CLIPSAL
by Schneider Electric

PDL
by Schneider Electric

Connected Dimmer BLE default mode

41EPBDWCLM-VW
PDL354PBDMBTW-VW

Iconic® Connected Module

1 Follow the installation instructions

To change default device settings:

2 Download the Wiser™ by SE App

3 Connect the Iconic device

4 Configure the Iconic device

Works with
Wiser™

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.

Failure to follow these instructions can result in injury or equipment damage.

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.

Failure to follow these instructions can result in equipment damage.
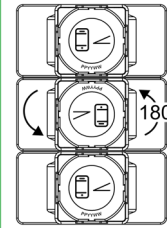
NOTICE

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.

Failure to follow these instructions can result in equipment damage.
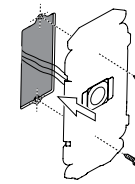
Installation

Multi-gang orientation

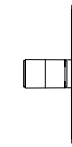When installing in a 3-gang plate, the middle module must face the opposite way to the other 2 modules.

The maximum load rating of each module must be derated (see Derating section).
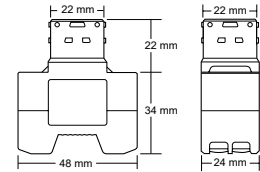
Mounting the grid

Wall box depth

min. 70 mm

Module dimensions

22 mm, 22 mm, 22 mm, 34 mm, 48 mm, 24 mm
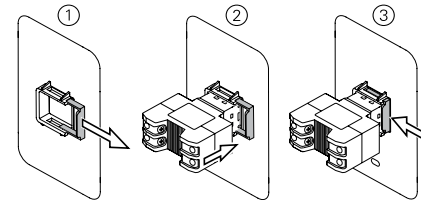
Fitting the module to the grid

① ② ③

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.

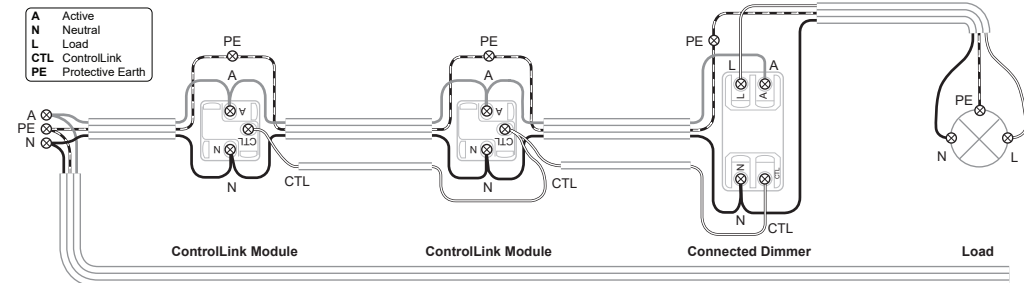| Primary modules per plate	Max. load per primary module
1	300 W
2	225 W
3	150 W

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

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

A	Active
N	Neutral
L	Load
CTL	ControlLink
PE	Protective Earth

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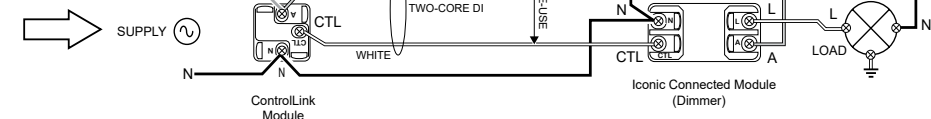
Notes:
- All Active connections must be on the same phase.
- Up to 5-way dimming (e.g. 1x Dimmer plus up to 4x ControlLink Modules, or up to 3x Dimmers plus 2x ControlLink Modules). In case of multiple Dimmers being installed, each Dimmer must be connected to a separate load.
- Total length of CTL and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

Retrofit (2-way installation shown)

BEFORE
SUPPLY · A · A · RED · TWO-CORE DI · WHITE · RE-USE · L · L · LOAD · N
2-WAY SWITCH · 2-WAY SWITCH
N

AFTER
SUPPLY · A · A · CTL · RED · TWO-CORE DI · RE-USE · N · L · L · LOAD · N
WHITE · CTL · A
N · N
ControlLink Module · Iconic Connected Module (Dimmer)

NNZ58569

⚙ Configuring the module (optional)
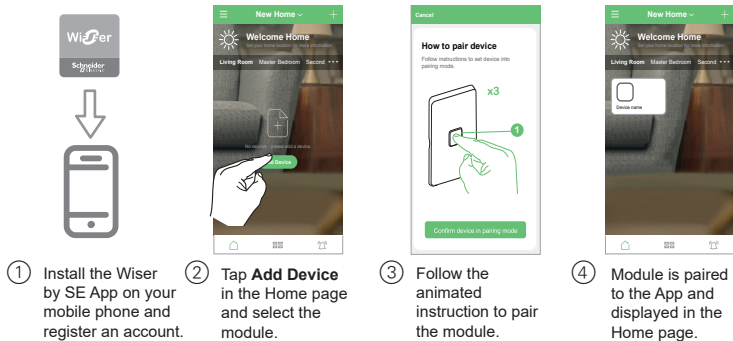
General information

This product operates as a dimmer 'out-of-the-box', with no configuration needed.

The module can optionally be configured as a delay timer, and features a scheduler function. The module LED indicator behaviour and max./min. brightness levels can also be configured, if desired.
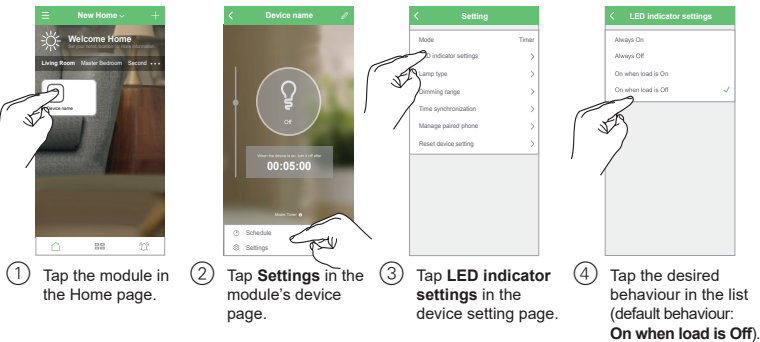
Note: The module must be paired with a mobile phone and the Wiser™ by SE App in order to perform these tasks.
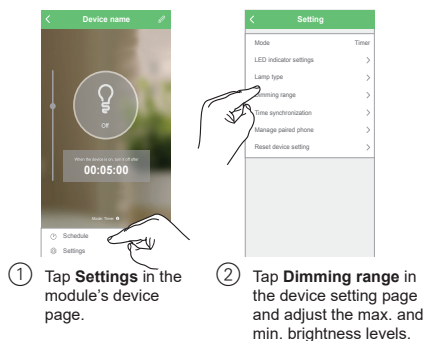
Pairing

Note: When pairing the module with the Wiser by SE App, be in the same room and within a range of 8 to 10 m of the module. Range can be affected by walls and other structures.
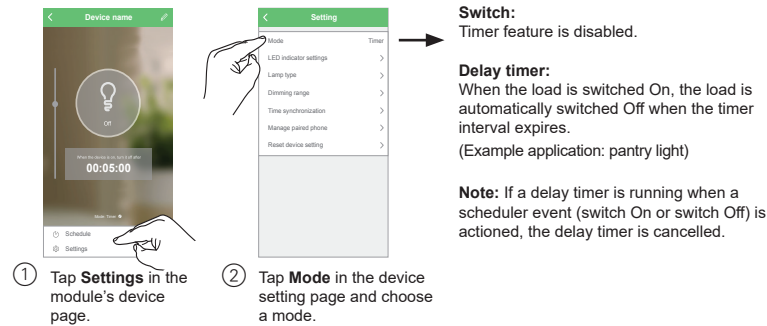
① Install the Wiser by SE App on your mobile phone and register an account.

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

③ Follow the animated instruction to pair the module.

④ Module is paired to the App and displayed in the Home page.

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

① Tap **Settings** in the module's device page.

② Tap **Dimming range** in the device setting page and adjust the max. and min. brightness levels.

Setting the mode

① Tap **Settings** in the module's device page.

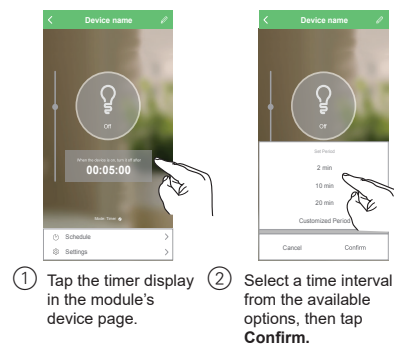② Tap **Mode** in the device setting page and choose a mode.

Switch:
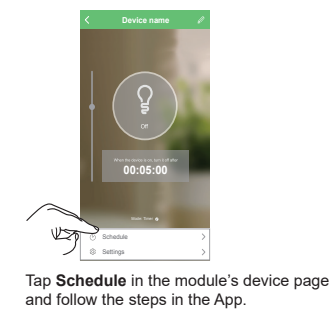Timer feature is disabled.

Delay timer:
When the load is switched On, the load is automatically switched Off when the timer interval expires.
(Example application: pantry light)

Note: If a delay timer is running when a scheduler event (switch On or switch Off) is actioned, the delay timer is cancelled.
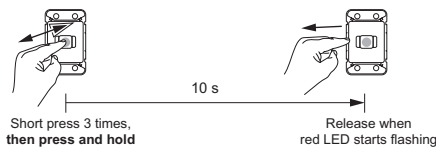
Setting the timer interval

① Tap the timer display in the module's device page.

② Select a time interval from the available options, then tap **Confirm.**

Setting the scheduler

Tap **Schedule** in the module's device page and follow the steps in the App.

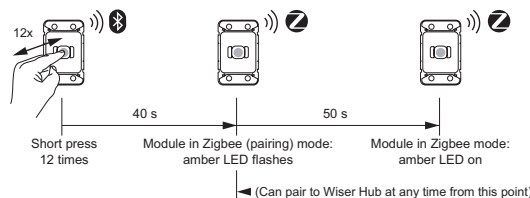## Restoring the device to factory defaults

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

10 s

Short press 3 times, **then press and hold**

Release when red LED starts flashing

Preparing the device for use with Wiser Hub

This module can be used as a device in a Wiser Hub network. The module must first be changed from BLE mode to Zigbee mode.

IMPORTANT: This operation will result in some data loss and the device needs to be re-configured after the mode has been changed successfully. For further details, please contact customer support.

12x

40 s

50 s

Short press 12 times

Module in Zigbee (pairing) mode: amber LED flashes

Module in Zigbee mode: amber LED on

◄── (Can pair to Wiser Hub at any time from this point)

For information on using the module with the Wiser Hub, refer to the Wiser System User Guide.

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	BLE (default), Zigbee
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
Specifications typical at 25 °C	

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.

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