



SQR62101WHZ Z-Wave™ Plug-in

FCC ID: 2AUCU-62101Z

Retain for future use.

Features

- Duplex outlets, one outlet is always on, another outlet is Z-Wave controlled.
- Wireless Z-Wave technology creates a mesh network for command and control interoperability with other Z-Wave compliant controllers and devices.
- Manual and remote ON/OFF control of any lighting or other electrical load connected to Z-Wave controlled outlet.
- Measure the energy usage of the connected loading on the Z-Wave controlled outlet, display the actual consumption (in W) and the accumulated power used (in kWh) in the user interface of the gateway.

NOTE:

- Please refer to the gateway installation manual for energy usage display and energy measurement features.

Voltage		125 Vac, 60 Hz
Regular outlet	Current	15A
Controlled Outlet	Incandescent	1000 W
	LED	5A
	Standard Ballast	1200VA
	Resistive	15A
	Motor	1/2 Hp
Operating temperature		32–104°F (0–40°C)
Wireless type		Z-Wave (Support S2 and SmartStart)
Wireless frequency		908.40 MHz / 908.42 MHz / 916 MHz

Precautions

⚠ CAUTION

HAZARD OF UNINTENDED USE

This Z-Wave plug-in is intended to be used for non-critical automation activities. It is not intended to support life, safety, or medical equipment.

Failure to follow these instructions can result in personal injury or equipment damage.

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, NOM-029-STPS or CSA Z462 or local equivalent.
- Don't touch metal pins during plug in or out.
- Indoor use only.

Failure to follow these instructions will result in death or serious injury.

⚠ WARNING

HAZARD OF HEAT AND FIRE DAMAGE

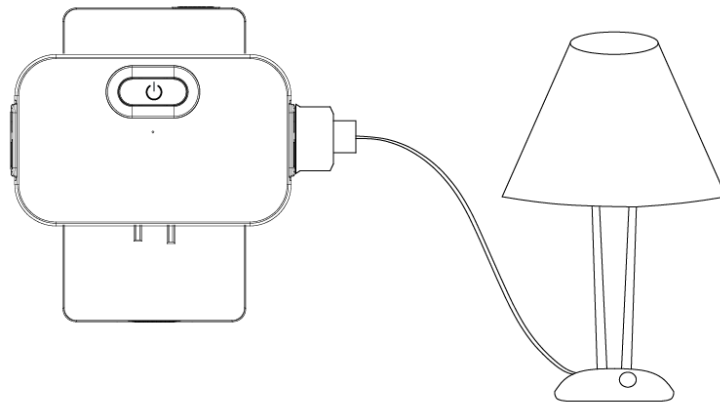
Read all instructions before installation. The manufacturer will not be held responsible for product damage resulting from not following the instructions.

- Wet hands are strictly prohibited.
- Work strictly according to the rated load.
- Do not continue working after self-disassembly of any nature and damage of external forces.

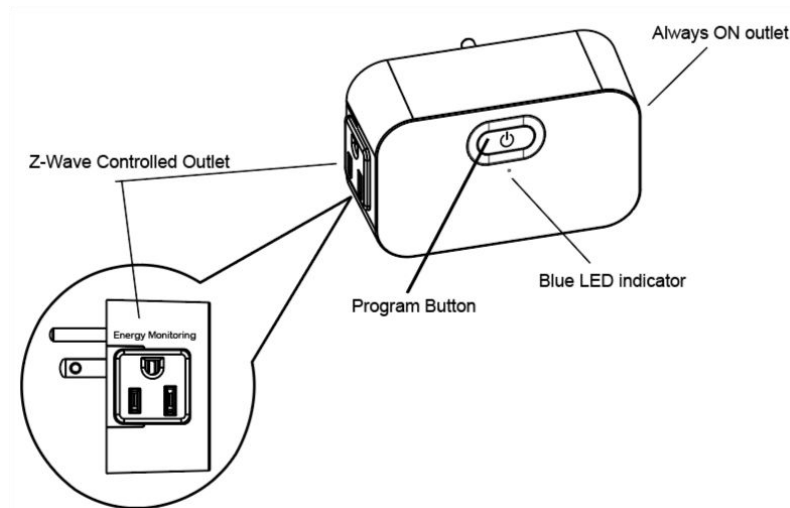
Failure to follow these instructions can result in death, injury or equipment damage.

⚠ WARNING: This product can expose you to chemicals including Carbon black, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Installation



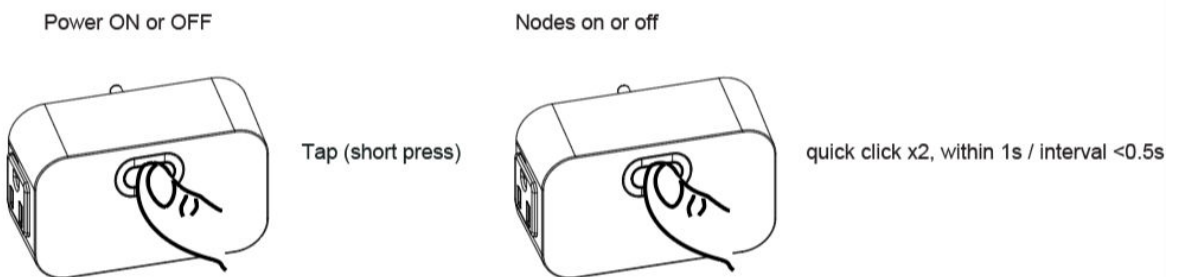
Operation



1. Local control:

Press the program button, the appliance or device plugged into Z-Wave controlled outlet will turn ON or OFF.

NOTE: After a power failure, the Z-Wave controlled outlet returns to the off state.



2. Group control the nodes of association group 2:

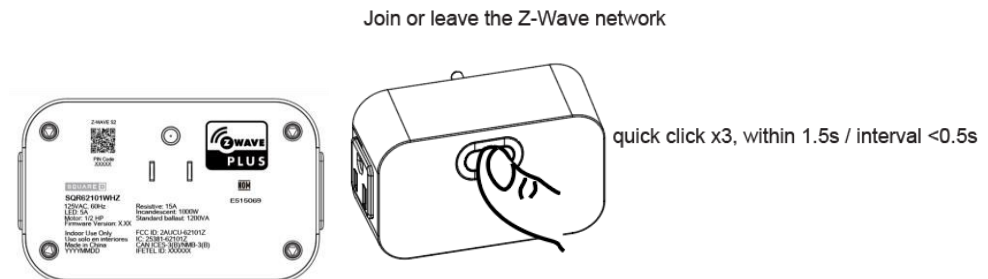
Press the program button twice within 1s (the interval between two presses is less than 0.5s), the deice can turn on/off the other Z-Wave devices in the same association group.

NOTE: Please refer to association setting for nodes group 2 setup. This requires a gateway with advanced features and assumes the device is included in a network.

3. Inclusion to a Z-Wave network:

NOTE: The device supports S2-authenticated & S2-unauthenticated inclusion method, It is highly recommended to only select S2-authenticated or the highest inclusion method for inclusion, and deselect other methods. This ensures the highest security level during Z-Wave service. During S2-authenticated inclusion, users may be asked to scan the QR code or enter a 5-digit pin code attached on the device.

- A. SmartStart inclusion: The feature assumes the gateway has implemented SmartStart. Users could use the APP of the gateway or the gateway camera to scan the QR code on device or on device package before powering on the device, and then when the device is powered on, it shall be automatically added to the gateway.
- B. Manual inclusion: When the gateway is in adding mode (please refer to the instruction of the Z-Wave gateway for the operations on gateway itself), press the program button 3 times within 1.5s (the interval between each press is less than 0.5s).



4. Exclusion from a Z-Wave network: When the gateway is in removing mode (please refer to the instruction of the Z-Wave gateway for the operations on gateway itself), press the program button 3 times within 1.5s (the interval between each press is less than 0.5s).
5. Remote control: After the device is included in a Z-Wave gateway, the gateway can provide control of an individual device, groups of devices and scenes, and offers flexibility in setting up the lighting control network. Please refer to the gateway instructions for details.

Wireless Range Conditions

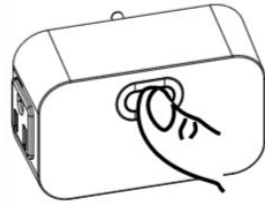
The wireless range is the effective distance of remote control and it will be impacted by the following conditions:

- Each wall or obstacle (e.g., refrigerator, TV, etc.) between the remote or Z-Wave device and the destination device will reduce the wireless range.
- Brick, tile, or concrete walls block more of the wireless signal than walls made of wooden studs and plasterboard (drywall).
- The angle of direction between the remote or Z-Wave device and the destination device will also impact the wireless range; normally, placing the Z-Wave device face-to-face will get the best wireless range.
- Wall-mounted Z-Wave device installed in metal junction boxes may suffer a significant loss of range since the metal box blocks a large part of the wireless signal.

6. Reset to factory defaults:

Press the program button 3 times then press and hold it for more than 10s.

Reset to factory defaults



3 x quick click + 1 x press > 10 seconds

NOTE:

- Use this procedure only when the Z-Wave gateway is missing or otherwise inoperable.
- Reset the device to factory default settings will set the device to not in Z-Wave network state, delete the association setting and restore the configuration setting to the default.
- When the program button is pressed and held, the LED indicator will blink quickly for 10 seconds and then the program button can be released after the LED change to solid on, the LED will blink quickly for 3 seconds when factory reset succeeds.

Advanced Setting

The advanced setting requires an advanced gateway. Basic gateway does not support this setting. Users can do the setting through the interface of the advanced gateway.

All configuration parameters can be restored to factory default settings by the gateway or by manual reset.

Configuration				
Parameter No.	Size	Description	Valid Value	Default Value
1	1 byte	Synchronization of load power and LED indicator	0 = Power ON, LED OFF Power OFF, LED ON 1 = Power ON, LED ON Power OFF, LED OFF	Default = 1

Association		
Grouping ID	Max. No. of Nodes	Description
1	5	Lifeline: Send device reset locally notification MultiLevelReport: Dimming percentage report MeterReport: Power metering report
2	5	AssGroupSet: send on/off set command

LED Indication	
Blue LED flashing	LED blinking slowly for 3 minutes: device not in network LED blinking fast: adding/leaving network LED stays on for 1 minute: adding/leaving network successfully LED blinking fast for 3s: factory reset success
Blue LED on	Switch is turned on (default setting, can be configured)

Blue LED off	Switch is turned off (default setting, can be configured)
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Trouble shooting

Issue	Possible Cause/Solution
SmartStart inclusion taking too long	Power cycle the switch to escalate the inclusion.
Inclusion is unsuccessful	Move the switch closer to the gateway and repeat the inclusion operation.

FCC Statement

Federal Communication Commission Interference Statement

The 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 uses, generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC 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.

RF Exposure: A distance of 20 cm shall be maintained between the antenna and users, and the transmitter module may not be co-located with any other transmitter or antenna.

Non-modification Statement:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. FCC

Supplier's Declaration of Conformity

Product Name: Z-Wave Plug-in

Model Number: SQR62101WHZ

Suppliers Name: Schneider Electric

Suppliers Address (USA) : 800 Federal Street Andover, MA 01810 USA

Suppliers Website: www.schneider-electric.us

FCC Compliance Statement

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

ISED Statement

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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

Model Number: SQR62101WHZ

Warranty Information

Schneider Electric warrants its products to be free of defects in materials and workmanship for a period of two (2) years. There are no obligations or liabilities on the part of Schneider Electric for consequential damages arising out of or in connection with the use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation.

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