CLIPSAL 41EPBDWCLMZ-VW Connected Dimmer Zigbee Default Mode Instruction Manual

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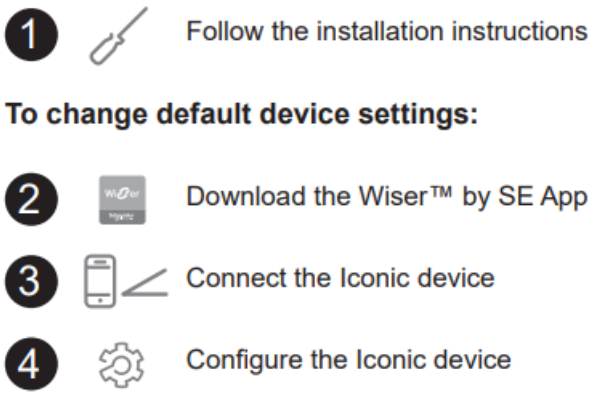
Iconic® Connected Module



Customer care

Warranty information
We warrant this product for 2 years. See Warranty links below.
Schneider Electric (Australia) Pty Ltd
33-37 Port Wakefield Road, Gepps Cross SA 5094
Customer Care: 13 73 28
Email: customercare.au@se.com
Warranty:
https://www.se.com/au/en/about-us/legal/terms-and-conditions.jsp
www.se.com
Schneider Electric (NZ) Ltd
Building 6, 60 Highbrook Drive, East Tamaki, Auckland 2013
Customer Care: 0800 652 999
Email: sales@nz.schneider-electric.com
Warranty:
https://www.se.com/nz/en/about-us/legal/terms-and-conditions.jsp
www.se.com

For your safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the device must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Lock out and tag the input circuit before accessing the wiring connections.
- The Locking Bar on the grids must be set to the Closed position to ensure that the device cannot be removed during normal operation.
- There are no user serviceable parts inside the device.

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

CAUTION

EQUIPMENT DAMAGE HAZARD

- Install the device according to instructions in this document.
- Pay attention to the specifications and wiring diagrams related to the installation.
- Do not use the device for any other purpose than specified in this instruction.
- Dropping the device may damage the internal components. Check that the device operates after being dropped or if physical damage is shown.

NOTICE

EQUIPMENT DAMAGE HAZARD (LOAD AND OPERATION)

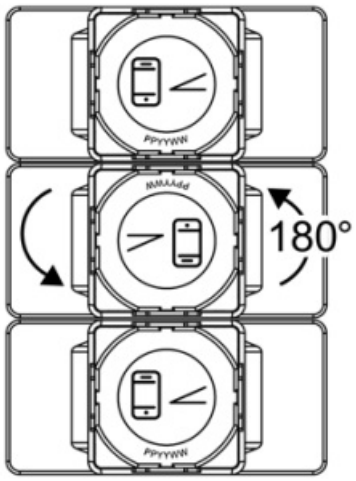
- Operation of the device at elevated temperatures or voltages outside of specification (240 V a.c. and 25 °C) may cause the over-temperature protection circuitry to operate. Operating with significant overload may activate thermal shut-down. In extreme cases, the thermal fuse may blow and render the device inoperable.
- Reduce the size of the connected load or use a different brand of lamp to prevent recurrence.
- Do not operate the product for prolonged periods in extreme conditions.

NOTICE

MAXIMUM LOAD RATINGS APPLY
Ensure that the number of low voltage lighting transformers connected to a single device does not exceed the maximum load rating of the device.

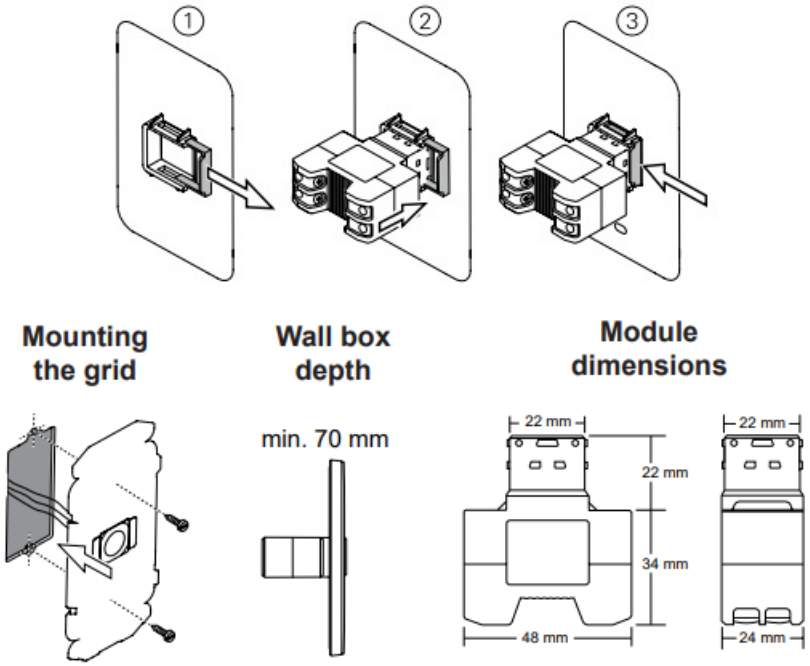
Installation

Multi-gang orientation



When installing in a 3-gang plate, the middle module must face the opposite way to the other 2 modules. The maximum load rating of each module must be derated (see Derating section).

Fitting the module to the grid



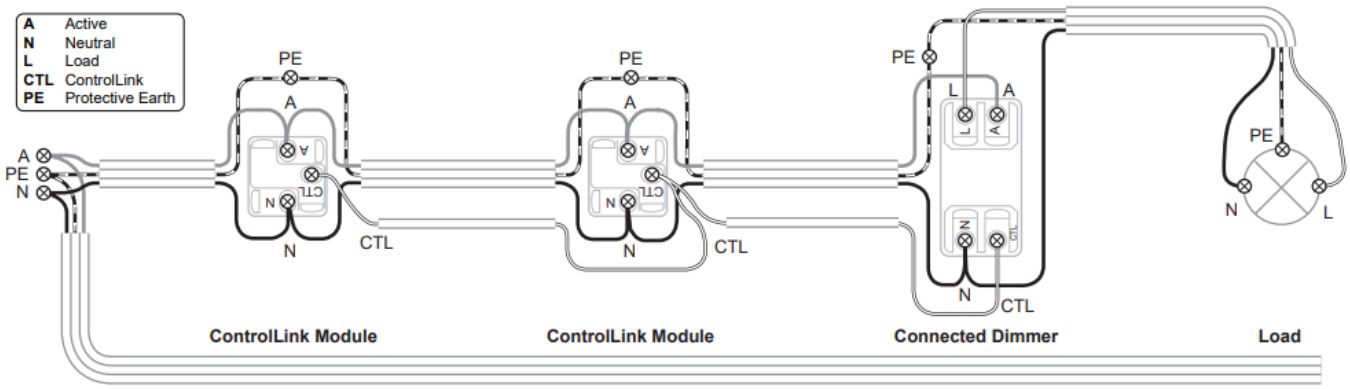
Derating

For multi-gang applications, derate the maximum load rating of each module as shown in the table below. The load figures are based on a nominal voltage of 220-240 V a.c.

Primary modules per plate	Max. load per primary module
1	300 W
2	225 W
3	150 W

Cabling and connections
(Typical 3-way installation using Iconic Connected Module)

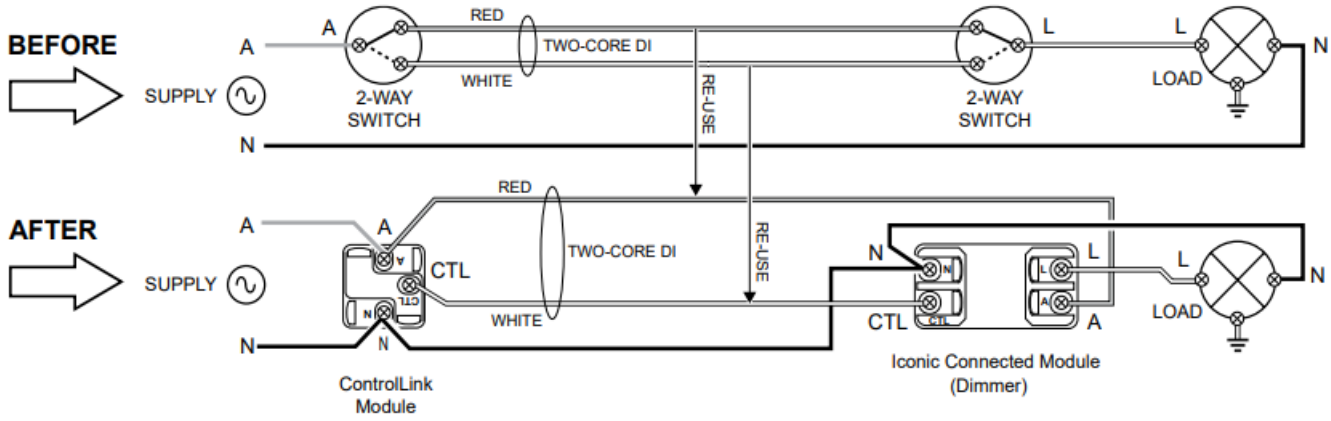
Note: Control Link Modules work with the Connected Dimmer out-of-the-box.



Notes:

- All Active connections must be on the same phase.
- Up to 5-way dimming (e.g. 1x Dimmer plus up to 4x ControlLink Modules, or up to 3x Dimmers plus 2x ControlLink Modules). In case of multiple Dimmers being installed, each Dimmer must be connected to a separate load.
- Total length of CTL and Active loop: max. 50 m.
- Control and load cables must not be coupled.

Retrofit (2-way installation shown)



Configuring the module (optional)

General information
This product operates as a dimmer ‘out-of-the-box’, with no configuration needed.
The module can optionally be used as a device in a Wiser™ Hub network. The module must be paired with the Wiser Hub using the Wiser by SE App (see Pairing section below).
For information on using the module with the Wiser Hub, refer to the Wiser System User Guide — scan the QR code for your region.

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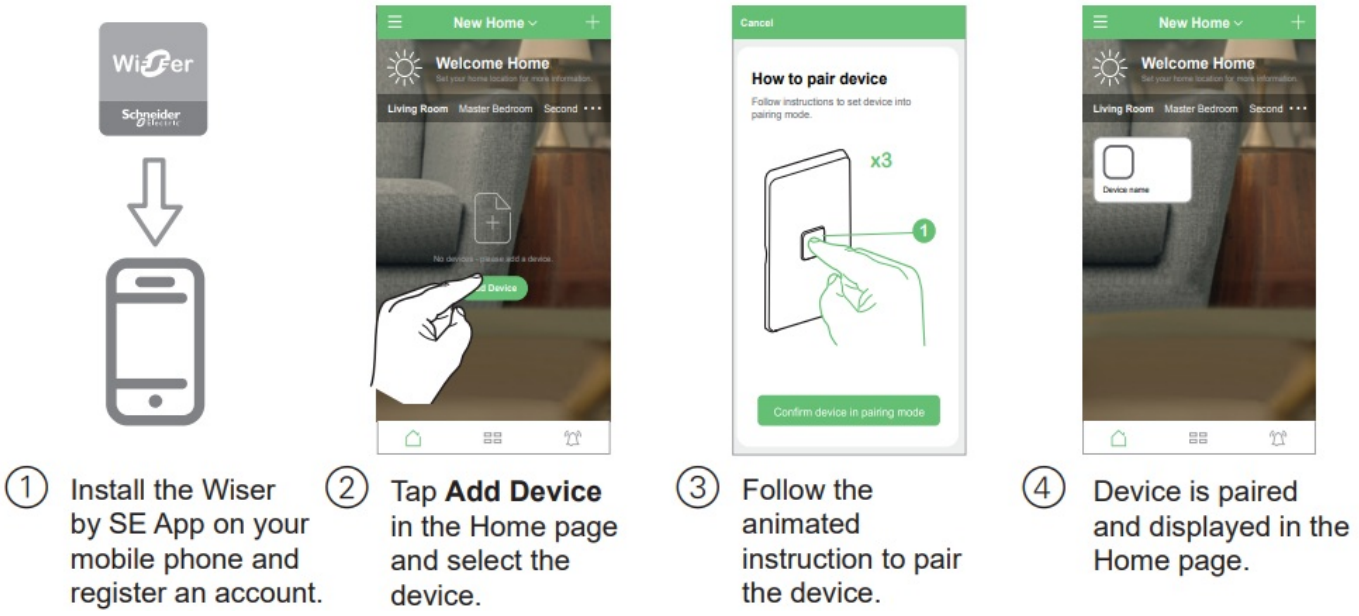
NZ

Pairing to the Wiser Hub

Notes:

- The Wiser Hub must first be commissioned using the Wiser by SE App. Refer to the Wiser System User Guide.
- When pairing, be in the same room and within a range of 8 to 10 m of the device being paired. Range can be affected by walls and other structures.



① Install the Wiser by SE App on your mobile phone and register an account.

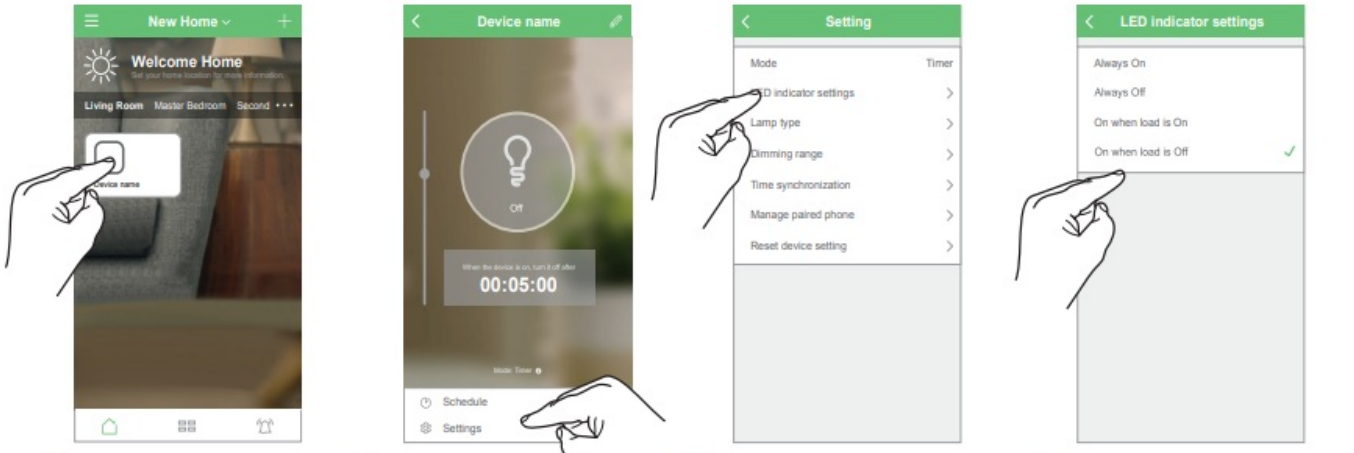
② Tap **Add Device** in the Home page and select the device.

③ Follow the animated instruction to pair the device.

④ Device is paired and displayed in the Home page.

IMPORTANT: If you are unable to pair the device with the Wiser hub, please contact customer support.

Setting the LED indicator behaviour



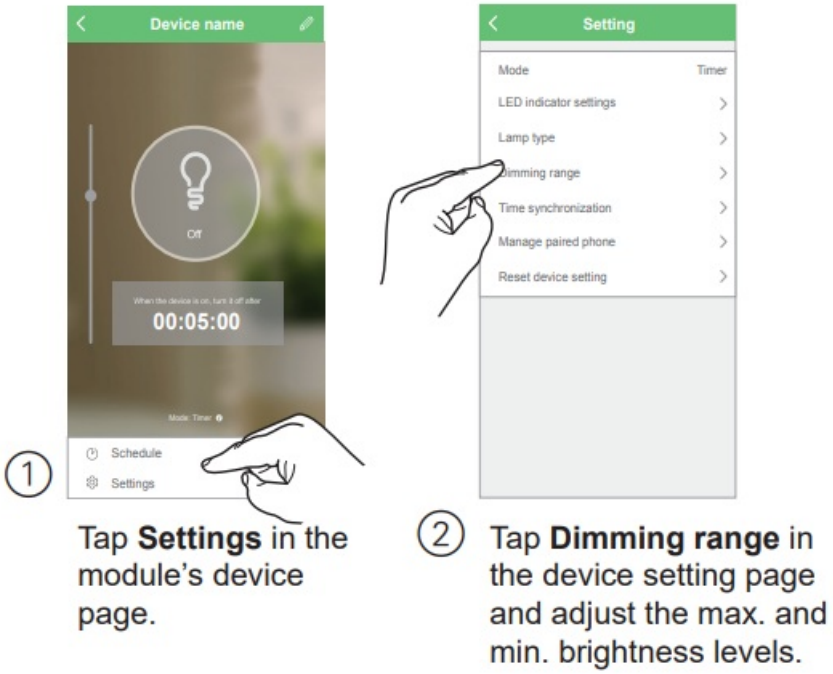
① Tap the module in the Home page.

② Tap **Settings** in the module's device page.

③ Tap **LED indicator settings** in the device setting page.

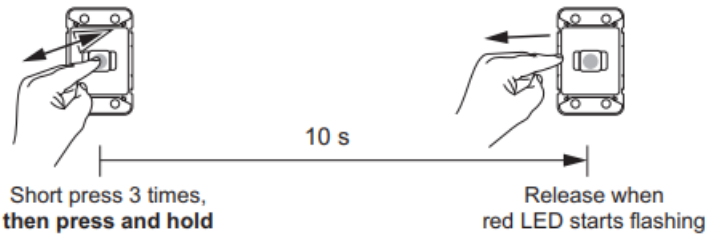
④ Tap the desired behaviour in the list (default behaviour: **On when load is Off**).

Setting the max./min. brightness levels



Restoring the device to factory defaults

Note: All customised settings and pairing information will be lost. Before restoring, remove the skin in order to see the module LED indicator.



Technical data

Note: See product datasheet for full specifications.

Operating voltage	220–240 V a.c., 50 Hz
Load rating	No minimum load required Max. 300 W Refer to Load Compatibility table

Load connection	LED indicator flashes in the event of load disconnection or failure
Dimming range	Min. 0%, Max. 100% (depending on load)
Protection	Over temperature: Yes Short circuit: Yes Overcurrent/thermal fuse: Yes
LED indicator	Yes
Multiway control	Yes, via ControlLink
Multiway limits	Max. 5-way dimming (Max. 3 Iconic Connected Dimmers + remainder ControlLink Modules.)

ControlLink/Active cable limit	Total length of CTL and Active loop: max. 50 m
Supported protocols	Zigbee (default), BLE
Compatible plate ranges	Iconic, Iconic Styl, Iconic Essence, Pro Series
Mounting centres	84 mm pattern plate
Compliance	Safety: AS/NZS 60669.2.1 EMC: AS/NZS 60669.2.1 RF: AS/NZS 4268
Power failure data retention	Internal date/time retained for at least 6 hrs. Settings preserved indefinitely.
Environmental rating	IP20 (designed for indoor use only)

Operating humidity	5%–90% RH, non-condensing

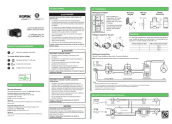
Load compatibility

Dimmable LED	150 W
Dimmable compact fluorescent	
240 V incandescent/halogen	300 W
LV halogen with electronic transformer	
Non-dimmable LED	Not compatible
Non-dimmable compact fluorescent	

Disclaimer

Schneider Electric reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in these instructions are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.

Documents / Resources

	CLIPSAL 41EPBDWCLMZ-VW Connected Dimmer Zigbee Default Mode [pdf] Instruction Manual 41EPBDWCLMZ-VW, PDL354PBDMBTZ-VW, 41EPBDWCLMZ-VW Connected Dimmer Zigbee Default Mode, 41EPBDWCLMZ-VW, Connected Dimmer Zigbee Default Mode

References

- Schneider Electric Global | Global Specialist in Energy Management and Automation
- Schneider Electric Global | Global Specialist in Energy Management and Automation
- Terms and conditions of sale | Schneider Electric Australia
- Terms and conditions of sale | Schneider Electric New Zealand