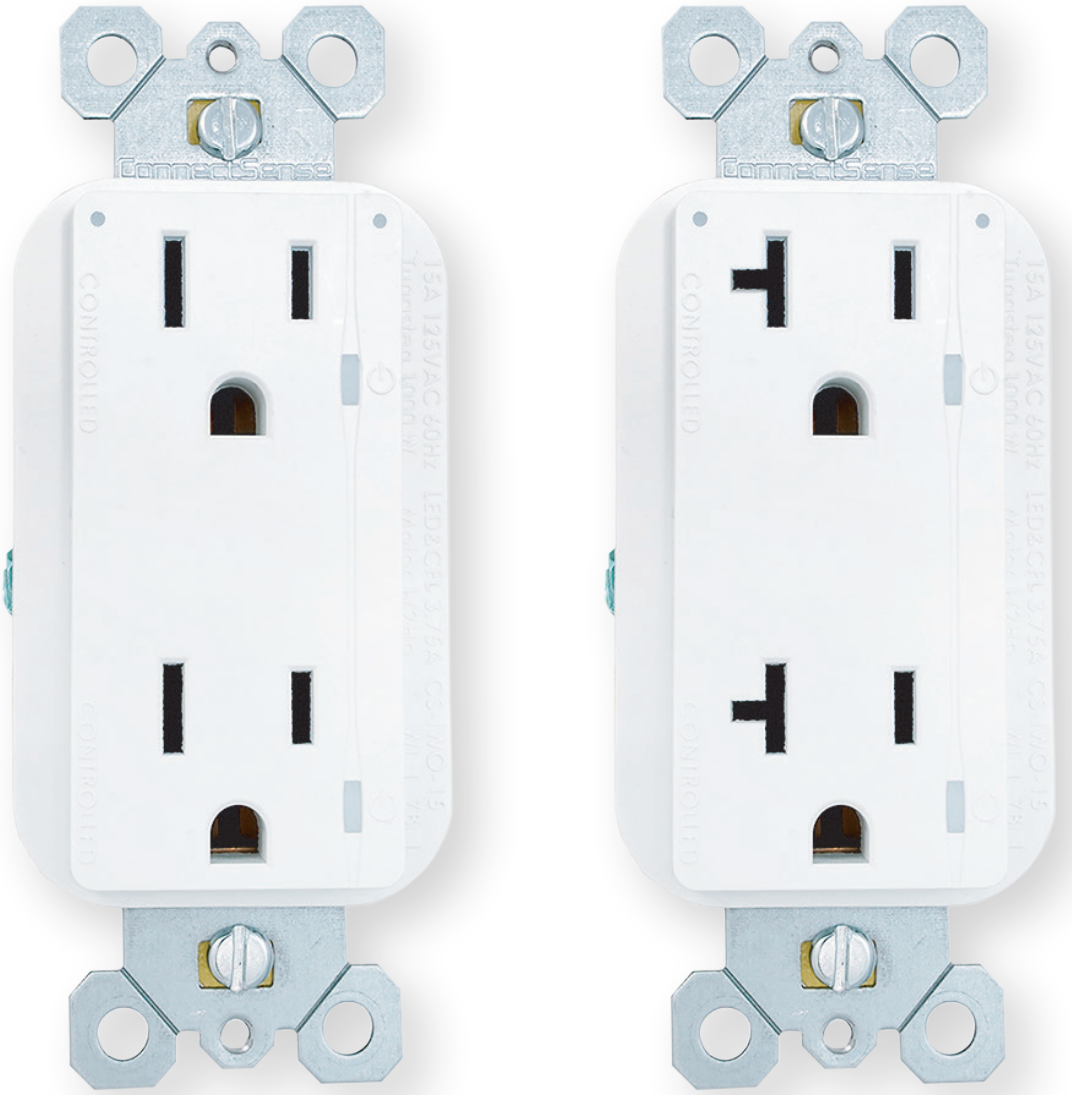
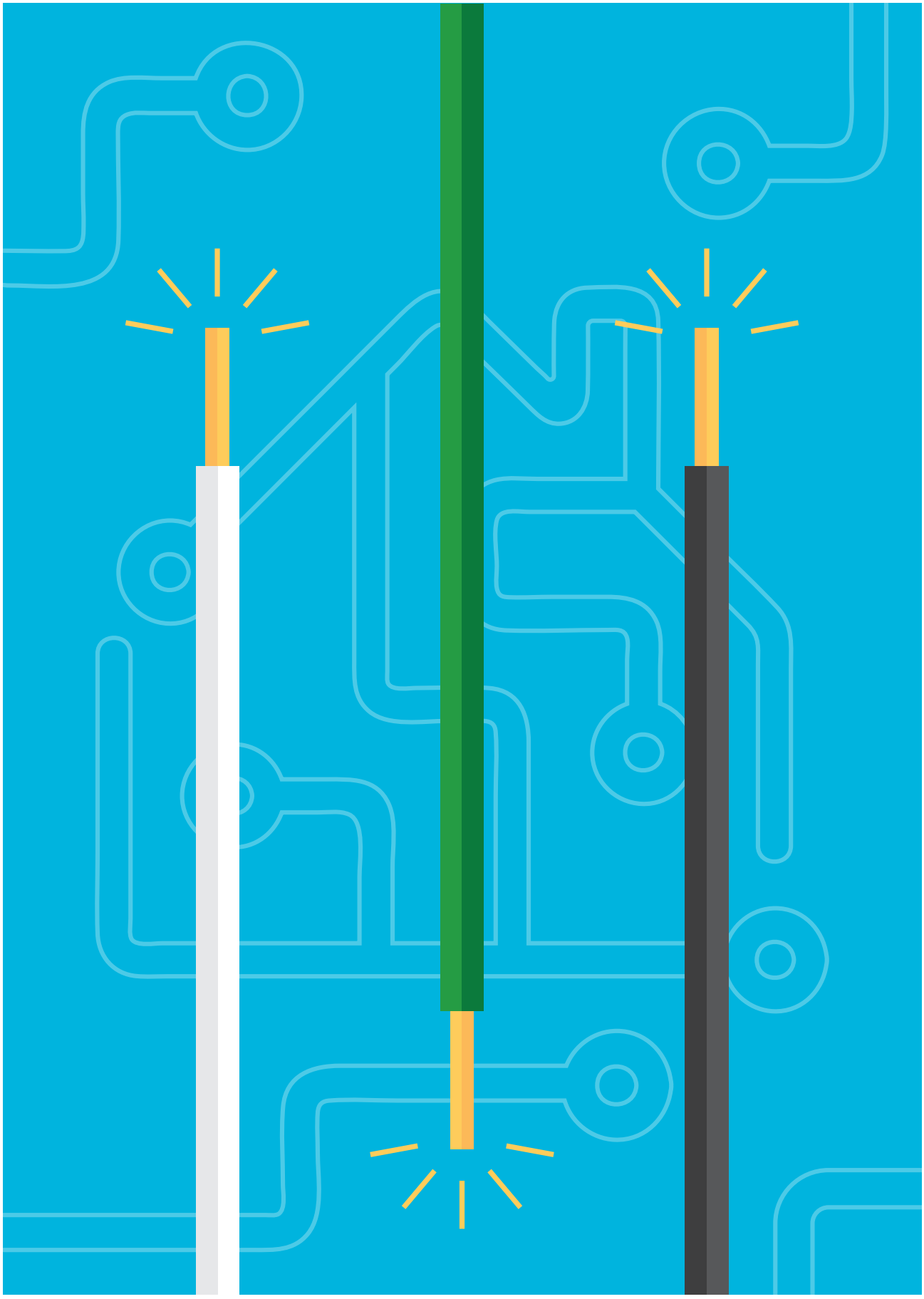
ConnectSense®

IN-WALL OUTLET

Installation Instructions



ConnectSense.com



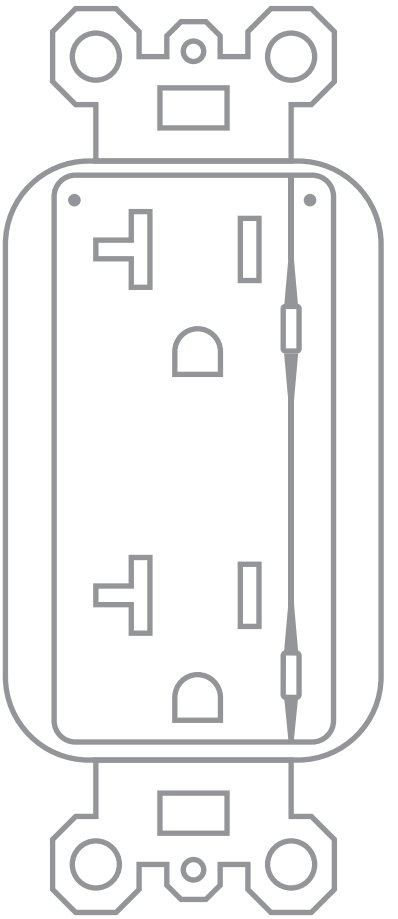
WARNING

This product requires handling of high voltage wiring. Please turn off your circuit breaker and follow instructions carefully.

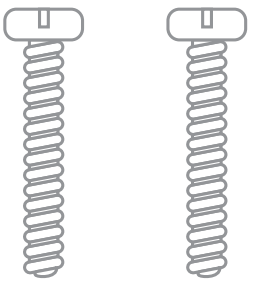
Turn off your circuit breakers and follow safety precautions in order to avoid fire, personal injury, or death.

Consult a Qualified Electrician if you do not have experience with high voltage wiring!

WHAT'S IN THE BOX?



ConnectSense In-Wall Outlet
(20 amp pictured)

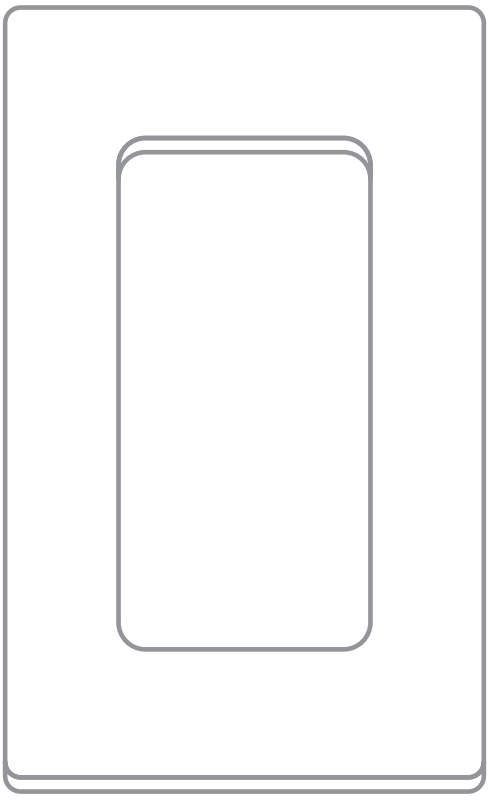


2 mounting screws

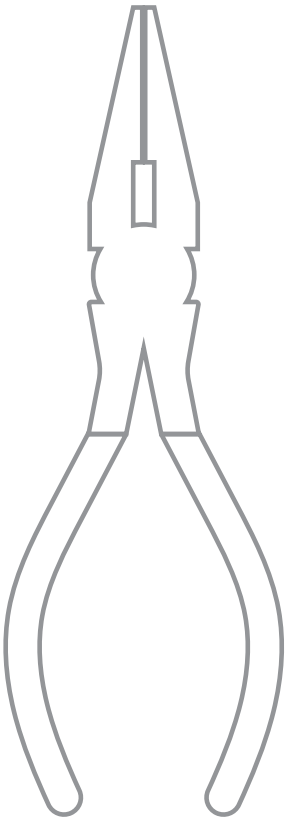
WHAT YOU'LL NEED

Phillips head #2 screwdriver

Flat head screwdriver



Wall plate



Pliers (optional)

COMPATIBILITY

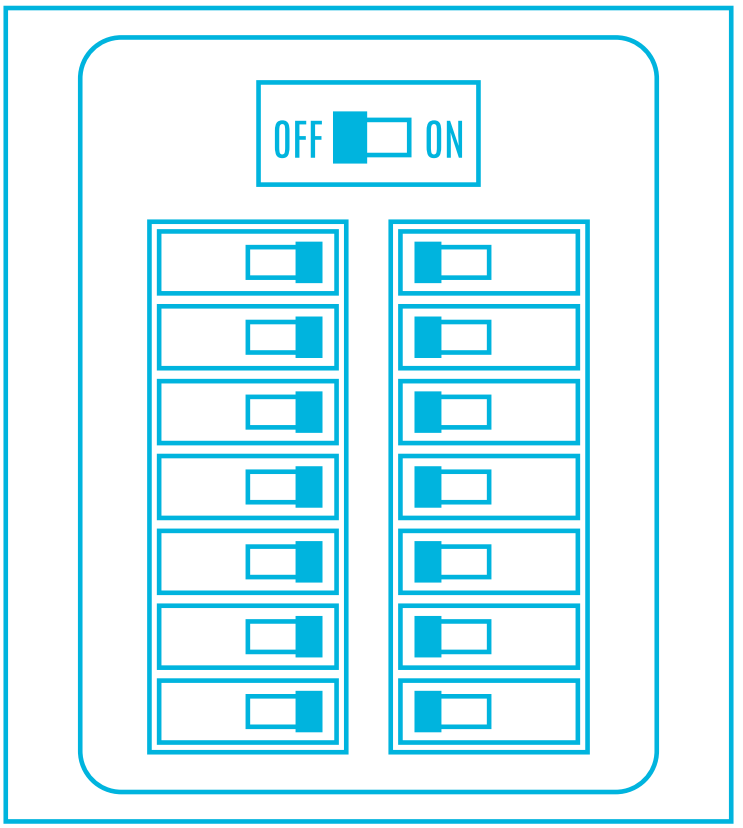
Is your circuit a 15amp or 20amp?

15 amp circuit supports ONLY 15 amp In-Wall Outlet. 20 amp circuit supports both 15 amp and 20 amp In-Wall Outlet.

RATING

Cat. No.	ANSI/NEMA Config and Electrical Rating	Electrical Rating for Integral Switching Means		Motor
		Tungsten, A	LED & CFL, A	
Receptacle with integral switching means				
CS-IWO-15	5-15 R 15A, 125 V	1000 (8.3)	3.75	1/2 HP motor
CS-IWO-20	5-20 R 20A, 125 V	1500 (12.5)	5.0	1 HP motor

TURN OFF YOUR BREAKERS



Turn off the circuit breaker for the outlet you are replacing. If breakers aren't labeled, turn off master breaker.

Before proceeding - Check for power by plugging in a device to confirm breakers are off.

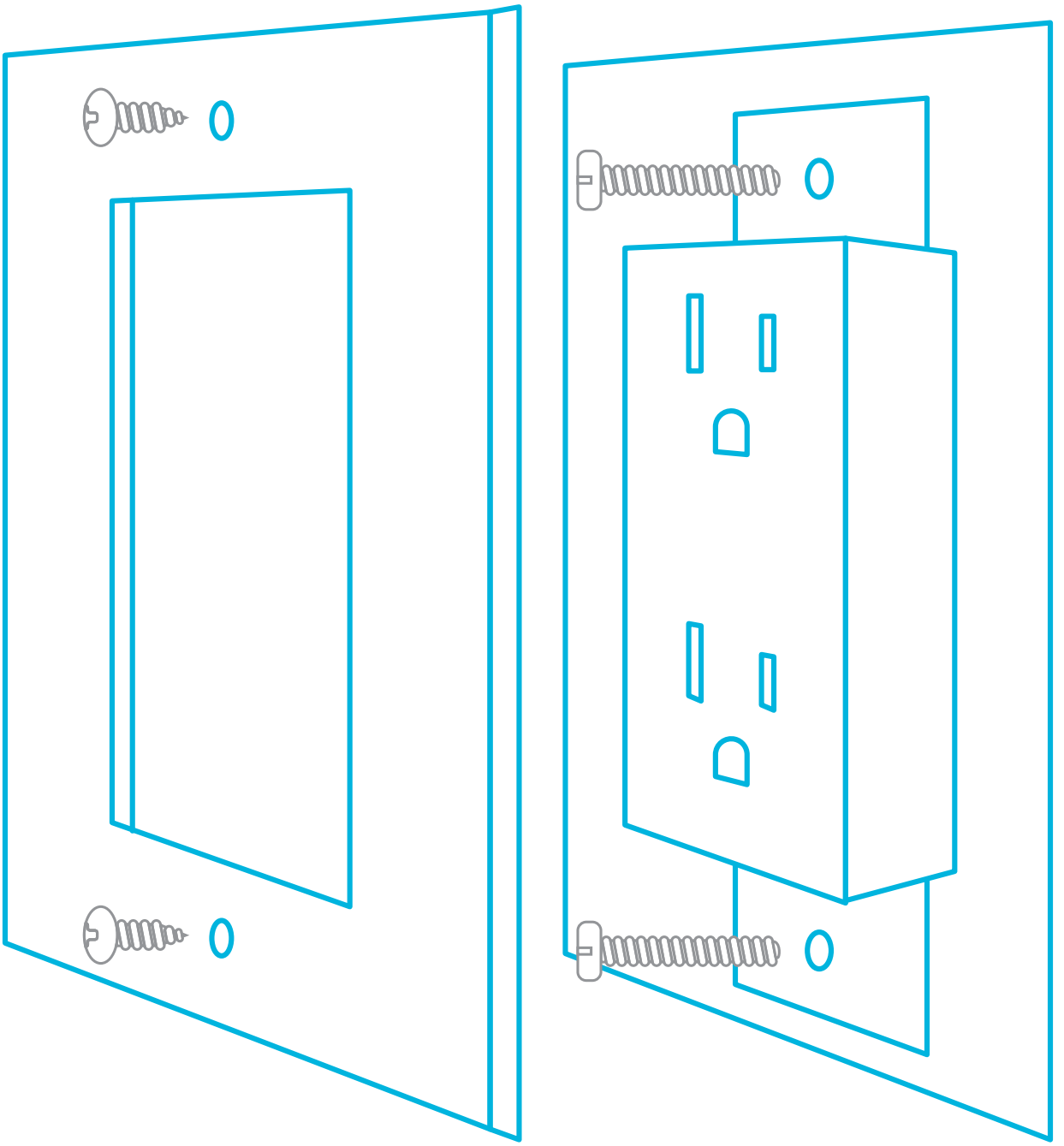
REMOVE OLD OUTLET

Unscrew wall plate and outlet from wall.

Carefully disconnect wires attached to outlet.

Remove your existing outlet.

Before removing - Be sure the device is not powered.



IDENTIFY & STRIP WIRES

You should see 3 types
of wires in your wall:

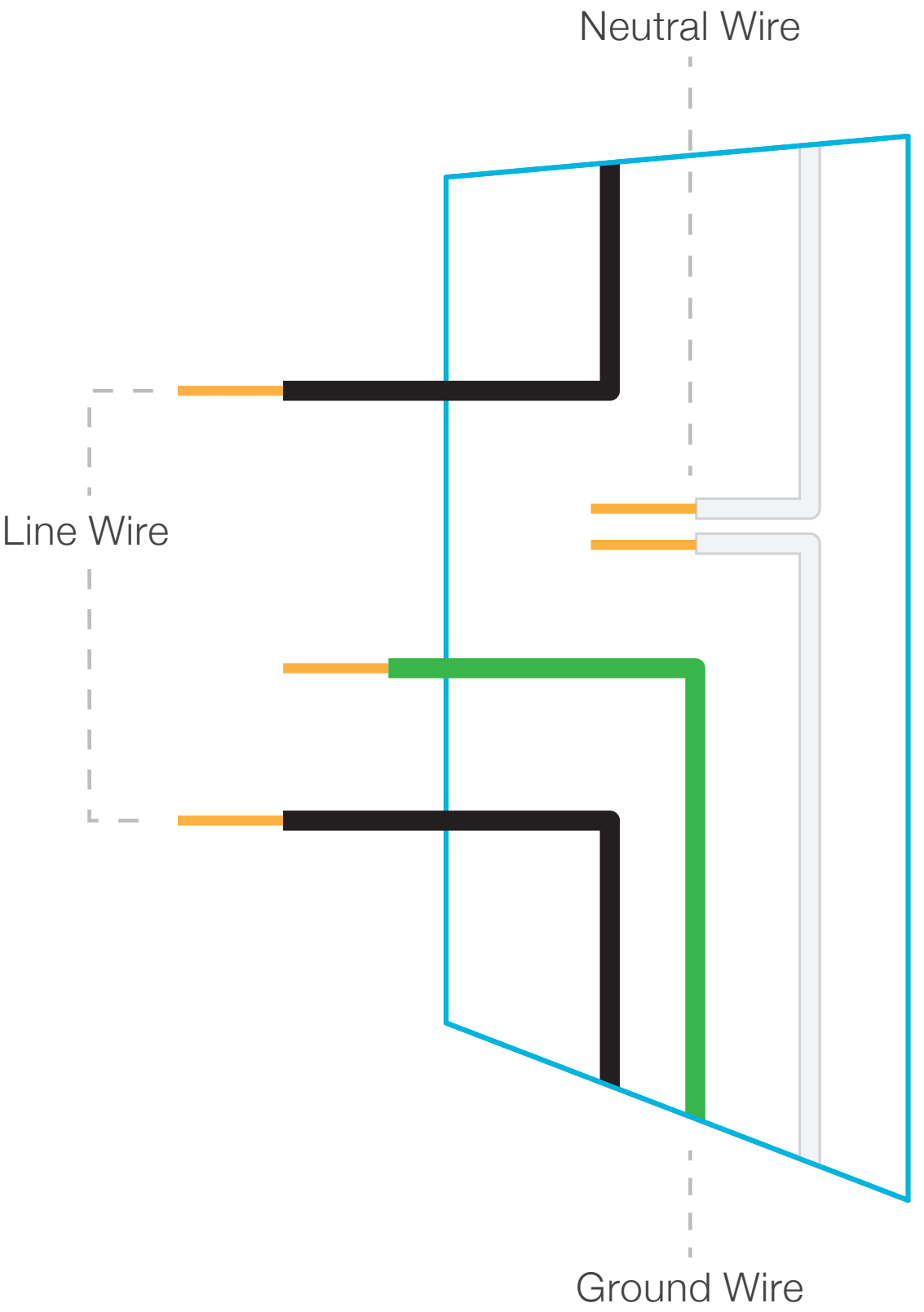
Line (Black)

Neutral (White)

Ground (Green)

Be sure your wires have a ½ inch stripped at the end of each wire. Use a proper* screwdriver to tighten the terminal screws.

Screwdriver should have a torque value of 14lbf-in (16.Nm)


Neutral Wire
Line Wire
Ground Wire

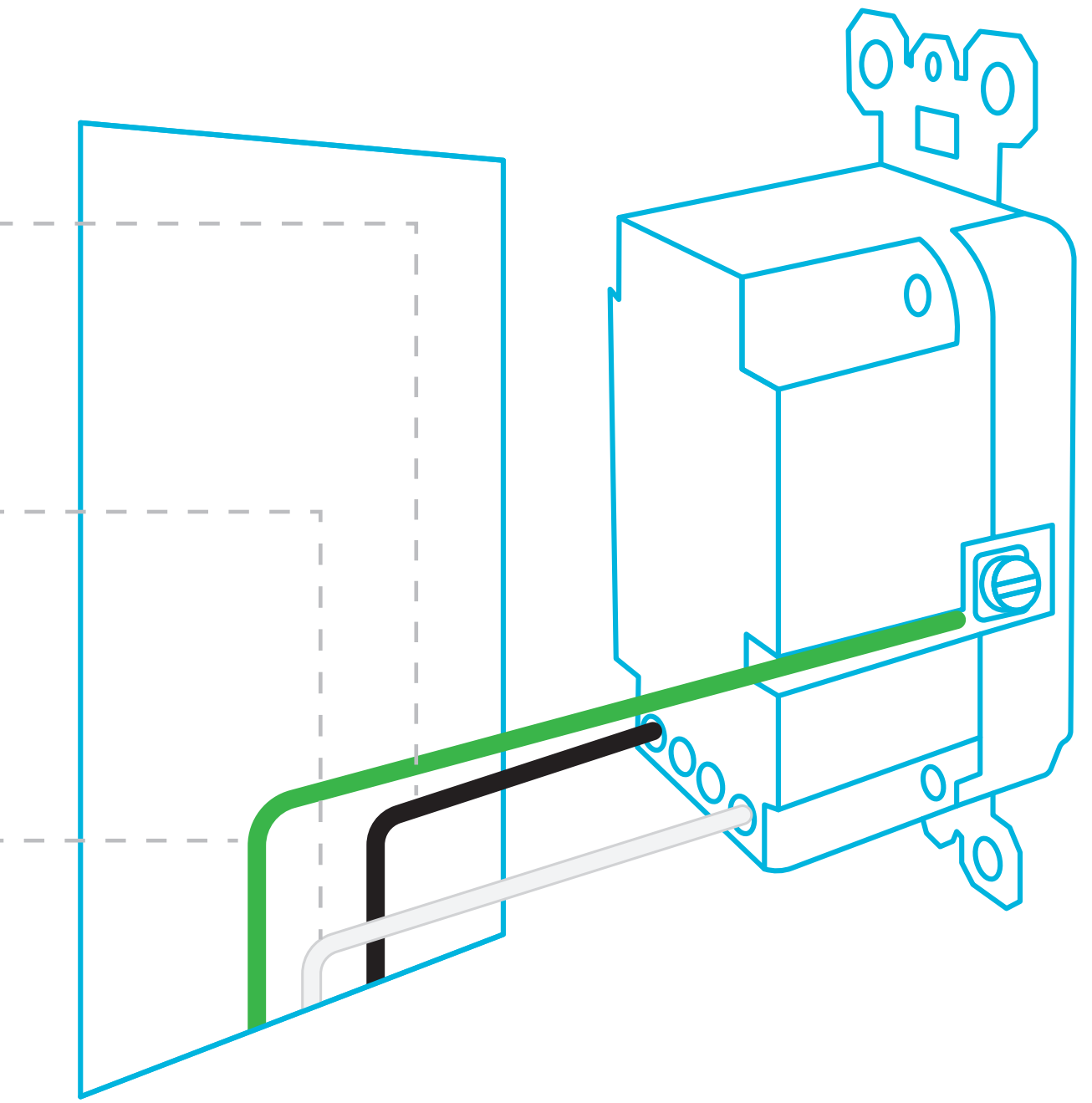
CONNECT IN-WALL OUTLET

Line Wire (Black)

Neutral Wire (White)

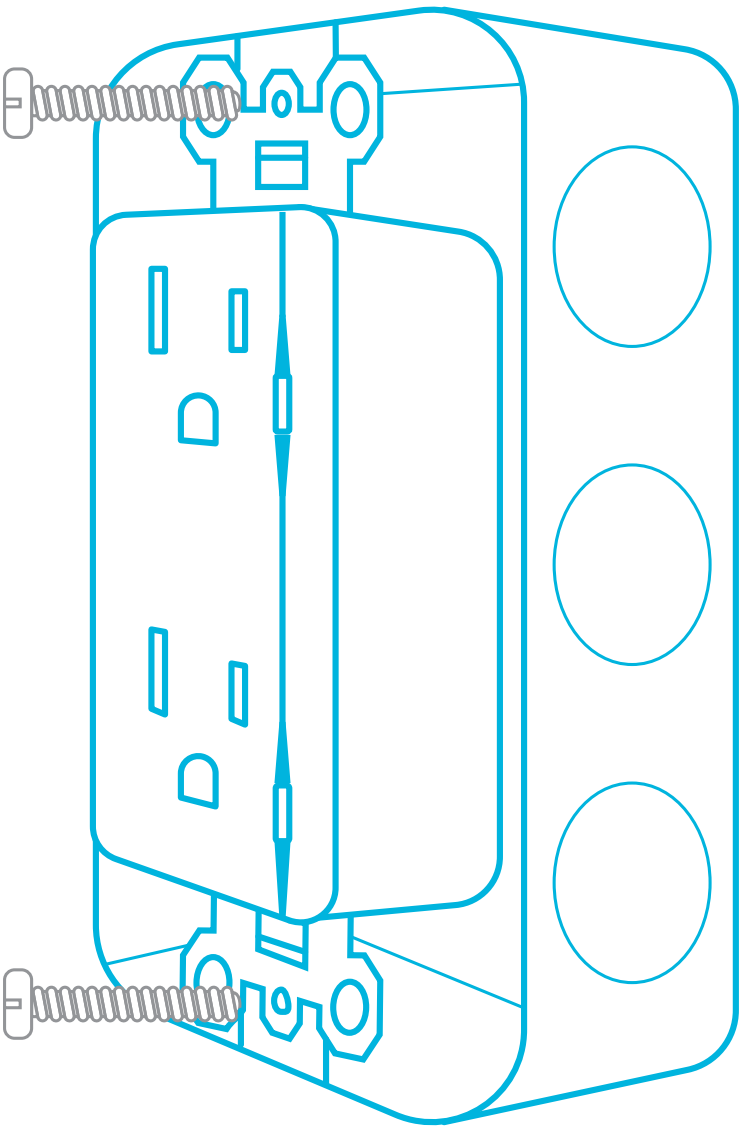
Ground Wire (Green)

To connect another device on the same circuit, use the two middle inputs. Be sure that the line and neutral are installed into the correct input location.



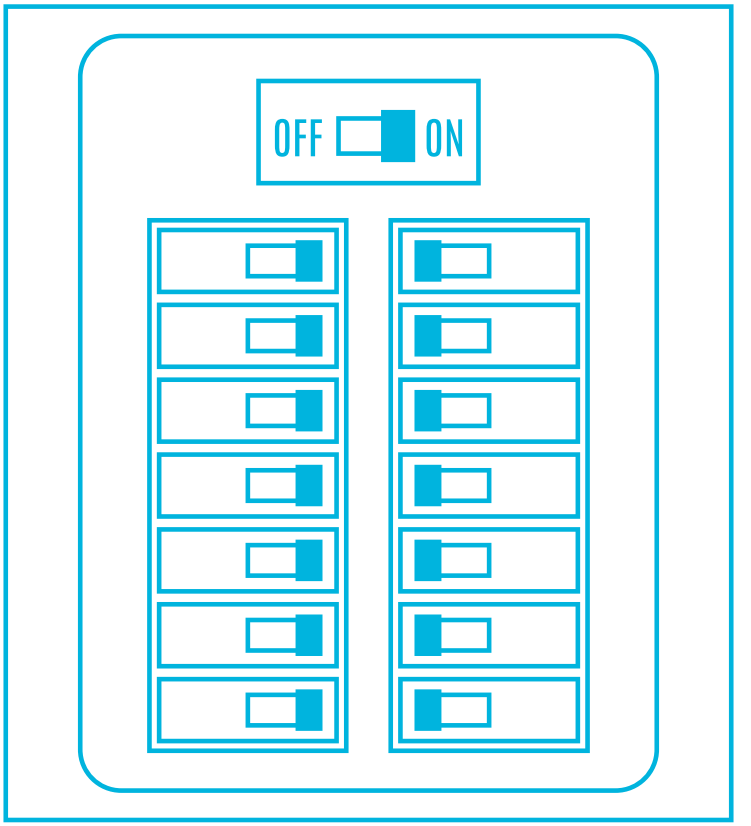
MOUNT IN-WALL OUTLET

Use the mounting screws provided to mount your ConnectSense In-Wall Outlet.



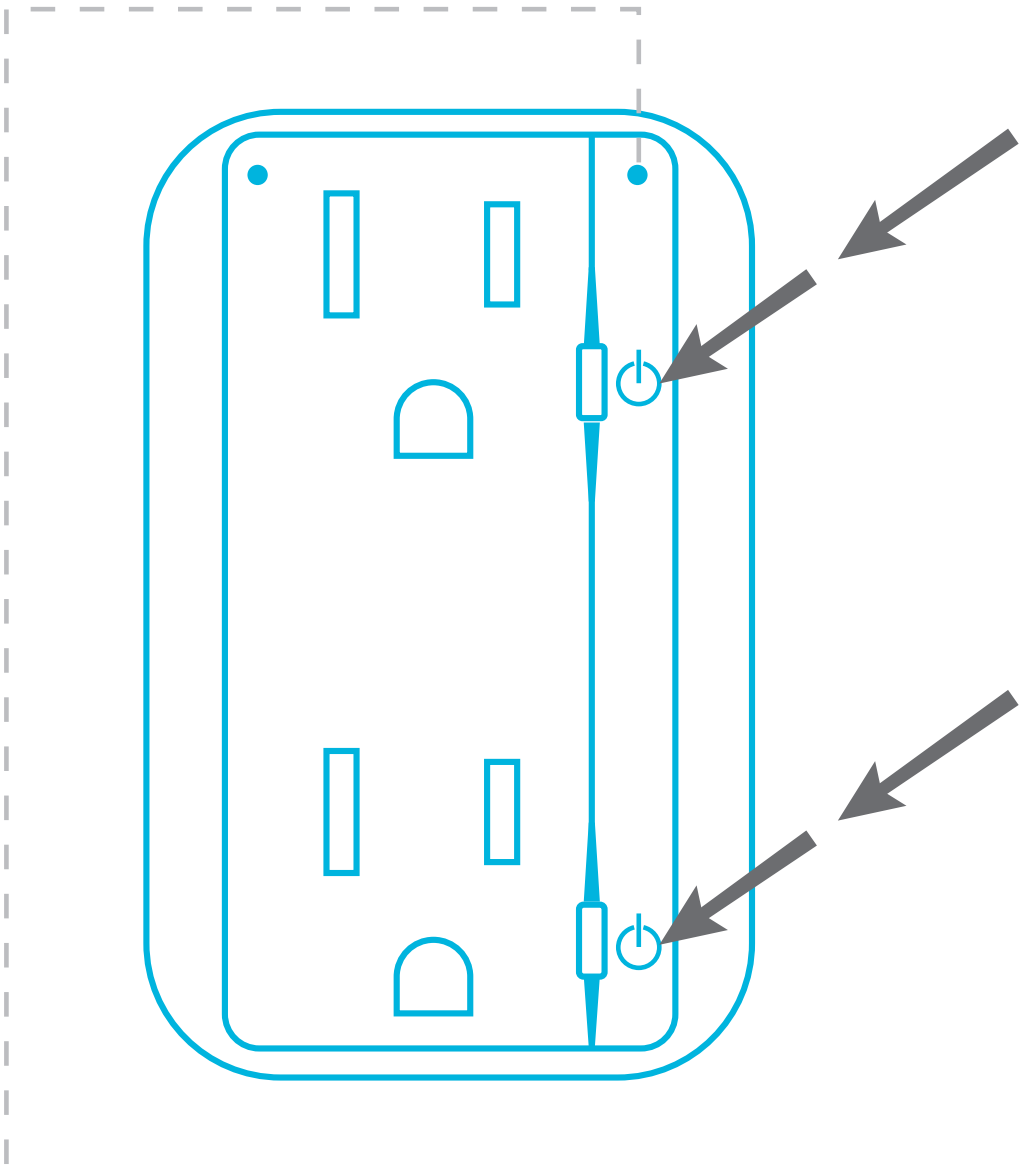
POWER ON SYSTEM

Return to circuit breaker and turn on power.



TEST YOUR IN-WALL OUTLET

Test the outlet by double tapping the icons.



LED indicates a tap has been received.

INSTALLATION COMPLETE!

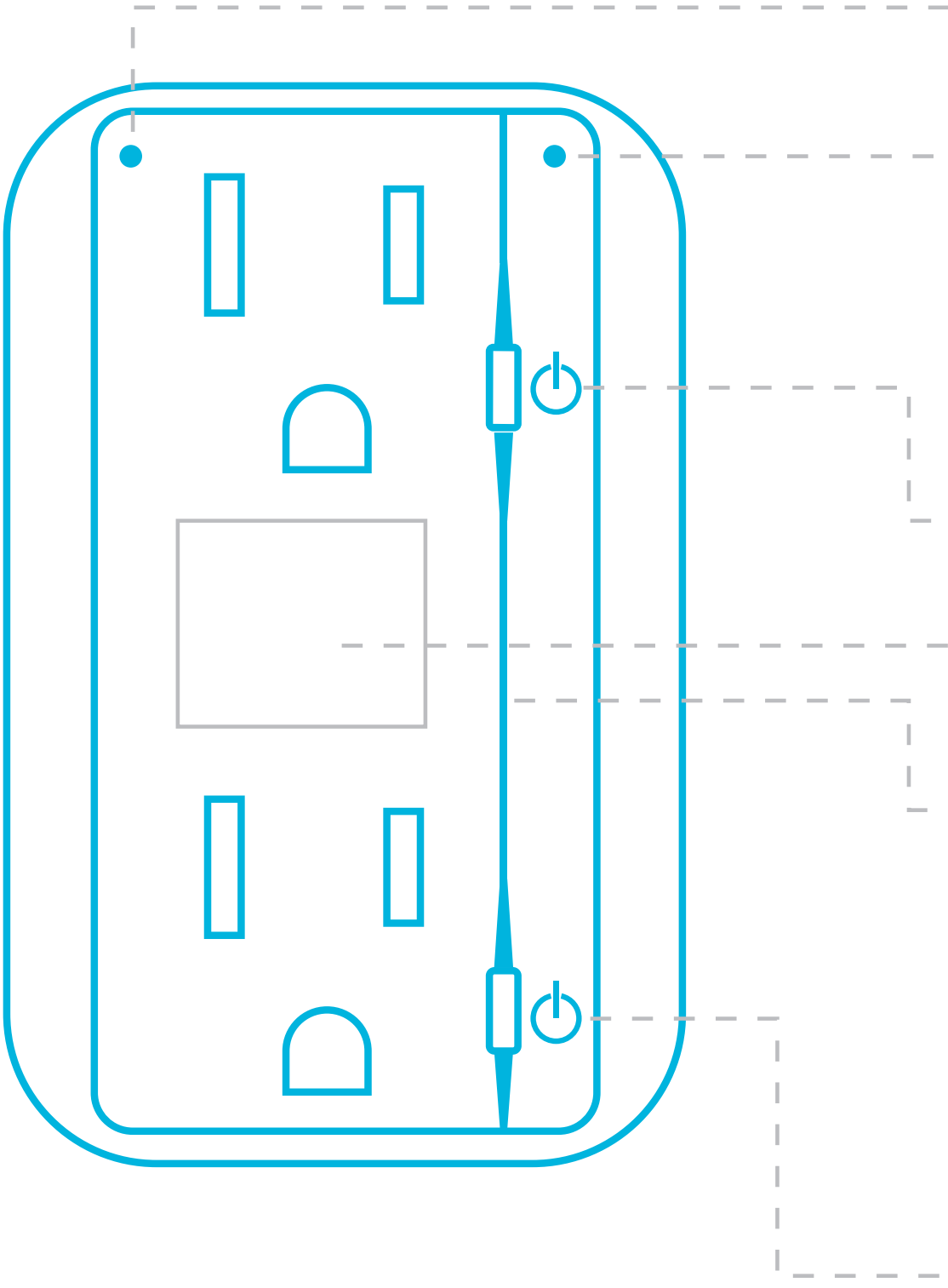
Download the ConnectSense app to register your device, connect to Wi-Fi, and begin enjoying the smart features of the device.

To connect to HomeKit, use the Home app or ConnectSense app on your iOS device. A backup code is available on the last page of this manual.

Download on the App Store

GET IT ON Google Play

YOUR IN-WALL OUTLET



Setup Indicator

Blinking Red - Connection failed, try reset

Blinking Yellow – Waiting to connect to a Wi-Fi network

Blinking Green – Connected

Off – Setup is Complete

Capacitive Touch Indicator

Blink – Touch detected

Plug A – Double tap On/Off

NFC Pairing – Touch mobile device in this area during setup

Reset

Reboot - Three taps + hold for 5 seconds
(Setup indicator turns solid blue)

WiFi Reset - Three taps + hold for 10 seconds
(Setup indicator turns solid yellow)

Factory Reset - Three taps + hold for 15 seconds
(Setup indicator turns solid red)

Plug B – Double Tap On/Off

LED COLOR CODES

SETUP INDICATOR

LED State	Description
Yellow - Slow blink	Device ready to add to Wi-Fi Network
Yellow - On	Reboot device to add to Wi-Fi Network
Yellow - Fast blink	Device connecting to Wi-Fi Network
Green - Slow Blink	Connected to your Wi-Fi Network & Finishing Setup
Green - On, then off	Setup Complete
Red - Fast blink	Can’t connect to Wi-Fi Network, Reset
Red - Slow blink	Setup process failed, Reset
Blue - Slow flash	Identify device

CAPACITIVE TOUCH INDICATOR

LED State	Description
Blue - Blink	Touch
On	Double tap power button, when off Blink per button press
Off	Double tap power button, when on Blink per button press
Reboot	Three taps + hold for 5 seconds Setup indicator turns solid blue
Wifi Reset	Three taps + hold for 10 seconds Setup indicator turns solid yellow
Factory Reset	Three taps + hold for 15 seconds Setup indicator turns solid red

TROUBLESHOOTING

To reset your In-Wall Outlet, tap the Reset button 3 times and hold for 15 seconds or insert a plug and unplug it 5 times into Plug B.

For commonly asked questions about the In-Wall Outlet, visit ConnectSense.com/IWOFAQ

For instructions to connect to Amazon Alexa, visit ConnectSense.com/IWOAlexa

For instructions to connect to Google Assistant, visit ConnectSense.com/IWOGA

We are here to help!

ConnectSense.com

support@connectsense.com

LEGAL

FCC/IC Information:
This device complies with Part 15 of the FCC Rules and with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. This radio transmitter 2AFC3-CSIWO and 22503-CSIWO has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device. This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.
FCC / IC RF Radiation Exposure Caution Statement: To maintain compliance with FCC / IC's RF exposure guidelines, place the product at least 20cm from near persons.

Informations de l'FCC/IC:
Cet appareil est conforme à la Partie 15 des règles de l'FCC et aux normes RSS d'exemption de licence d'Industrie Canada. Son utilisation est soumise aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences nuisibles, et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement non désiré. Cette émetteur radio 2AFC3-CSIWO and 22503-CSIWO a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci-dessous, avec le gain maximal autorisé indiqué. Les types d'antennes qui ne figurent pas dans cette liste, et qui ont un gain supérieur au gain maximal indiqué pour n'importe quel type énuméré dans la liste, sont strictement interdits pour être utilisés avec cet appareil. Cet appareil contient un ou des émetteurs/récepteurs exemptés de licence qui sont conformes aux normes RSS d'exemption de licence d'Innovation, Sciences et Développement économique Canada. Son utilisation est soumise aux deux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences. (2) Cet appareil doit accepter toute interférence, y compris les interférences pouvant provoquer un fonctionnement non désiré de l'appareil.
Déclaration de mise en garde concernant l'exposition aux rayonnements RF d'IC : Pour respecter les directives d'IC en matière d'exposition aux rayonnements RF, placer le produit à au moins 20 cm des personnes proches.

Apple:
Apple and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc.
Use of works with Apple HomeKit logo means that an electronic accessory has been designed to connect specifically to iPod touch, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

Google:
Google and Google Play are trademarks of Google LLC.

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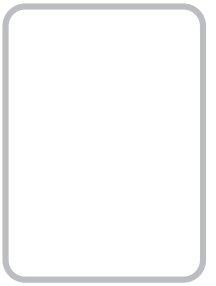
IN-WALL OUTLET

HomeKit Code



WORKS WITH alexa

Works with Apple HomeKit

works with Google Assistant

Wi Fi CERTIFIED

c UL us

FC