

10 AX Push-Button Switch with ControlLink

PDL356PB10MBTW-VW

Wiser Iconic

Life Is On

by Schneider Electric

1. Follow the installation instructions
2. Download the Wiser Room App for your smartphone
3. Connect your smartphone to the switch
4. Configure the switch and save settings

Wiser Room App

Download for Android™

Wiser Room App

Download for Apple

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 product 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 Iconic grids must be set to the Closed position to ensure that the mechanism cannot be removed during normal operation.
- There are no user serviceable parts inside the product.

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 this product for any other purpose than specified in this instruction.
- Dropping the device may damage the mech. Check 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 Iconic units 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 cause the thermal fuse to blow and render the unit 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 switch does not exceed the maximum load rating of the unit.

Failure to follow these instructions can result in equipment damage.

Derating

For applications where Iconic push-button electronic switches are multi-ganged, derate the maximum load rating of each switch as installed in a multi-gang plate.

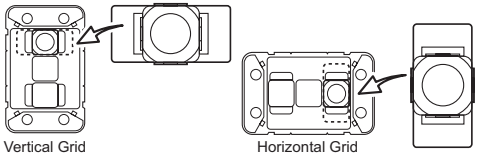
Note: When installing in a 3-gang plate the middle mech must face the opposite way to the other 2 mechs. The load figures shown below are based on a nominal voltage of 220-240 V a.c.

Primary mechs per plate	Max load per primary mech
1	10 A
2	7.5 A
3	6.5 A

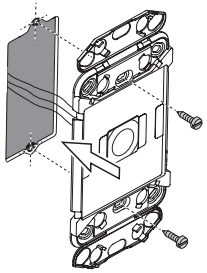
Load rating table	
Incandescent load	10 A
MV halogen load	
Electronic LV lighting transformers	
Iron core LV lighting transformers (EI and toroidal types)	
Linear fluorescent ballasts	
Compact fluorescent loads	
LED lighting drivers	
Inductive loads (e.g. small motors such as ceiling exhaust fans)	10 A @ 0.8 power factor
Purely resistive loads with heating element	15 A
Motor load	6 A @ 0.5 power factor

Installation

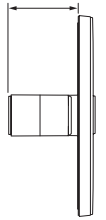
Multi-gang orientation



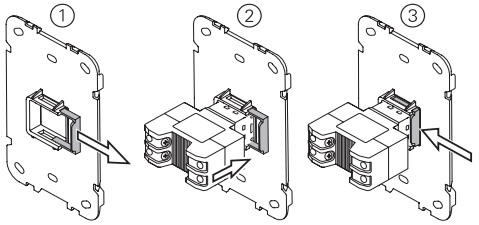
Mounting the grid



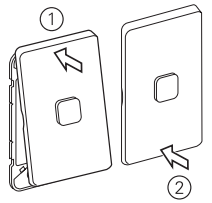
Wall box depth: min. 70 mm



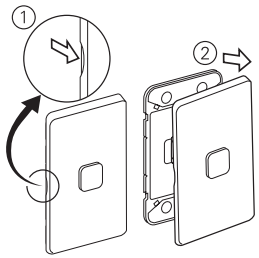
Fitting the mechanism to the grid



Installing the skin

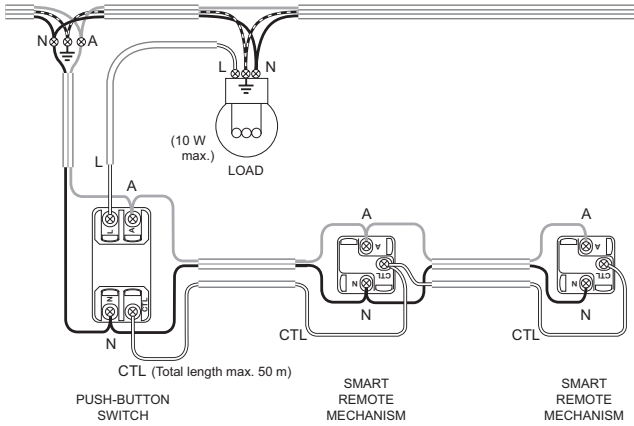


Removing the skin



Cabling and connections

(Typical 3-way installation using Wiser Iconic Push-Button Switch Mechanism)

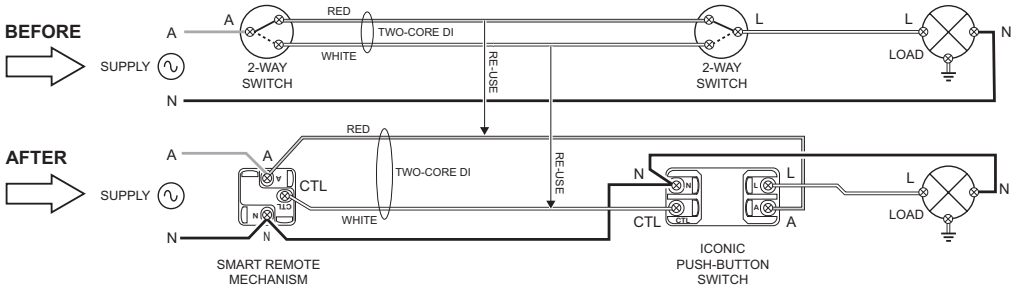


Note:
All Active connections must be on the same phase.

A	Active
N	Neutral
L	Load
CTL	ControlLink
⏚	Protective Earth

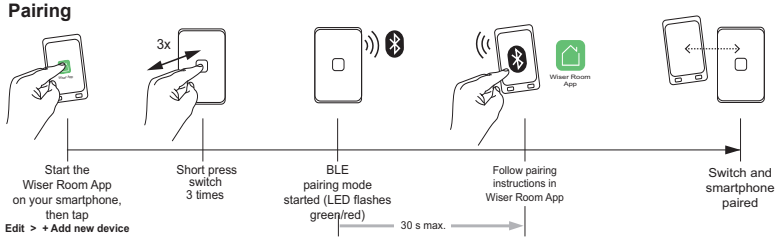
Note: Totoal length of ControlLink cable in an installation must not exceed 50 m.

Retrofit (2-way installation shown)



Using the Wiser Room App

Pairing



Configuration with the Wiser Room App

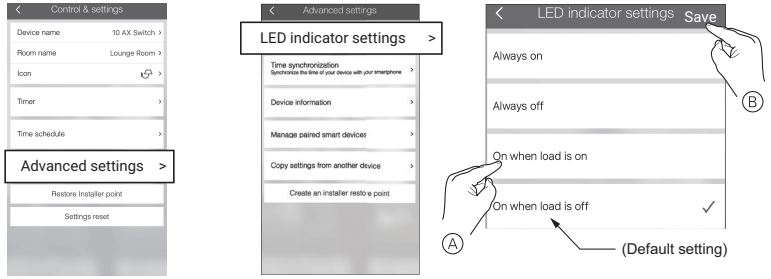
Use the Wiser Room App to customise the switch:

- Change the LED indicator behaviour.
- Create an 'Installer restore point' to save settings in case a future restore is needed **(highly recommended).**
- 'Copy and paste' settings from another Wiser Iconic switch to save time when configuring multiple switches, such as when installing in an apartment block.

If desired, use the Wiser Room App to set and adjust the timer, and set up to 16 time schedulers.

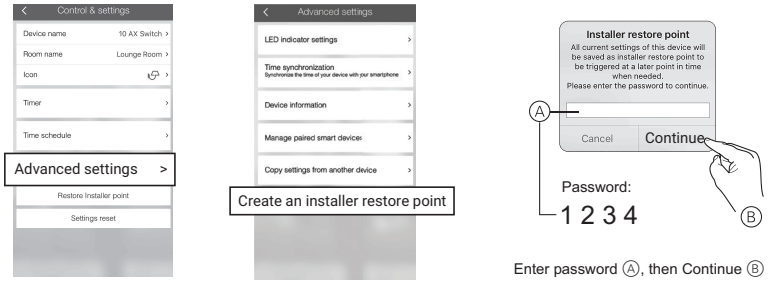
NOTE: When controlling with the Wiser Room App be in the same room and within a range of 8-10 m of the switch. Range can be affected by walls and other structures.

Changing the LED indicator setting



Advanced settings > | LED indicator settings > | Make selection Ⓐ, then save Ⓑ

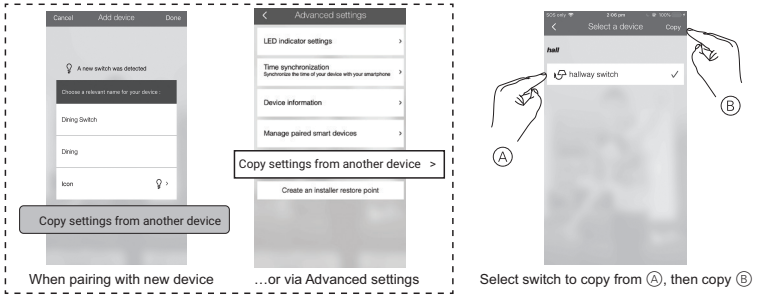
Creating an Installer restore point



Advanced settings > | Create an installer restore point | Enter password Ⓐ, then Continue Ⓑ (**Note:** Password cannot be changed)

'Copy and paste' settings from another Wiser Iconic device

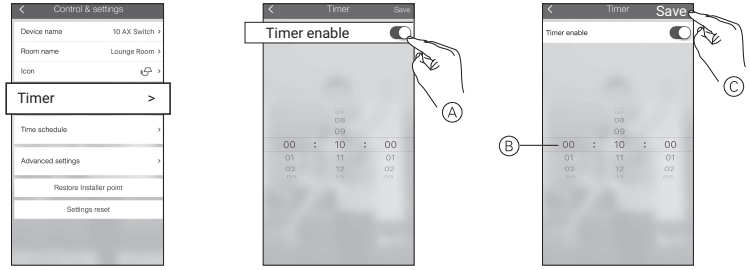
Note: Settings can only be copied from a switch of the exact same model.



When pairing with new device | …or via Advanced settings | Select switch to copy from Ⓐ, then copy Ⓑ

Setting/Adjusting the timer

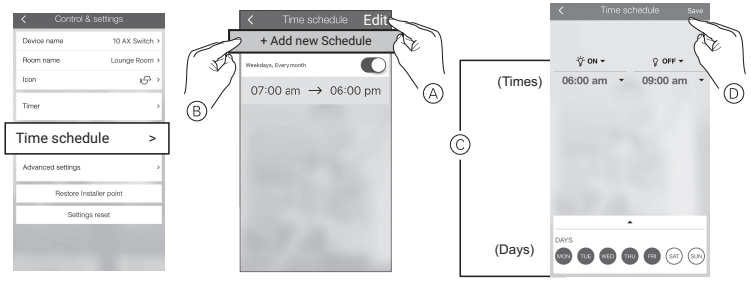
Note: When the timer is operating, time schedules are suspended.



Timer > | Enable the timer Ⓐ | Set time interval Ⓑ, then save Ⓒ

Setting a time schedule

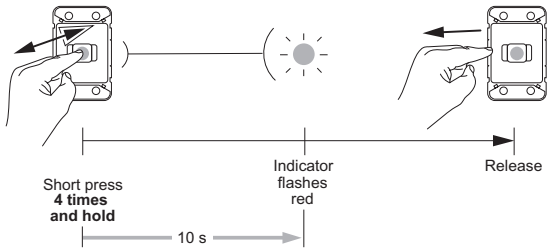
Note: When the timer is operating (see *Setting/Adjusting the timer*), time schedules are suspended.



Time schedule > | Edit Ⓐ, + Add new schedule Ⓑ | Make selection Ⓒ, then save Ⓓ

Restoring the switch to factory defaults

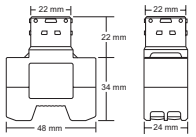
Note: All customised settings and bluetooth pairing information will be lost. Remove the skin before restoring to see the mechanism indicator.



Technical data

Note: See product datasheet for full specifications.

Operating voltage	220–240 V a.c., 50 Hz
Max load rating	10 A. Refer to Load Rating table on front page
Switching technique	Relay
Over current/thermal fuse protection	No
Short circuit protection	No
Over termpearture protection	Yes
LED indicator	Yes
Multiway control	Yes
Mutli-gang plate capacity	Max 3 primary mechs per plate. Derating to be applied (see Derating Section on front page).
Compatible plate ranges	Iconic
Mounting centres	84 mm Australian pattern plate
Safety compliance	AS/NZS 60669.2.1
EMC emission compliance	
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
Max ControlLink cable length	50 m
No user serviceable parts inside	



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Customer care

We warrant this product for 2 years, for details visit https://www.schneider-electric.co.nz/en/about-us/legal/terms-and-conditions.jsp

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