Issue Date: 21/11/2019

M A N U A L

WIRELESS MODULE RECEIVER
MCMR-2000

CONTENTS

1. Overview and features

Transform electric device(s) to wireless control with the On/Off module receiver. Module receiver is designed to be installed in standard wall boxes or anywhere else where it is necessary to control an electric device drawing up to 2000W.

Main features of module receiver;

- Compatible to L and M series.
- 2000W resistive load control.
- Adaptive mains zero crossing switching.
- 32 memories, first in first out storage maintain.
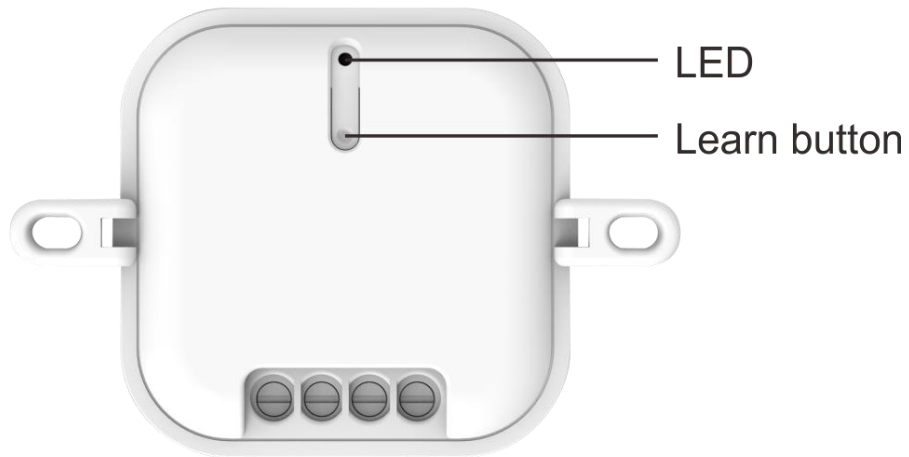- Scene status memory, create your desired atmosphere.
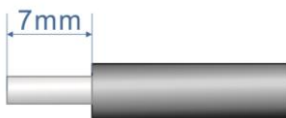
⚠ Not compatible to:

ARC Code switch system product range

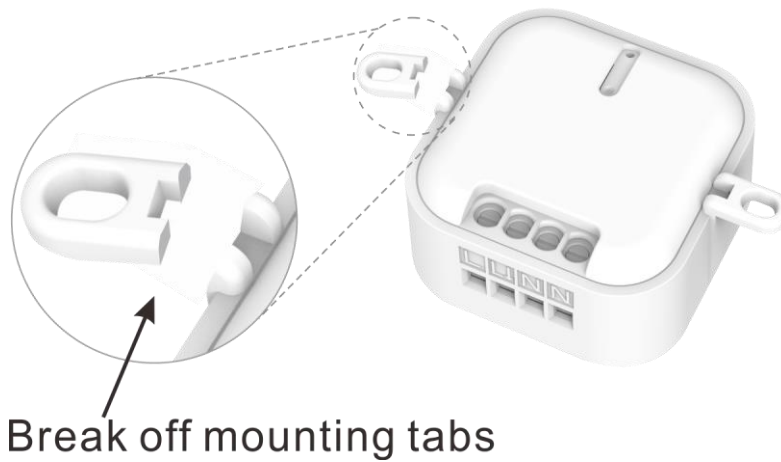# 2. Diagrams

Notes for the diagrams:

- Strip wires at least 7mm then connect the wires as per diagrams below, ensure terminals are properly tightened and no bare wire is visible.
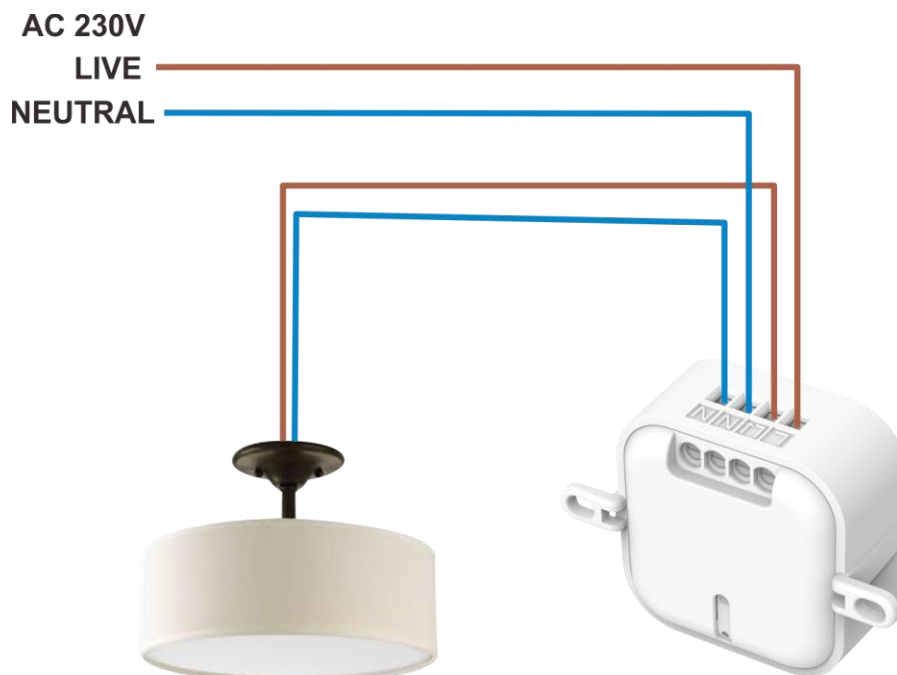- Suitable wire size for terminal is 1.6mm^2 to 2mm^2

DIAGRAMS

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3. Installation - Wiring

To install module into wall box, break off the mounting tabs.

Break off mounting tabs
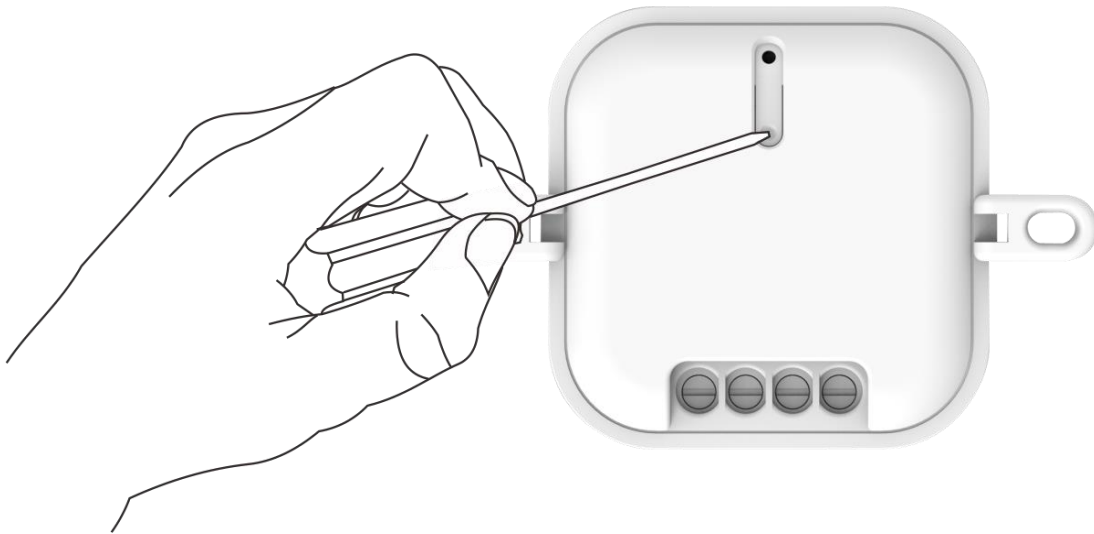
⚠ Cut off main power before installing and wiring.

1. Connect permanent Live wire into module terminal [L].
2. Connect Neutral wire into module terminal [N].
3. Connect load Live wire into module terminal [L↓].
4. Connect load Neutral wire into module terminal [N].
5. Tighten the terminal screws.
6. Connect back mains power supply.

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4. Pairing / Un-pairing Device

<u>PAIRING</u>

Pairing using **LEARNING MODE**:

1. Press **'Learn'** button once (LED on module will flash), this will enter learning mode.

2. With a remote control press the **'ON'** button; LED on module will flash to confirm that the remote control is now paired.

NOTE: If no signal is received from a remote control within 12 seconds then the module will automatically exit learning mode without pairing the device.
To exit learning mode manually, simply press the **'Learn'** button again.

UN-PAIRING

Removing single Device:
1. Press **'Learn'** once (LED on module will flash), this will enter learning mode.
2. With a remote control press the **'OFF'** button intended to be un-paired; LED on module will flash to confirm that the remote control is un-paired.

CLEARING ALL MEMORY

Removing all memory stored in the module.
1. On the module hold down the **'Learn'** button for 6 seconds, LED on module will flash.
2. Release button then press again, this will remove all memory stored in the module.

5. Specifications

Input Rating:	230V~50Hz
Output Rating:	2000W Max. 8.695A Resistive Load
Radio Frequency:	433.92MHz
Power consumption:	<1W
Environment Temperature:	0-40 ^{o}C
Range:	up to 50 m indoors (Depends on building materials)
In accordance with:	Low Voltage Directive 2014/35/EU RED Directive 2014/53/EU
CE Certification:	The CE marked affixed to this product confirms Its complaisance with the European Directives Which apply to the product and in particular its compliance with the harmonizes standards and specifications.

CE ⊘ RoHS

Dimension (L x W x H)	48 x 48 x 25mm
Weight:	20 g

<u>NOTE</u>

- When inserting module into back box make sure excess wires do not cover module's back side. This may reduce the performance of radio transmission.
- During standby mode, LED on module will not illuminate.

SPECIFICATION