| Item Nr.: | Item Description: |
|---|---|
| D086-ZG | Zigbee Dual Dimmer |

# ⚠ ⚠ DANGER

**HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH**

- Turn off all power supplying this equipment
- Use a voltage tester of an appropriate rating.

Failure to follow these instructions could result in death or serious injury.
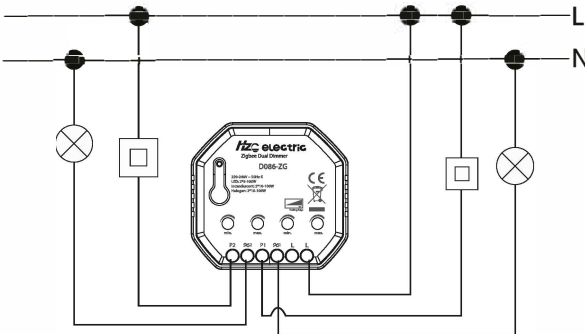
# ⚠ WARNING

**HAZARD OF FIRE**

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

## SPECS

| | | | |
|---|---|---|---|
| Rated input voltage: | 220-240Vac, 50Hz | Frequency Range: | 2405 - 2480 MHZ |
| Power range: | 2x5-100W @ 220-240V LED | Firmware Version: | 1.0 |
| | 2x10-100W @ 220-240V INC, HAL | Max. RF output power: | 10dBm(e.i.r.p.) |
| Type of load: | LED Retrofit I Incandescent-halogen | Operation temperature: | 0–45 °C |
| Dimming: | Rotary / APP Control / Voice Control | | |
| Ambient temperature (Ta): | -10℃～+40℃ | | |
| Dimension: | 53*49.60*19.65mm | | |
| Protection: | Over-temperature, Overload, Over-Current, Short-circuit | | |
| Item weight: | 42.9g | | |

## WIRING

1. Make sure the power is turned off during installation. Then connect the power cord according to the Connection Diagram.
2. Install the dimmer in the flush-mounted box.
3. **Switch on the electricity. Turn on the connected lamps through the dimmer.**



**PLEASE NOTE:**

1. This is a two-wire dimmer and service to be connected as shown in the diagram below.

2. The installation of the dimmer on a mains current of 230V should be performed by a qualited professional electrician, when working, make sure the power is switched off.

3. Do not connect more than one dimmer in parallel to operate the same light from two locations.

## COMPATIBLE HUB

| | | | | |
|---|---|---|---|---|
| • Homey | • SmartThings | • Philips Hue | • Google Home | • Amazon Alexa |
| • Wink | • Homee | • Futurehome | • Aduro Smart | • Trust Smart Home |

## SUPPORT ZIGBEE CLUSTER

1) Input Cluster
- 0x0000: Basic      - 0x0003: Identify      - 0x0004: Groups          - 0x0005: Scenes
- 0x0006               - 0x0008               - 0x0b05
2) Output Cluster
- 0x0019: OTA

## OPERATION

1. Reset
   Hold the reset button till the indicator stays in red.
Please Note: All configuration will be reset after the device is reset or removed from the network.

2. Include to the Zigbee Network
   a. Remove the device from a previous Zigbee networkIf it has already been added to one, otherwise pairing will fail.
   b. Press reset button twice. The indicator starts blinking blue and stay solid for 10s when Succeeds.

3. TouchLink( Load 1 will always be touchlink first, to remote control the Load 2, use Find and Bind)
   Step 1. Turn the Load 1 on and dimming, immediately start step 2 within 10s. (VERY IMPORTANT)
   Step 2. Press the reset button for 4 times. The indicator starts blinking green and stays solid for 10s when pairing is succeds. Time out 15mins.
   Step 3. Bring the remote within 10cm of the smart dimmer and set the remote into TouchLink commissioning.
Note:
a. When both devices (Dimmer and remote) are not included in the Zigbee Network, each dimmer can link with one remote max.
b. When both devices are included in the same Zigbee network, each dimmer can link with max 30 remotes.

4. Find and Bind
   Step 1. Turn the Load 2 on and dimming, immediately start step 2 within 10s. (VERY IMPORTANT)
   Step 2. Press the reset button for 5 times.
   Step 3. The indicator starts blinking yellow and will stay solid for 10s.
   Step 4. Set the remote into find and bind mode and enable it to find and bind commisioning. Please refer to the manual for instructions.