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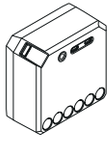
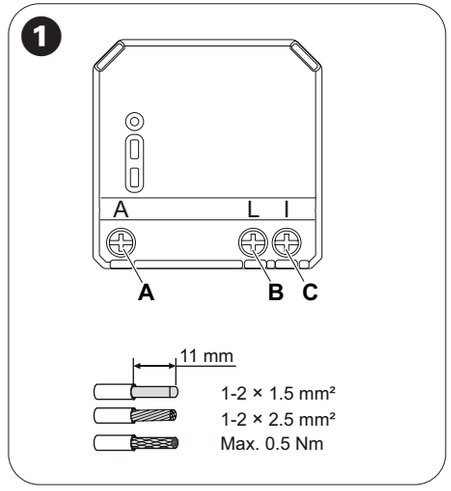
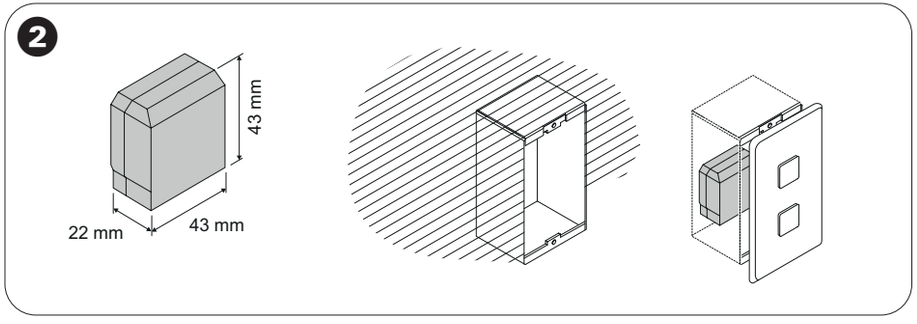
CLIPSAL

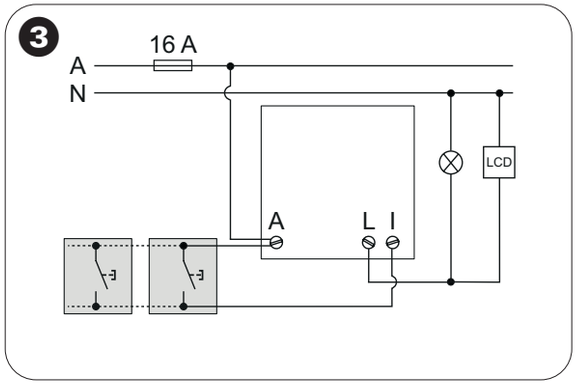


CLP5010WDZ
PDL5010WDZ

Wiser™ Schneider Electric







NNZ5882800

en Wiser Micro Module Dimmer

About this product

The Wiser micro module dimmer (hereinafter referred to as **module**) is used to switch and dim resistive, inductive or capacitive loads.

Note: The module must not be used to control safety relevant applications.

Control options

Home control: To control the module through the Wiser Home App, you will need the Wiser Hub.

Direct operation: The module can always be controlled directly on-site. To do this, you can connect a maximum of 10 push buttons (-> “Push button reference”).

Functions

- Automatic load detection
- Thermal protection, overload-resistance, short-circuit protection
- Soft start/stop

Push button reference

Description	Catalogue numbers
Momentary push button	41EPBM-VW, 356PBSS-VW
Mechanical push button	60PBBP, 30PBBP

1 Product details

A Active conductor
B Dimmer output
C Extension unit input 1

Mounting and connection

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, 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.
- There are no user serviceable parts inside the device.

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

2 Choosing the installation location

Note: If you place the module behind a push button, use a suitable wall box.

Note: To reduce the thermal dissipation, reduce the load.

Reduce load by	When installed
0 %	In a standard flush-mounted box
25 %	In cavity walls*
25 %	Several installed in combination*
30 %	In a 1-gang or 2-gang surface mounted housing
50 %	In a 3-gang surfaced-mounted housing

* If more than one factor applies, add load reductions together.

Mounting and connecting the module

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK

- Make sure that the terminal connection area does not come in contact with the metallic parts of any device installed in the same location.
- Do not short the outputs to neutral.

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

⚠ CAUTION

EQUIPMENT DAMAGE

- Always operate the product in compliance with the specified technical data.
- Never connect any mixed inductive/capacitive loads.
- Connect only dimmable loads.
- Do not use dimmable socket outlets.
- Please ensure that the device is disconnected from its circuit during the insulation resistance test.

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

3 Connecting the module

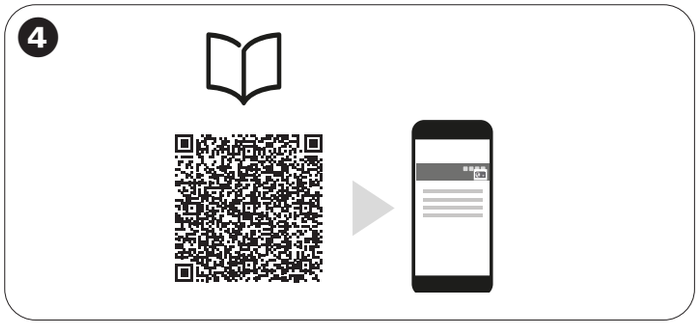
⚠⚠ DANGER

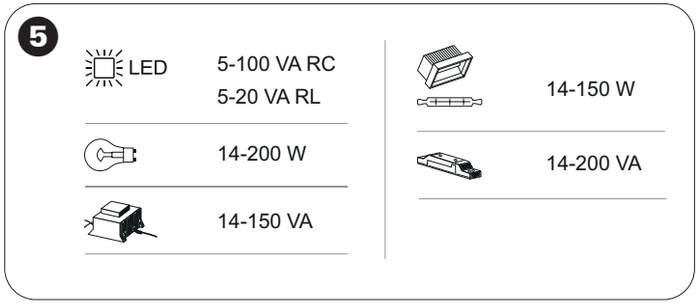
RISK OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- When working on the device, always disconnect the device from the power supply, as the output may carry electrical current even when the load is switched off.
- Isolate the incoming circuit before installation, maintenance, or service (or replacement of the load) of the devicel.

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

NNZ5882800-02 04/24





Note: The dimming result will depend on the LED connected. Some LEDs may not work as expected. This depends on number of LEDs, the type of driver and the power quality supplied from the network. A 31LCDA may resolve the issues. A 31LCDA is required if using a single LED. Flicker can occur at certain times of the day due to increased ripple signals in the network. In this case contact the supply authority.

LCD = Load corrrective device

4 Reading the full device user guide online

Scan the QR code for complete information about the device, including operation, configuration and using the product.

Techncial data

Nominal voltage	AC 220-240 V, 50/60 Hz
Nominal current	5 **Note:** LED = Dimmable LED RC = Resistive-capacitive load RL = Resistive-inductive load
Dimming channel	1
Standby	Maximum 0.4 W
Operating temperature	0 °C to 35 °C
Neutral conductor	Required
Connecting terminals	Maximum 2 × 2.5 mm², solid or stranded types
Extension units	Maximum 10 push buttons
Length of all cable sections	Maximum 50 m for 3-wire NYM cable
Fuse protection	16 A circuit breaker
Operating frequency	2405 – 2480 MHz
Max. radio-frequency power transmitted	<10 mW
IP rating	IP20
Product dimensions (H × W × D)	43 × 43 × 22 mm
Wall box dimension	The wall box must have a minimum depth of 70 mm
Certification	Zigbee 3.0
Compliance	
Safety	AS/NZS 60669.2.1
EMC	AS/NZS 60669.2.1
RF	EN 300 328

Trademarks

- Zigbee® is a registered trademark of the Connectivity Standards Alliance.
- Wiser™ is a trademark and the property of Schneider Electric SE, its subsidiaries and affiliated companies.

Other brands and registered trademarks are the property of their respective owners.

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.clipsal.com/warranty
www.clipsal.com

Schneider Electric (NZ) Ltd
Level 2, Building 6, 60 Highbrook Drive
Highbrook, 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.pdl.co.nz

NNZ5882800-02 04/24