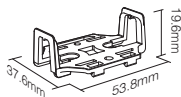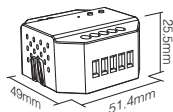# AC Triac Dimmer (2.4G + Push)

Model No.: TRI-C1

## Features

- Martphone APP control (need to buy 2.4GHz gateway)
- 2.4G RF wireless remote control
- Push dimming function
- Trailing edge phase-cut technology
- 0~100% stepless dimming and flicker free
- Lowest brightness setting function
- Built-in temperature detecting switch, over heart /loading protection
- Auto transmitting function, unlimited control distance
- Screw connector is reliable and easy to do installation
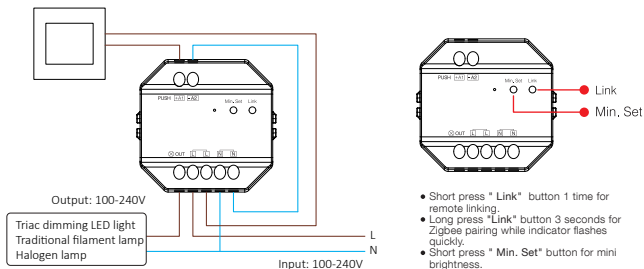- Anti-fire PC shell is more safety

## Parameters

| Name: | AC Triac Dimmer | IP Rating: | IP20 |
|---|---|---|---|
| Model No.: | TRI-C1 | Working Temperature: | -10~40℃ |
| Input Voltage: | 100-240V~ 50/60Hz | EMC Standard (EMC): | ETSI EN 301 489-1 V2.2.3(2019-11) ETSI EN 301 489-3 V2.3.2 (2023-01) |
| Output: | 100-240V~ | | |
| Output Current: | Max 1.36A | Safety Standard (LVD): | EN 61347-2-11: 2001+A1: 2019 EN 61347-1: 2015+A1:2021 EN 62493: 2015+A1:2022 |
| Output Power: | 150W @110V; 300W @220V | | |
| Protocol: | 2.4GHz RF | Radio Equipment (RED): | ETSI EN 300 440 V2.2.1 (2018-07) |
| Control Distance: | 2.4G: 30M | Certification: | CE, EMC, LVD, RED |

25.5mm
49mm
51.4mm

19.6mm
37.6mm
53.8mm

# Connection Diagram



Output: 100-240V

Triac dimming LED light
Traditional filament lamp
Halogen lamp

L
N

Input: 100-240V



● Link
● Min. Set

● Short press " **Link**" button 1 time for remote linking.
● Long press "**Link**" button 3 seconds for Zigbee pairing while indicator flashes quickly.
● Short press " **Min. Set**" button for mini brightness.

# Installation Diagram

Support following standing junction box



PUSH switch    The depth of junction box is over 50mm
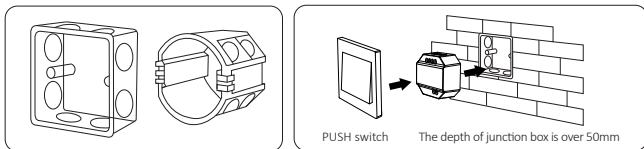
# PUSH Dimming

**Short press PUSH switch:**

Turn ON/OFF light

**Long press PUSH switch:**

● Stepless dimming brightness.

● Long press and release your finger, then repeat long pressing to increase or decrease brightness

● Please long press switch 20 seconds until all lights have same brightness with 100% level if multi dimmers had connect with same self-return switch. The quantity of dimmers which connect with same self-return switch can not be over 25 pieces, the connection cable of self-return switch can not be over 20m.

# Compatible with these 2.4G RF remote controls (Purchased separately)



FUT006    FUT007    B1 / B1-B / T1    B2 / T2    K1 / K1-B



FUT087
FUT087-B    S1-B / S1-W
S1-G    WL-Box1
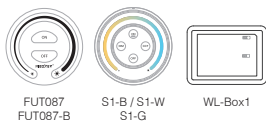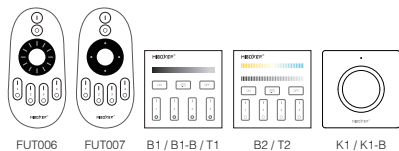
# Auto transmitting (2.4G RF remote signal)

The controller can transmit remote signal to another controller automatically while the distance between lights are 30m, the remote control distance is unlimited. (Attention: all controllers must be linked with same remote)
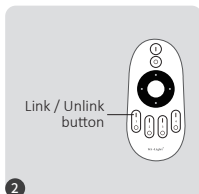


Auto transmitting

Triac Dimmer    Distance 30m    Triac Dimmer    • • •
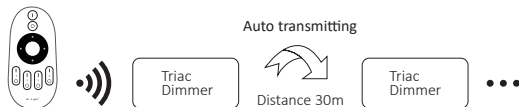
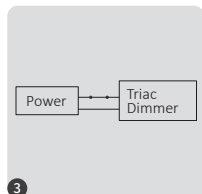# 2.4G RF Remote control instruction

## Linking Code Instructions
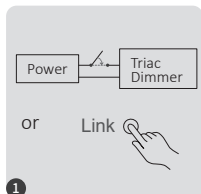
**1** Power off 10 seconds and power on again or short press "Link" one time

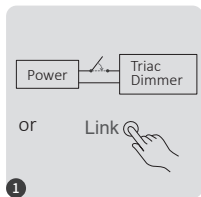**2** Short press " I " button 3 times within 3 seconds.

**3** Lights blink 3 times slowly means linking is done successfully.

⚠️ Linking failed if light is not blinking slowly, Please follow above steps again. (Note: Light that have linked can't link again)
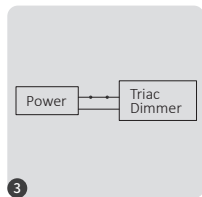
## Unlinking Code Instructions

**1** Power off 10 seconds and power on again or short press "Link" one time

**2** Short press " I " button 5 times within 3 seconds.

**3** Lights blink 10 times quickly means unlinking is done successfully.

⚠️ Unlinking failed if light is not blinking quickly, Please follow above steps again. (Note: Light haven't linked that don't need to unlink)

# Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.

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