Manuals+ — User Manuals Simplified.

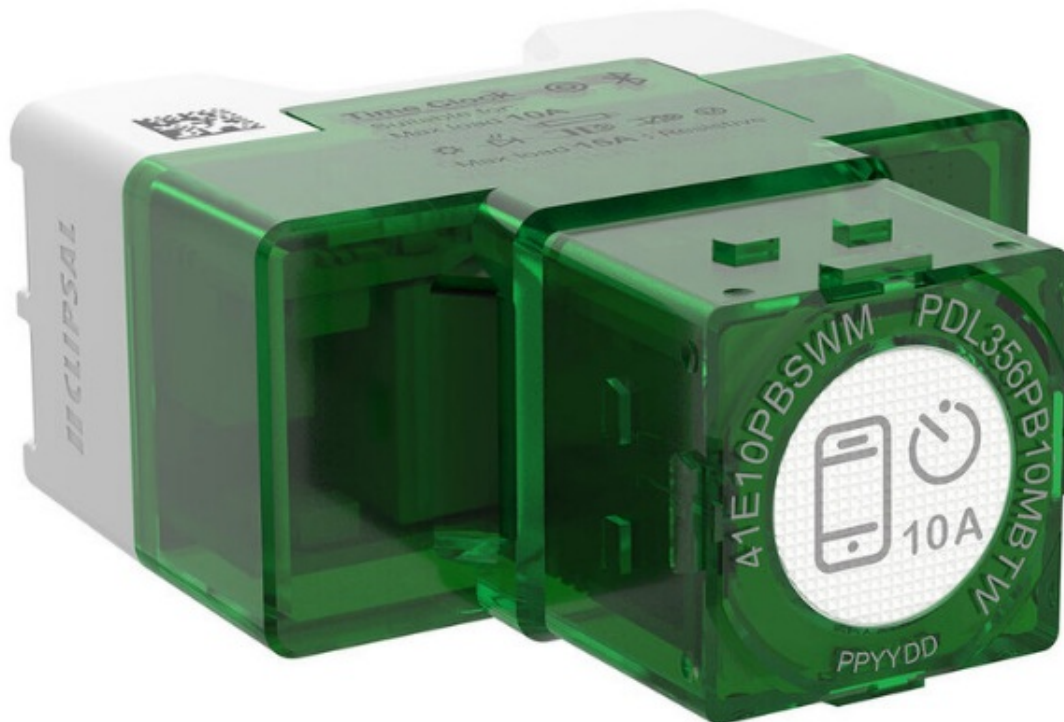# Schneider 41E10PBSWM-VW Iconic Push Button Wiser Electronic Switch User Guide

Contents

Schneider Electric

Schneider 41E10PBSWM-VW Iconic Push Button Wiser Electronic Switch

Iconic® Connected Module

1. Follow the installation instructions
2. Download the Wiser™ by SE App
3. Connect the Iconic device
4. Configure the Iconic device

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.
- 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.
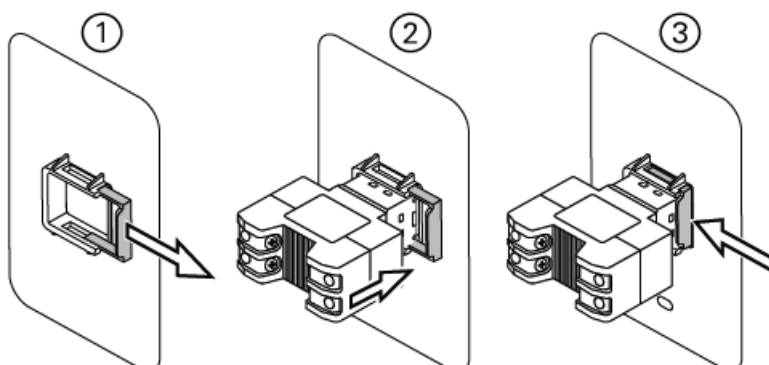
NOTICE
MAXIMUM LOAD RATINGS APPLY Ensure that the number of low voltage lighting transformers connected to a single device does not exceed the maximum load rating of the device. Failure to follow these instructions can result in equipment damage.
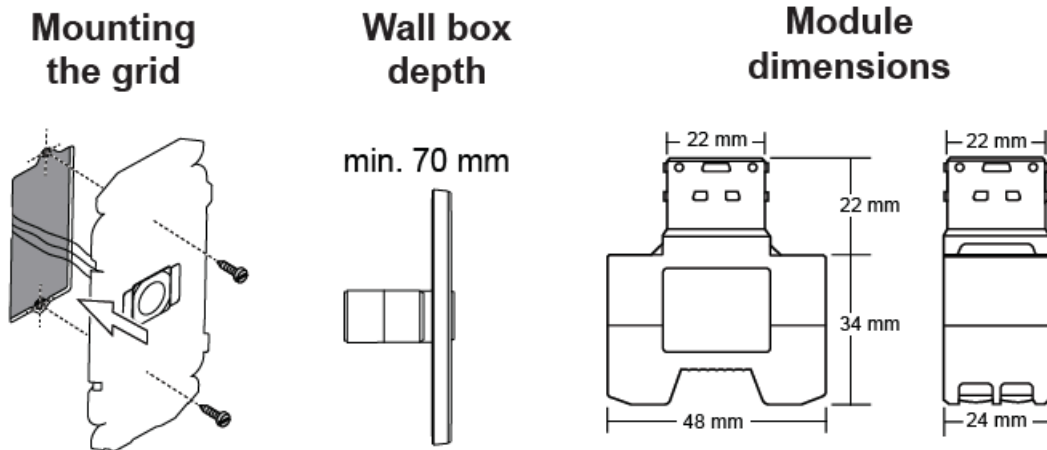
Installation

Multi-gang orientation
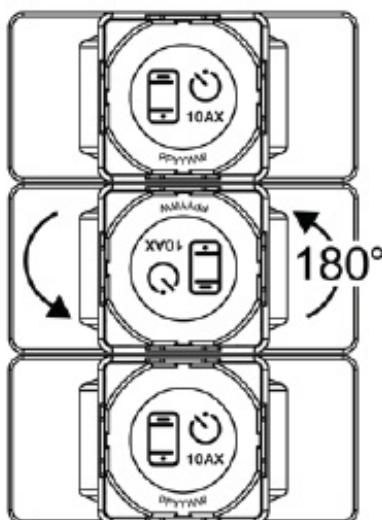
Fitting the module to the grid

- **Mounting the grid**

- **Wall box depth**
- **Module dimensions**

Mounting the grid

Wall box depth

min. 70 mm

Module dimensions

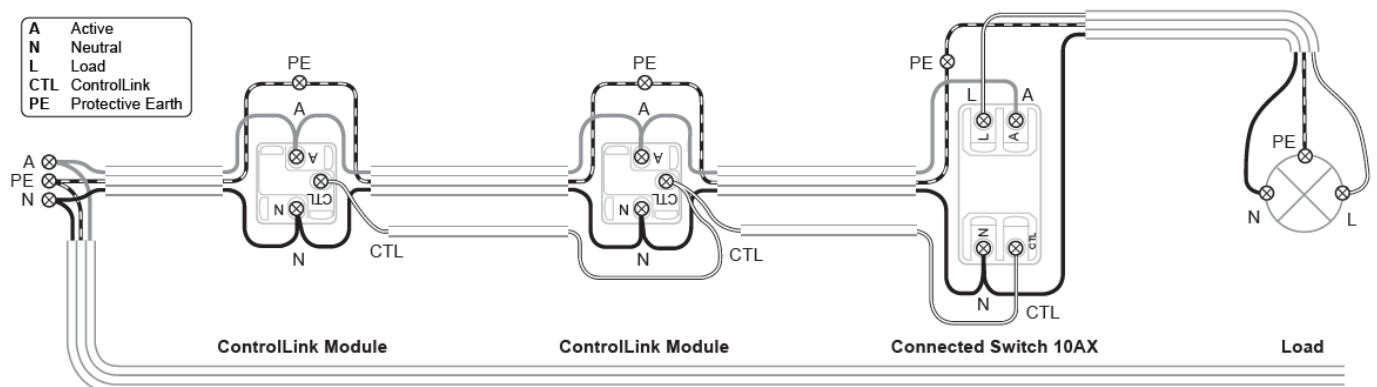22 mm · 22 mm · 34 mm · 48 mm · 22 mm · 24 mm

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**
- 1/10 A
- 2/7.5 A
- 3/6.5 A

Cabling and connections
(Typical 3-way installation using Iconic Connected Module)
Note: Set the ControlLink Module to Switch mode – see ControlLink Module instructions

A	Active
N	Neutral
L	Load
CTL	ControlLink
PE	Protective Earth

ControlLink Module   ControlLink Module   Connected Switch 10AX   Load

Notes:

- All Active connections must be on the same phase.
- Up to 5-way switching (e.g. 1x 10AX Switch plus up to 4x ControlLink Modules, or up to 3x 10AX Switches plus 2x ControlLink Modules). In case of multiple 10AX Switches being installed, each switch 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)
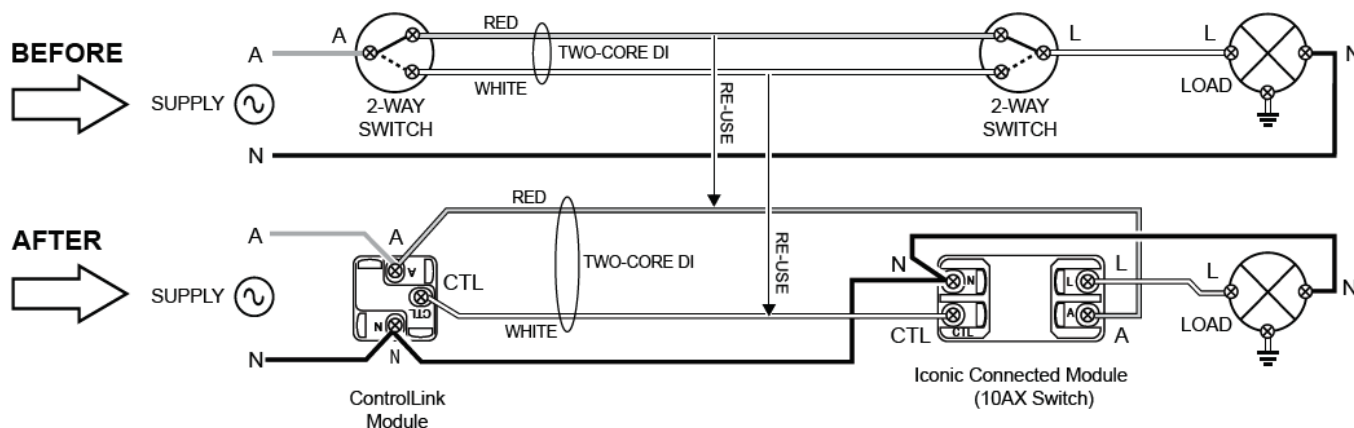
## Configuring the module (optional)

General information

This product operates as a switch 'out-of-the-box', with no configuration needed. The module can optionally be configured as a delay timer/run-on timer, and features a scheduler function. The module LED indicator behaviour 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.
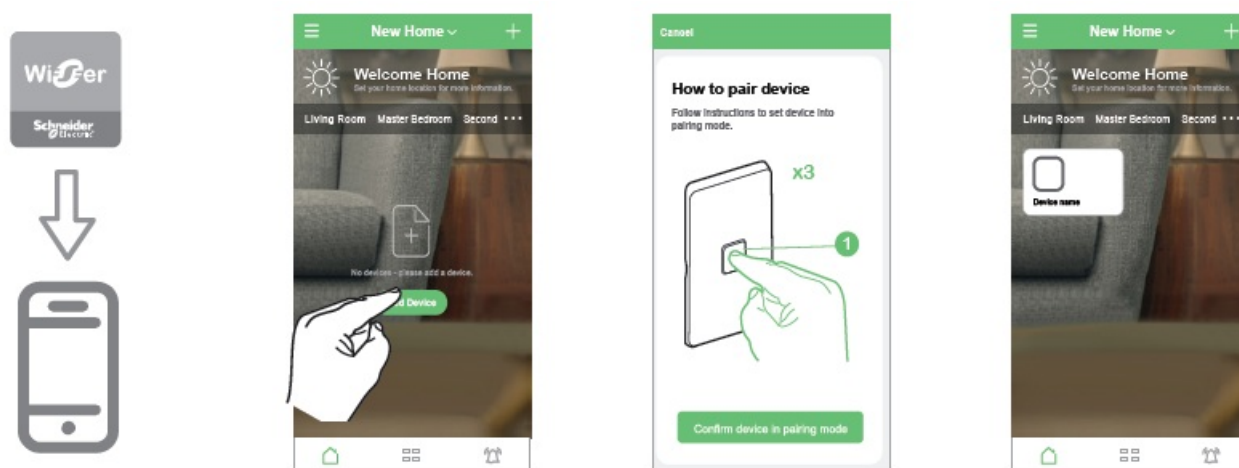

1. 1 Install the Wiser by SE App on your mobile phone and register an account.

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
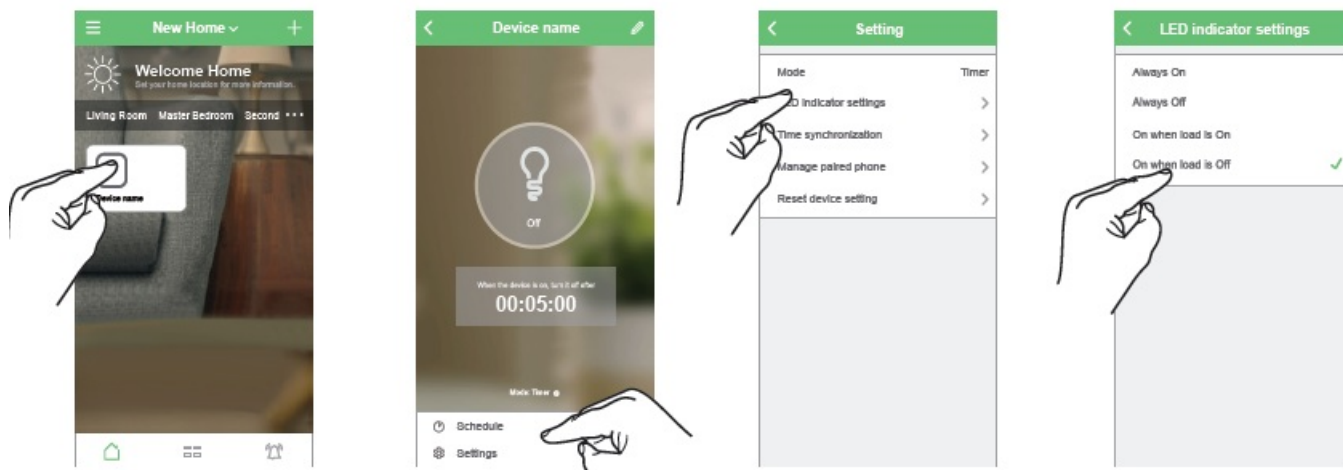
1. Tap the module in the Home page.

2. Tap Settings in the module's device Page

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

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

Setting the mode and timer type
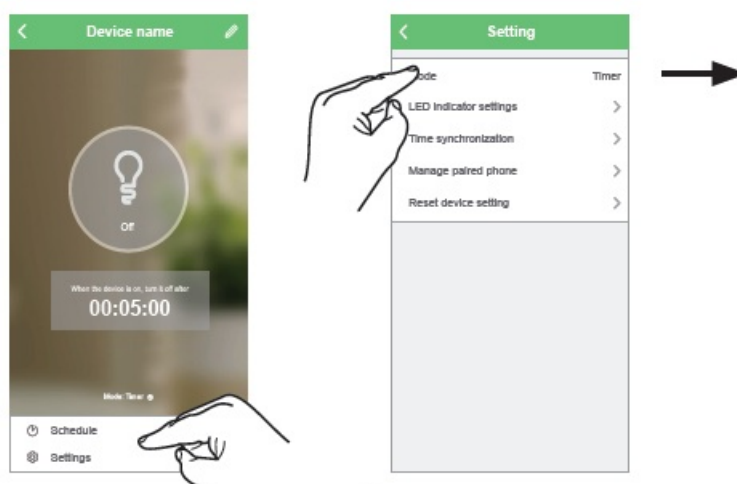
1. Tap Settings in the module's device page.

2. Tap Mode in the device setting page and choose from the available options.

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)

(Run-on timer option):
When the load is switched On and then Off, power is maintained to the load for the duration of the timer interval and then switched Off. (Example application: bathroom exhaust fan)
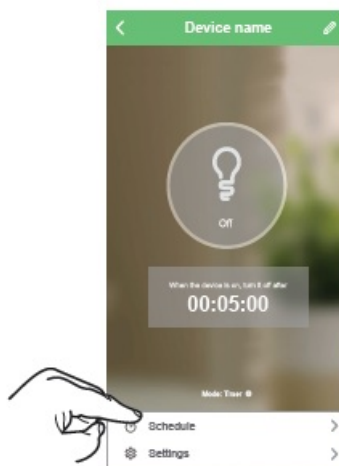

Note: If a delay timer is running when a scheduler event (switch On or switch Off) is actioned, the delay timer is cancelled.

Setting the timer interval
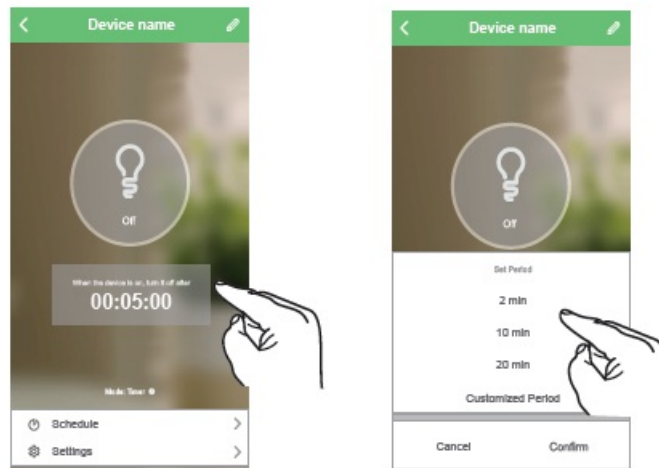
1. Tap the timer display in the module's device page.
2. Select a time interval from the available options, then tap Confirm.

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
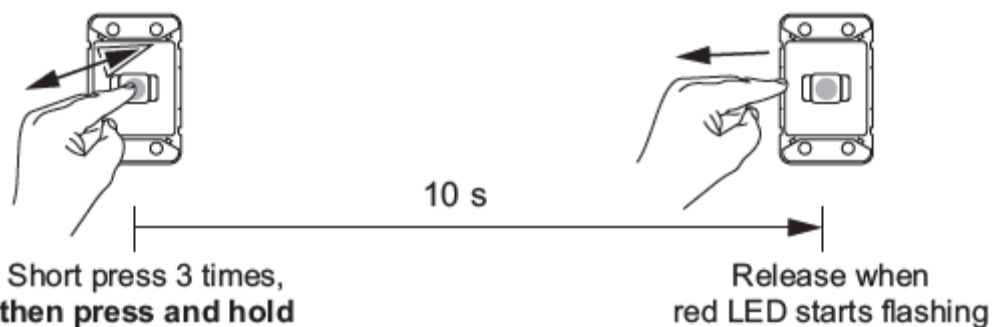
Preparing the device for use with Wiser Hub

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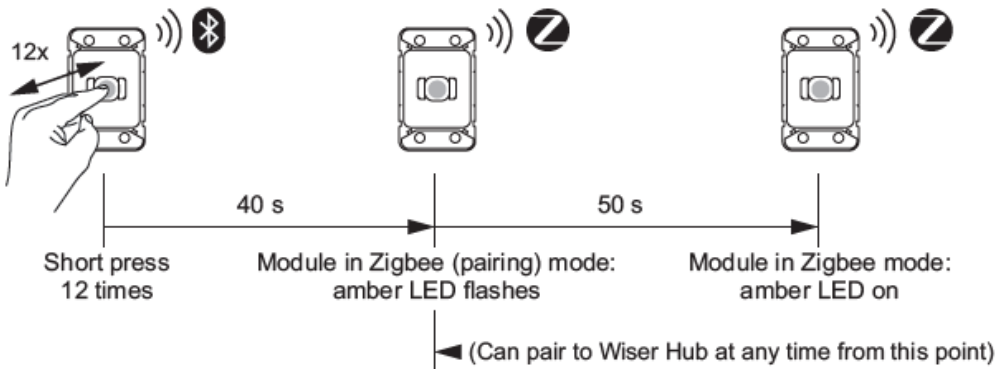
For information on using the module with the Wiser Hub, refer to the Wiser System User Guide.

Technical data

Note: See product datasheet for full specifications.

Operating voltage	220–240 V a.c., 50 Hz
Max load rating	15 A. Refer to Load Compatibility table
Switching technique	Relay
Protection	Over temperature: Yes Short circuit: No Over-current fuse: No Thermal protection: Yes
Design	3-wire
Multiway control	Yes, via ControlLink

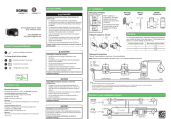|	
Multiway limits	Max. 5-way switching
ControlLink/Active cable limit	Total length of CTL and Active loop: max. 50 m
LED indicator	Yes
Supported protocols	BLE (default), Zigbee
Compatible plate ranges	Iconic, Iconic Styl, Iconic Essence, Pro Series
Mounting centres	84 mm pattern plate
Compliance	Safety: 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

Load compatibility

Resistive load (e.g. incandescent lighting)	15 A
MV halogen load	10 A
Electronic LV lighting transformers	
LED lighting drivers	
Linear fluorescent ballasts	
Inductive load (e.g. exhaust fan)	6 A @ 0.6 PF
M-rating	M.40

Disclaimer

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Documents / Resources

 Schneider 41E10PBSWM-VW Iconic Push Button Wiser Electronic Switch [pdf] User Guide
41E10PBSWM-VW, PDL356PB10MBTW-VW, Iconic Push Button Wiser Electronic Switch

References

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