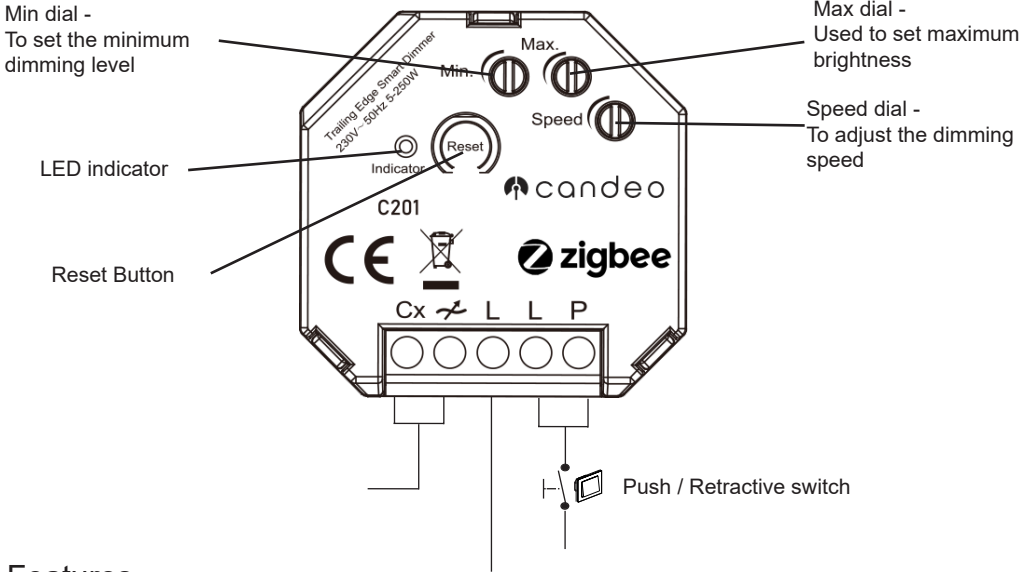




Instructions version: 2202.1



Features

- Zigbee 3.0
- Compatible with Philips Hue, Smartthings, Hubitat, Home Assistant plus others
- Compatible with Alexa and Google Assistant if your zigbee hub/bridge supports it
- Works with multi-way physical switches, when used with retractive switches
- Saves and restores the last status in event of a power failure
- Minimum and maximum brightness, and dimming speed, can all be set
- Does not require a neutral wire
- Suitable for 10-250W LED and Halogen lamps
- Module can be paired directly to a Touchlink remote without a hub or bridge.
- Supports Find and Bind mode for Zigbee remotes
- Supports resistive loads and capacitive

Specifications

| | |
|-----------------------|-------------------------------|
| Input Voltage | 220V-240V ~ 50Hz |
| Power Load | 5-250VA LED 5-250W Halogen |
| Minimum Load per lamp | 5W |
| Dimmer Control Mode | RC Phase Cut |
| Dimensions | 45mm x 45mm x 20mm |

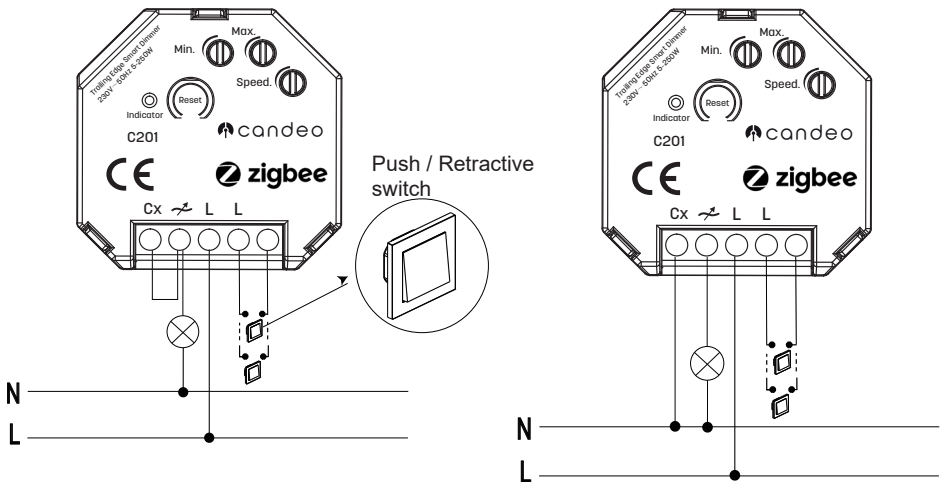
Please read all of the instructions prior to installation

Safety Warnings

- Turn Off Mains Power before installing the device
- Do not expose the device to moisture
- Do not open the case of the dimmer

Installation

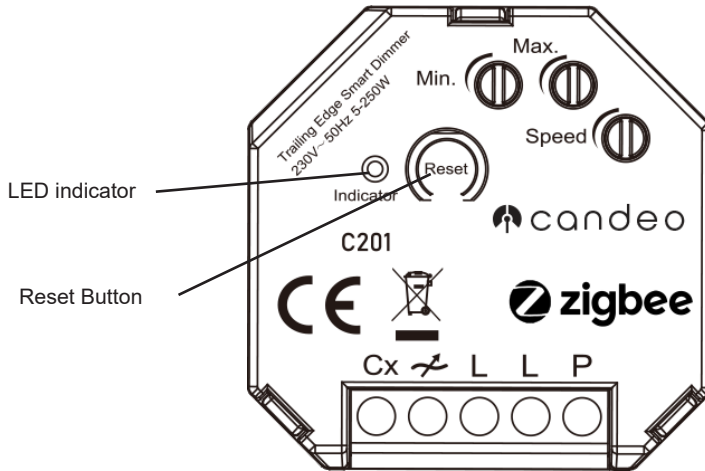
1. Turn off the power.
 - i. To avoid electrical shock and/or equipment damage, disconnect electrical power at the main fuse or circuit breaker before installation and maintenance.
 - ii. Be aware that even if the circuit breaker is off, some voltage may remain in the wires — before proceeding with the installation, be sure no voltage is present in the wiring.
 - iii. Take extra precautions to avoid accidentally turning the device on during installation.
2. Connect the device according to the diagrams shown below for either a 2-wire or 3-wire system.
 - i. Please note, if you are not using a N wire, connect the N (Cx) and Load (↔) terminal to improve the stability of the dimming.



3. Turn the power back on.

Caution: If in any doubt about how to install the module, please consult a qualified electrician.

Zigbee configuration



1. Factory Reset

- i. Press and hold the reset button for 5 seconds
- ii. The LED will go red for 10 seconds, after which the reset is complete

2. Add the module to your Zigbee hub or bridge

- i. Double press the reset button
- ii. The LED will start blinking blue indicating that the module is in pairing mode. Pairing mode will time-out after 15 minutes.
- iii. Please refer your smart controller app to add a device to the zigbee network.
- iv. The LED will stay solid blue for 10 seconds once pairing is complete

3. To remove the module from your Zigbee network

- i. Remove the device from your Zigbee network by following the instructions in your smart app
- ii. Press the reset button 3 times

Zigbee configuration - advanced

4. Set up Touchlink - if you have a Touchlink capable remote
 - i. Press the reset button 4 times
 - ii. The LED will start blinking green indicating that the module is ready for Touchlink mode. Pairing mode will time-out after 15 minutes.
 - iii. Bring the remote within 10cm of the module and set the remote into Touchlink commissioning mode. You will need to refer to the instructions that came with the remote to do this.
 - iv. The light will blink 10 times Touchlink pairing has been successful, and the LED will stay solid green for 10 seconds once pairing is complete

Please Note

- When both devices (Dimmer and remote) are not included in a Zigbee network, each module can connect with up to 1 remote control.
- When both devices are included in the same Zigbee network, each dimmer can connect with up to 30 remote controls.
- For Philips Hue Hubs and Amazon Echo Plus, first add the remote and the device to network, and then begin Touchlink pairing.

5. Find and Bind

- i. Press the reset button 5 times
- ii. The LED will start blinking yellow indicating that the module is ready for Find and Bind mode. Pairing mode will time-out after 15 minutes.
- iii. Set the remote into Find and Bind mode. You will need to refer to the instructions that came with the remote to do this.
- iv. There will be an indication on the remote that Find and Bind mode has been successfully established.

Fine Tuning

To optimise the performance of the smart module, or to adjust the settings to your preference, you can adjust the brightness at the Min. and Max. level, and adjust dimming speed.

- i. MIN adjustment - Switch on the lights. When the lights are on, insert a screwdriver into the MIN dial and turn it to the left, and lower the brightness level of the lights. When the light becomes unsteady, turn it slightly back to the right till the light remains steady.
- ii. MAX adjustment - Switch on the lights. When the lights are on, insert a screwdriver into the MAX dial and turn it to the right, and increase the brightness of the lights. When the light becomes unsteady, turn it slightly back to the left till the light remains steady.
- iii. Dimming Speed adjustment - Insert a screwdriver into the Speed dial, turn it clockwise to increase the dimming speed and anti-clockwise to decrease the dimming speed.

For further support please go to www.candeo.io