Honeywell
THE POWER OF CONNECTED

SMART OUTLET
IN-WALL TAMPER RESISTANT

PRISE INTELLIGENT
INVIOLABLE À MONTAGE MURAL

TOMACORRIENTE INTELIGENTE
DE LA PARED Y A PRUEBA DE ALTERACIONES

Z-Wave® Certified Wireless Lighting Control
Certifié Z-Wave® Commande d'éclairage sans fil
Control inalámbrico para iluminación certificado por Z-Wave®

39349
ZW1002

Scan to view installation guide
Balayez ce code pour consulter le guide d'installation
Escanear para ver la guía de instalación
www.byjasco.com

WARNING

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS
CONTROLLING APPLIANCES:
EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE DEVICE MAY BE IN A DIFFERENT ROOM THAN THE CONTROLLED APPLIANCE, ALSO AN UNINTENTIONAL ACTIVATION MAY OCCUR IF THE WRONG BUTTON ON THE REMOTE IS PRESSED. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD POSSIBLY RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND THE FOLLOWING:
• DO NOT USE Z-WAVE DEVICES TO CONTROL ELECTRIC HEATERS OR ANY OTHER APPLIANCES WHICH MAY PRESENT A HAZARDOUS CONDITION DUE TO UNATTENDED OR UNINTENTIONAL OR AUTOMATIC POWER ON CONTROL.

AVERTISSEMENT

RISQUE D'INCENDIE
RISQUE DE CHOC ÉLECTRIQUE
RISQUE DE BRÛLURES
COMMANDE DES APPAREILS :
SOYEZ TRÈS PRUDENT LORSQUE VOUS UTILISEZ LES DISPOSITIFS Z-WAVE POUR COMMANDER LES APPAREILS. LE DISPOSITIF Z-WAVE PEUT ÊTRE UTILISÉ DANS UNE SALLE DIFFÉRENTE DE CELLE DANS LAQUELLE SE TROUVE L'APPAREIL COMMANDÉ ET UNE ACTIVATION INVOLONTAIRE PEUT AUSSI SE PRODUIRE SI LE MAUVAIS BOUTON EST ACTIVÉ SUR LA TÉLÉCOMMANDE. LES DISPOSITIFS Z-WAVE POURRAIENT ÊTRE ACTIVÉS AUTOMATIQUEMENT À CAUSE D'UN ÉVÉNEMENT PROGRAMMÉ. SELON L'APPAREIL, CES UTILISATIONS INVOLONTAIRES ET SANS SUPERVISION PEUVENT ENGENDRER UN RISQUE. POUR CES RAISONS, NOUS RECOMMANDONS CE QUI SUIT :
• N'UTILISEZ PAS LES DISPOSITIFS Z-WAVE POUR COMMANDER LES RADIATEURS ÉLECTRIQUES OU D'AUTRES APPAREILS QUI POURRAIENT PRÉSENTER UN DANGER EN CAS DE COMMANDE D'ACTIVATION IMPRÉVUE, INVOLONTAIRE OU AUTOMATIQUE.

ADVERTENCIA

RIESGO DE INCENDIO
RIESGO DE DESCARGA ELÉCTRICA
RIESGO DE QUEMADURAS
CONTROL DE APARATOS:
TENGA MUCHO CUIDADO AL USAR DISPOSITIVOS Z-WAVE PARA CONTROLAR APARATOS. EL FUNCIONAMIENTO DE UN DISPOSITIVO Z-WAVE PUEDE TENER LUGAR EN UNA SALA DONDE NO ESTÉ EL APARATO QUE SE CONTROLA, ASIMISMO, PODRÍA PRODUCIRSE LA ACTIVACIÓN ACCIDENTAL SI SE OPRIME EL BOTÓN EQUIVOCADO. LOS DISPOSITIVOS Z-WAVE SE PUEDEN ACTIVAR AUTOMÁTICAMENTE DEBIDO A QUE ALMACENAN EVENTOS PROGRAMADOS. DEPENDIENDO DEL APARATO, ESTE FUNCIONAMIENTO SIN VIGILANCIA O NO INTENCIONADO PODRÍA PROVOCAR UNA SITUACIÓN PELIGROSA. POR ESTAS RAZONES, RECOMENDAMOS LO SIGUIENTE:
• NO UTILICE DISPOSITIVOS Z-WAVE PARA CONTROLAR CALENTADORES ELÉCTRICOS NI NINGÚN OTRO APARATO ELÉCTRICO QUE PUEDA PRESENTAR UNA SITUACIÓN PELIGROSA DEBIDO A UNA ACTIVACIÓN AUTOMÁTICA SIN VIGILANCIA O NO INTENCIONADA DEL CONTROLADOR.

NOT FOR USE WITH MEDICAL OR LIFE SUPPORT EQUIPMENT
Z-WAVE ENABLED DEVICES SHOULD NEVER BE USED TO SUPPLY POWER TO, OR CONTROL THE ON/OFF STATUS OF MEDICAL AND/ OR LIFE SUPPORT EQUIPMENT.

NE PAS UTILISER AVEC UN ÉQUIPEMENT MÉDICAL OU DE SURVIE
LES DISPOSITIFS COMPATIBLES AVEC LA TECHNOLOGIE Z-WAVE NE DEVRAIENT JAMAIS ÊTRE UTILISÉS POUR ALIMENTER OU COMMANDER LA MISE EN MARCHE OU L'ARRÊT DE L'ÉQUIPEMENT MÉDICAL OU DE SURVIE.

SE PROHÍBE SU EMPLEO EN EQUIPO MÉDICO O EQUIPO PARA EL MANTENIMIENTO DE LAS FUNCIONES VITALES
LOS DISPOSITIVOS Z-WAVE NUNCA SE DEBEN USAR PARA SUMINISTRAR ENERGÍA ELÉCTRICA AL EQUIPO MÉDICO O AL EQUIPO PARA EL MANTENIMIENTO DE FUNCIONES VITALES, NI PARA CONTROLAR EL ESTADO DE ENCENDIDO O APAGADO DE DICHOS EQUIPOS.

SPECIFICATIONS

ZW1002
Power: 120 VAC, 60 Hz.
Signal (Frequency): 908.4 / 916 MHz
Total maximum load for both outlets: 1800W (15A) Resistive
Maximum load for Z-Wave controlled outlet: 960W, incandescent, ½ HP Motor or 1800W (15A) Resistive
Range: Up to 150 feet line of sight between the Wireless Controller and the closest Z-Wave receiver module.
Operating Temperature Range: 32-104° F (0-40° C)
For indoor use only.
Specifications subject to change without notice due to continuing product improvement

SPÉCIFICATIONS

ZW1002
Tension : 120 V c.a., 60 Hz.
Signal (fréquence) : 908.4 / 916 MHz
Charge totale maximale pour les deux prises : Charge résistive de 1800W (15A)
Charges maximale pour prise commandée : 960 watts (incandescent), moteur de ½ HP ou résistance de 1800W (15A).
Portée : Distance à vue entre la télécommande et le module de réception Z-Wave le plus proche allant jusqu'à 150 pi (45,72m).
Plage de températures de fonctionnement : de 32 à 104 °F (de 0 à 40 °C).
Utilisation intérieure uniquement.
En raison d'améliorations continues du produit, les spécifications peuvent faire l'objet de changements sans préavis.

ESPECIFICACIONES

ZW1002
Energía: 120 VCA, 60 Hz.
Señal (Frecuencia): 908.4 / 916 MHz
Carga máxima total para ambos tomacorrientes: 1800 W (15A), de carga resistiva
Carga máxima para el tomacorriente controlado por Z-Wave: 960 W, incandescente, ½ HP motor o 1800 W (15 A) resistiva
Alcance: Hasta 150 pies (45,72m) en línea de visibilidad directa entre el control inalámbrico y el módulo receptor Z-Wave más cercano.
Rango de temperaturas de funcionamiento: 32-104 °F (0-40 °C).
Para uso en espacios interiores solamente.
Las especificaciones sujetas a cambio sin aviso debido a continuas mejoras del producto

Z-WAVE INTEROPERABILITY

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

INTEROPÉRABILITÉ ENTRE LES DISPOSITIFS Z-WAVE

Ce produit peut être utilisé dans un réseau Z-Wave avec d'autres appareils certifiés Z-Wave produits par d'autres fabricants et d'autres applications. Tous les nœuds fonctionnant sans pile au sein du réseau joueront le rôle de répétiteurs, quel que soit le fournisseur, afin de rehausser la fiabilité du réseau.

INTEROPERABILIDAD Z-WAVE

Este dispositivo se puede incluir y operar en cualquier red Z-Wave con dispositivos de otros fabricantes y otras aplicaciones que cuenten con la certificación Z-Wave. Todos los nodos que formen parte de la red y que funcionen sin pilas actuarán de repetidores independientemente del proveedor con el fin de aumentar la fiabilidad de la red.

---

1 TOOLS

IMPORTANT!
The device plugged into the Z-Wave controlled Smart Outlet must not exceed 960 watts (Incandescent); 1800W (15A) Resistive or ½ HP Motor. The total maximum rating for both outlets combined is 1800W (15A) Resistive load.

2 FEATURES

• One Z-Wave remote controlled outlet
• One always-ON outlet
• Remote ON/OFF control via the Z-Wave controller/network
• Manual ON/OFF control with the manual/program button
• Blue LED indicates outlet location in a dark room
• This Z-Wave device has advanced features that allow you to customize your experience. These features can only be adjusted by a Z-Wave enabled controller that support the Z-Wave Configuration command class. For a complete list of adjustable configurations, visit: www.byjasco.com

A. Line (Hot)
B. Neutral
C. Ground
D. Always-on outlet
E. Manual/Program button
F. Z-Wave controlled outlet

AVAILABLE CONFIGURATION PARAMETERS

LED light
Parameter No: 3
Length = 1 byte
Possible values = 0, 1 (default) or 2
Value descriptions
   "0" - LED ON when Load is OFF, LED OFF when ON
   "1" - LED ON when Load is ON, LED OFF when load is OFF
   "2" - LED always OFF

MANUAL LED INVERT METHOD
• Device needs to be paired with a Z-Wave certified controller.
• Quickly press the ON/OFF button 10 times;
  the LED will invert if done correctly.

3 INSTALLATION

WARNING — SHOCK HAZARD

Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the outlet. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician.

WIRING

1. Shut off power to the circuit at circuit breaker or fuse box.
IMPORTANT! Verify power is OFF to switch box before continuing.
2. Remove wallplate.
3. Remove the switch mounting screws.
4. Carefully remove the outlet from the outlet box.
5. Disconnect the wires from the existing outlet. Be careful to label wires according to the previous terminal connection.
6. There are three screw terminals on the Z-Wave Smart Outlet; these are marked
   A. LINE (Hot) — Black (connected to power)
   B. NEUTRAL — White
   C. GROUND — Green/Bare
   Match these screw terminals to the wires connected to the existing outlet.

OBSERVE IMPORTANT WIRING INFORMATION

WIRE STRIP LENGTH
Always follow the recommended wire strip length (5/8") (16mm) and wiring combination when making wiring connections. You may wish to consult an electrician with questions or for proffesional installation.
UL specifies that the tightening torque for the screws is 14 Kgf-cm (12 lbf-in).
IMPORTANT! This receptacle is rated for and intended to only be used with copper wire.

WIRE GAUGE REQUIREMENTS
Use 14 AWG or larger wires suitable for at least 80° C for supplying Line (HOT), Neutral, and Ground connections.
7. Insert Z-Wave controlled outlet into the box being careful not to pinch or crush wires.
8. Secure the controlled outlet to the box using the supplied screws.
9. Mount the wallplate.
10. Reapply power to the circuit at fuse box or circuit breaker and test the system.

BASIC OPERATION
The connected device can be turned ON/OFF in two ways:
• Manually from the front program button.
• Remotely with a Z-Wave Controller.

FROM BREAKER BOX

4 CONNECTION

CONNECTING YOUR DEVICE TO A Z-WAVE NETWORK

1. Follow the instructions for your Z-Wave certified controller to add a device to the Z-Wave network.
2. Once the controller is ready to add your device, press and release the program button to add it in the network.

Now you have complete control to turn your fixture ON/OFF according to groups, scenes, schedules and interactive automations programmed by your controller.
If your Z-Wave certified controller features remote access, you can now control your fixture from your mobile devices.

REMOVING AND RESETTING THE DEVICE

1. Follow the instructions for your Z-Wave certified controller to remove a device from the Z-Wave network.
2. Once the controller is ready to remove your device, press and release the manual/program button to remove it from the network.

RETURNING SWITCH TO FACTORY DEFAULTS
Quickly press the button three (3) times, then press and hold the button for at least three (3) seconds. The LED will blink five (5) times to confirm.
Note: This should only be used in the event your network's primary controller is missing or otherwise inoperable.

This device supports Association Command Class (3 Groups)
• Association Group 1 supports Lifeline, Binary Switch Report
• Association Group 2 supports Basic Set and is controlled by pressing the On or Off button with the local load
• Association Group 3 supports Basic Set and is controlled by double pressing the On or Off button
• Each Association Group supports 5 total nodes

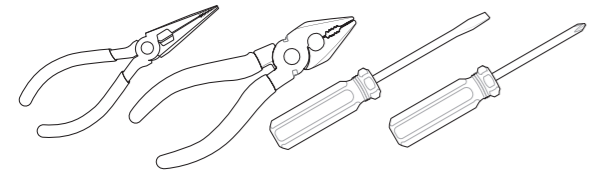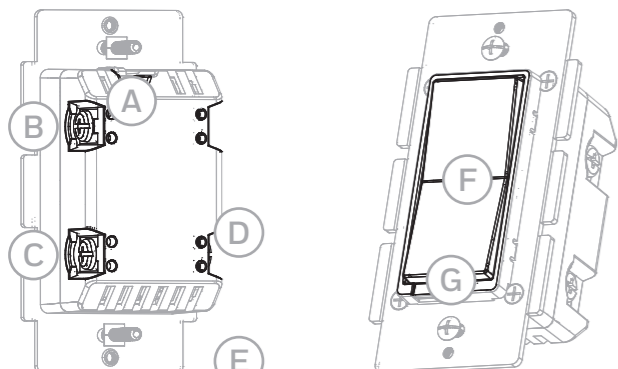## 04 CONNECTION

IMPORTANT!
The fixture controlled by the Z-Wave In-Wall Smart Switch must not exceed 960 watts (Incandescent); 1800W (15A) Resistive or ½ HP Motor. The switch is designed only for use with permanently installed fixtures.
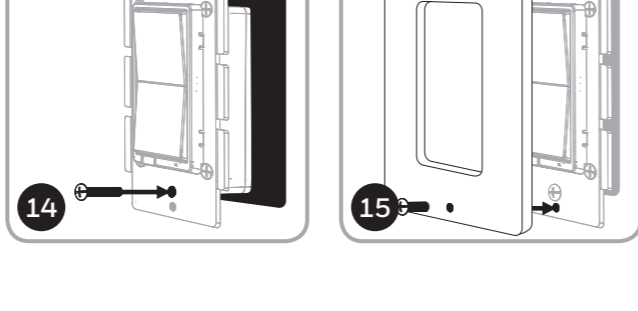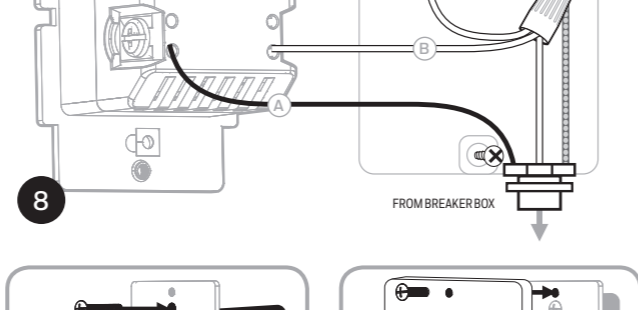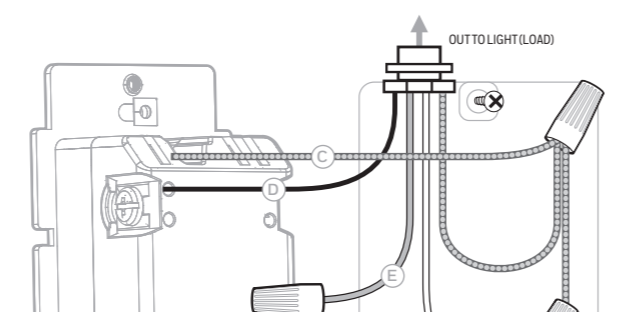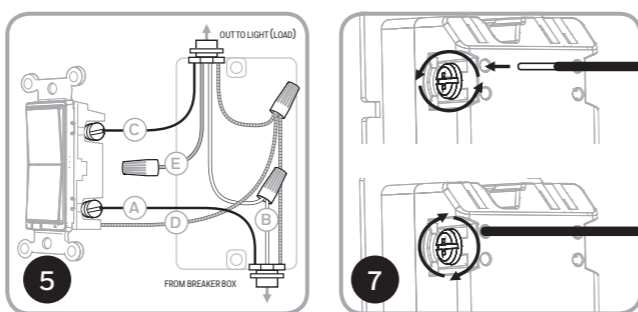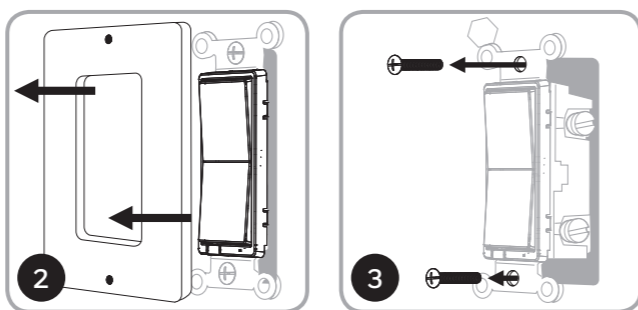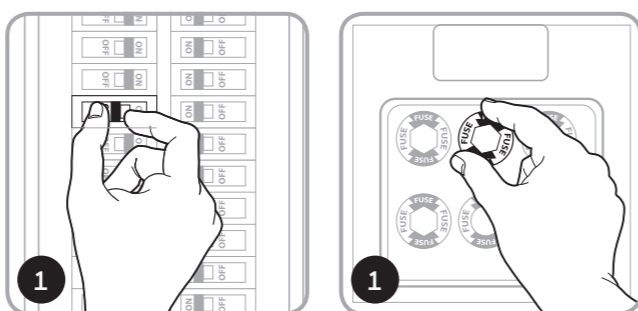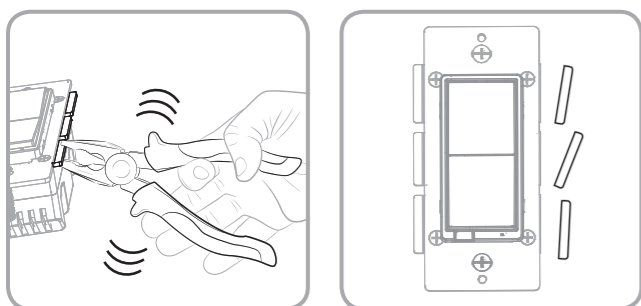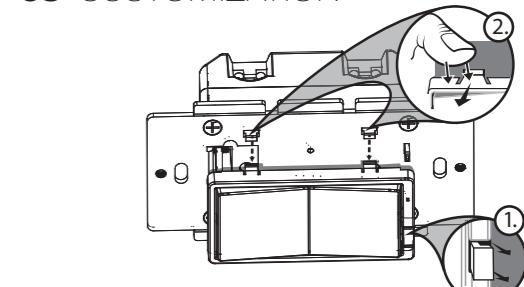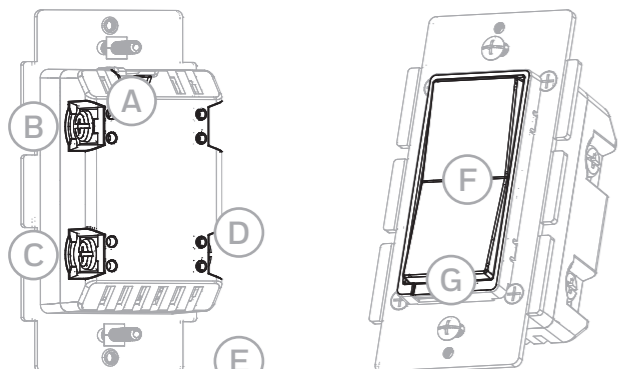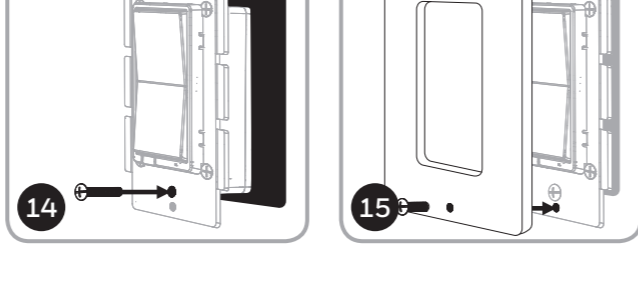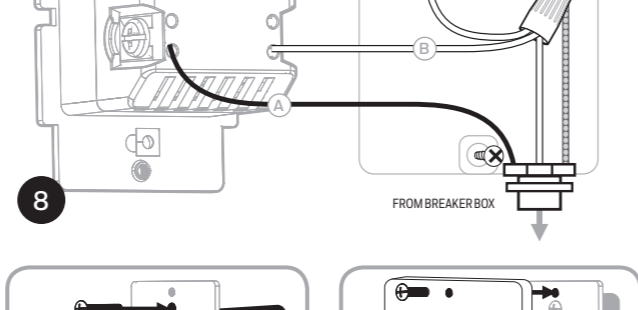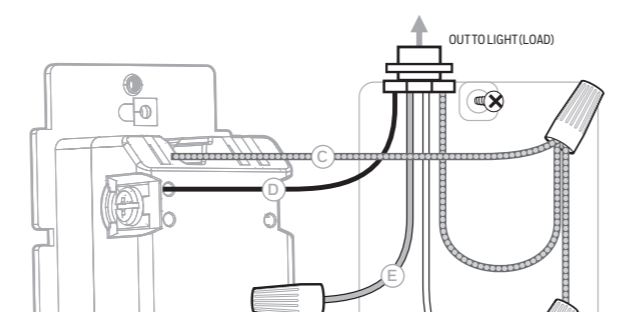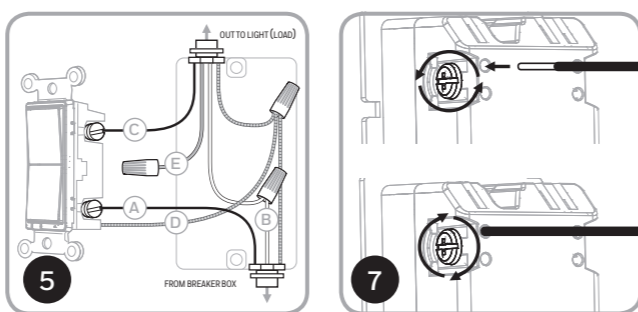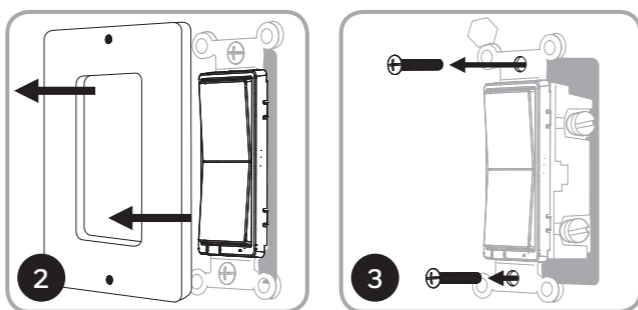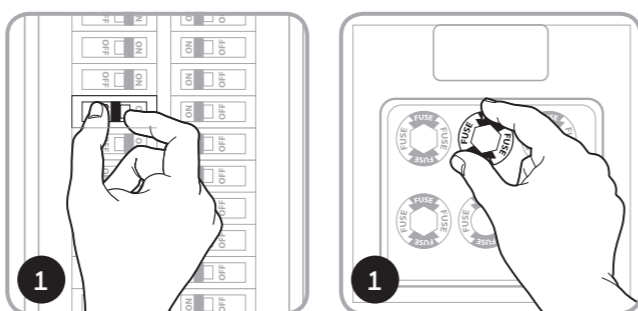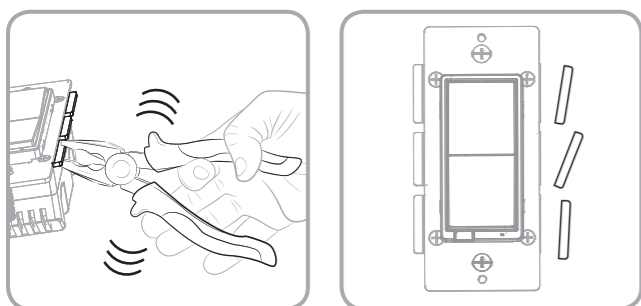
02 FONCTIONNALITÉS

- Turn ON/OFF manually or remotely via the Z-Wave controller
- Can be added in multiple groups and scenes
- May be used in single pole installation or with up to two Honeywell Add-on switches in 3-way or 4-way wiring configurations
- Compatible with all incandescent and CFL/LED bulbs
- Interchangeable paddle switch — white & light almond paddle in package
- Uses a standard, decorative-size wallplate for single gang installations (wallplate not included)
- Blue LED indicates switch location in a dark room
- Z-Wave Certified for simple pairing and integrated home automation
- Screw Terminal Installation — requires wiring connections for Line (Hot), Load, Neutral and Ground. Traveler wire required for 3-way or 4-way installation
- This Z-Wave device has advanced features that allow you to customize your experience. These features can only be adjusted by a Z-Wave enabled controller that support the Z-Wave Configuration command class. For a complete list of adjustable configurations, visit: www.byjasco.com

A. Ground (Green/Bare)
B. Load (Black)
C. Line (Black)
D. Traveler (Red/Other)
E. Neutral (White)
F. Top Rocker — Press & release to turn switch ON
G. Bottom Rocker — Press & release to turn switch OFF

SINGLE, DUAL AND TRIPLE GANG BOXES
When installing the In-Wall smart switch in multiple gang boxes it may be necessary to break off one or both sides of the scored tabs on the front yoke. This does not affect the electrical rating of the smart switch (see specifications for details).

03 INSTALLATION

WARNING — SHOCK HAZARD
Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the switch. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician.

MULTI-SWITCH WIRING
For 3-way installations, please refer to **Add-on switch** manual

SINGLE-SWITCH WIRING
Before you start; you may wish to change the paddle color to match your wallplate or decor. Please proceed to **Section 5**.
01. Shut off power to the circuit at circuit breaker or fuse box.
IMPORTANT! *Verify power is OFF to switch box before continuing.*
02. Remove wallplate.
03. Remove the switch mounting screws.
04. Carefully remove the switch from the switch box. DO NOT disconnect the wires.
05. There are up to five screw terminals on the switch; these are marked
    A. GROUND — Green/Bare
    B. LOAD — Black (connected to lighting)
    C. LINE (Hot) — Black (connected to power)
    D. TRAVELER — Red/Other (only in 3-way installations)
    E. NEUTRAL — White
    Match these screw terminals to the wires connected to the existing switch.
06. Disconnect the wires from the existing switch. Be careful to label wires according to the previous terminal connection.

OBSERVE IMPORTANT WIRING INFORMATION
IMPORTANT! *This switch is rated for and intended to only be used with copper wire.*

WIRE GAUGE REQUIREMENTS
Use 14 AWG or larger wires suitable for at least 80º C for supplying Line (HOT), Load, Neutral, Ground and Traveler connections.

WIRE STRIP LENGTH
07. For attachment to screw terminals: strip insulation 1" (25mm)
For attachment using the enclosure's holes: strip insulation 5/8" (16mm)
UL specifies that the tightening torque for the screws is 14 Kgf-cm (12 lbf-in).
08. Connect the green or bare copper ground wire to the GROUND terminal.
09. Connect the black wire that goes to the light to the terminal marked LOAD.
10. Connect the black wire that comes from the electrical service panel (Hot) to the terminal marked LINE.
11. Connect the white wire to the neutral terminal (use a jumper wire if needed).
Note: The Traveler terminal is only used for 3-way or 4-way wiring and should remain insulated if the switch is being installed in a 2-way system (one switch & one load).
12. Insert switch into the switch box being careful not to pinch or crush wires.
13. Secure the switch to the box using the supplied screws.
14. Mount the wallplate.
15. Reapply power to the circuit at fuse box or circuit breaker and test the system.

BASIC OPERATION
The connected light can be turned ON/OFF in two ways:
- Manually from the front panel of the In-Wall Switch.
- Remotely with a Z-Wave Controller.

MANUAL CONTROL
The front panel rocker switch allows the user to turn ON/OFF the connected fixture.
- **To turn the connected fixture ON:** press and release the top of the rocker.
- **To turn the connected fixture OFF:** press and release the bottom of the rocker.

DISABLE / ENABLE LED
01. Press UP three (3) times then quickly press and release DOWN one (1) time.
02. Repeat to disable/enable LED.

CONNECTING YOUR DEVICE TO A Z-WAVE NETWORK
01. Follow the instructions for your Z-Wave certified controller to add a device to the Z-Wave network.
02. Once the controller is ready to add your device, press and release the top or bottom of the wireless smart switch (rocker) to add it in the network.
Now you have complete control to turn your fixture ON/OFF according to groups, scenes, schedules and interactive automations programmed by your controller.
If your Z-Wave certified controller features remote access, you can now control your fixture from your mobile devices.
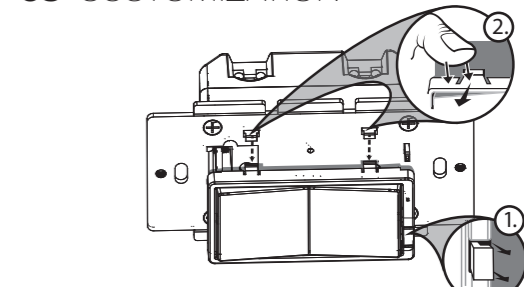
REMOVING AND RESETTING THE DEVICE
01. Follow the instructions for your Z-Wave certified controller to remove a device from the Z-Wave network.
02. Once the controller is ready to remove your device, press and release the top or bottom of the wireless smart switch (rocker) to remove it from the network.

RETURNING SWITCH TO FACTORY DEFAULTS
Quickly press ON (Top) button three (3) times then immediately press the OFF (Bottom) button three (3) times. The LED will flash ON/OFF 5 times when completed successfully.
Note: *This should only be used in the event your network's primary controller is missing or otherwise inoperable.*

05 CUSTOMIZATION

CHANGING THE COLOR OF THE PADDLE
This step is optional. Before you start you may want to change the color of the paddle to match your wallplate or decor.
01. Lift the air gap tab at the base of the paddle.
02. Push side tabs in on one side and then the other to release paddle. Lift the cover up and off.
03. Simply put the new paddle onto the switch by inserting the air gap and side tabs and snapping securely into place.
Once this step has been completed please return to Section 3.

The Honeywell Add-on switch is required for Multi-Switch 3-way or 4-way installations. Connecting the traveler terminal of this switch to a standard, non-Honeywell switch will cause damage or result in improper function. If this switch is part of a 3-way or 4-way multi-switch installation, do not connect the traveler wire or apply power until Honeywell Add-on switches are correctly installed. For more information on 3-Way or 4-Way installations, view the manual or quick-start guide that comes with the Honeywell Add-on switch.

This device supports Association Command Class (3 Groups)
- Association Group 1 supports Lifeline, Binary Switch Report
- Association Group 2 supports Basic Set and is controlled by pressing the On or Off button with the local load
- Association Group 3 supports Basic Set and is controlled by double pressing the On or Off button
- Each Association Group supports 5 total nodes