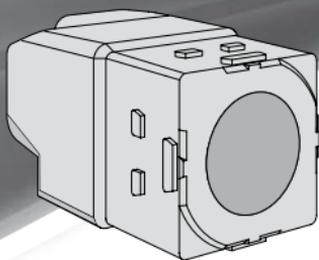


CLIPSAL[®]

by **Schneider Electric**



by **Schneider Electric**



Iconic Series ControlLink Pushbutton

41EPBM-VW
PDL356PBSS-VW



Installation Instructions

REGISTERED DESIGN

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Warnings

Read through the following instructions carefully and familiarise yourself with the device prior to installation, operation and maintenance. The warnings listed below can be found throughout the documentation and indicate potential risks and dangers or specific information that clarifies or simplifies a procedure.



The addition of this symbol to the “Danger” or “Warning” safety instructions indicates an electric danger that could result in serious injuries if the instructions are not followed.



This symbol presents a safety warning. It indicates a potential danger of personal injury. Follow all safety instructions with this symbol to avoid serious injuries or death.

DANGER

DANGER indicates an imminently hazardous situation that will inevitably result in serious or fatal injury if the instructions are not observed.

WARNING

WARNING indicates a possible danger that could result in death or serious injuries if it is not avoided.

CAUTION

CAUTION indicates a possible danger that could result in minor injuries if it is not avoided.

NOTICE

NOTICE provides information about procedures that do not represent the risk of any physical injury.

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1 For Your Safety

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

It is illegal for persons other than an appropriately licensed electrical contractor 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.
- There are no user serviceable parts inside the product.

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

WARNING

RISK OF ELECTRIC SHOCK

Hazardous voltage and electrical current may be present at the wire leads and outputs of this product even when the device is switched off.

- Lock out and tag the input circuit before accessing the wiring connections.

Failure to follow these instructions can 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 perform insulation tests on this product.
- Do not use this product for any other purpose than specified in this instruction.

Failure to follow these instructions can result in minor injuries, or equipment damage.

2 Product Range

The Clipsal Iconic range includes a number of modular electronic switches, dimmers and timers/timeclocks incorporating advanced remote load control technology with Multi-Way dimming/switching capabilities.

The range also includes a selection of USB charging mechanisms.

Complimenting the range are Parts Packs (available separately) in various colours to complement the installation decor.

3 Description

3.1 About ControlLink

ControlLink is a technology, available only in the Iconic range, that makes it easier for installers to configure multi-way switching and dimming using standard electrical wiring techniques. Using a single control wire, loads can be controlled remotely and timers triggered to allow run-on timer and similar applications.

3.2 Locking Bar

The Iconic range includes a new patented locking bar feature to secure the mechanism body to the mounting plate. The mechanisms are also easier to remove from the plate using this new mounting technique.

3.3 Combination Square / Phillips Drive Terminal Screws

Iconic mechanisms feature terminal screws with combined Square Drive / Phillips Drive heads, providing installers with the advantages of the Square Drive while retaining the commonality of the Phillips Drive.

3.4 ControlLink Pushbutton

The Iconic ControlLink Pushbutton is a simple secondary 2-wire low current (max. 50 mA) momentary switch that can be used to easily add multi-way switching/dimming to selected products in the Iconic range that support ControlLink. ControlLink Pushbuttons can be used to remotely control Iconic Pushbutton Electronic Dimmers, Electronic Switches, Timers/Timeclocks via the included ControlLink (CTL) terminal.

4 Features

- Integrally switched pushbutton (tactile) control
- Suitable for multi-way dimming and switching when used with Iconic Pushbutton Electronic Dimmers, Electronic Switches, Timers/Timeclocks
- Multi-gang capacity up to 6 mechanisms per plate
- Easy wiring using onboard integral terminals with unique combination Square Drive / Phillips Drive terminal screws
- Wide range of plate and button colour variants available
- Complies with Australian, New Zealand and International EMC Standards

5 Unit Operation

The ControlLink Pushbutton provides a simple signal to primary control devices such as Pushbutton Dimmers, Electronic Switches, Timers and Timeclocks that support ControlLink. This is achieved using conventional multi-way wiring practices (i. e. no special cabling required).

5.1 LED Indicator

Iconic pushbutton units do not have LED indicators.

Note: The ControlLink Pushbutton cannot be used to place a connected Iconic device into Configuration Mode.

6 Advanced Load Handling Facilities

NOTICE

EQUIPMENT DAMAGE HAZARD

The ControlLink Pushbutton is an ultra low current (max. 50 mA) device.

- Never connect the ControlLink Pushbutton directly to a load.
- Never connect the ControlLink Pushbutton directly to Neutral.
- Only connect the ControlLink Pushbutton to the ControlLink terminal of a compatible Iconic ControlLink device.
- Do not use the ControlLink Pushbutton for any other purpose.

Failure to follow these instructions may result in damage to the Control-Link Pushbutton and connected equipment.

The Iconic ControlLink Pushbutton is designed to pass Active at very low current (max. 50 mA) to the ControlLink terminal of a connected Iconic device.

The ControlLink Pushbutton does not include any Load Handling capabilities and should therefore never be connected directly to a load.

7 Overload Protection

The Iconic ControlLink Pushbutton is a simple no-load device designed as a signal actuating device only and not a load controlling device. As such, the ControlLink Pushbutton has limited, Overload Protection that will operate if the rated current is exceeded for a short period.

NOTICE

EQUIPMENT DAMAGE HAZARD

Extended current or short circuit conditions will destroy the unit.

- Never connect the ControlLink Pushbutton directly to a load.
- Never connect the ControlLink Pushbutton directly to Neutral.
- Only connect the ControlLink Pushbutton to the ControlLink terminal of a compatible Iconic ControlLink device.
- Do not use the ControlLink Pushbutton for any other purpose.

Failure to follow these instructions may result in damage to the Control-Link Pushbutton and connected equipment.

8 Installation Requirements

WARNING

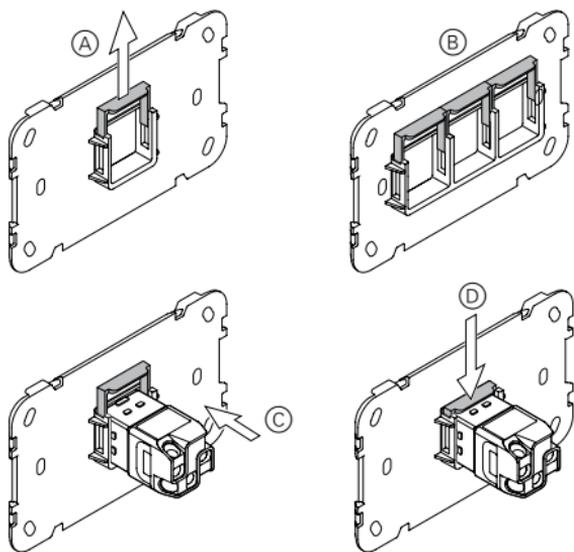
RISK OF ELECTRIC SHOCK

Hazardous voltage and electrical current may be present at the terminals of this product even when the device is switched off or dimmer controls set to zero brightness level.

- Lock out and tag the input circuit before accessing the wiring connections.

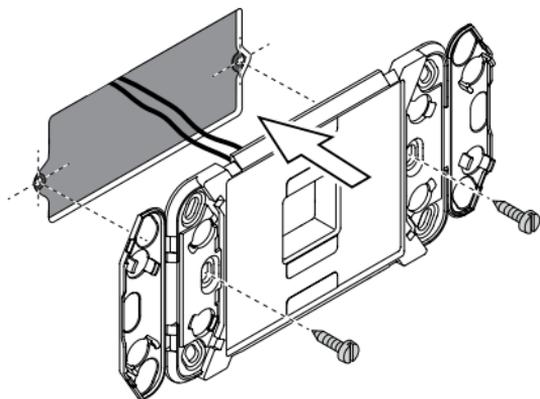
Failure to follow these instructions can result in death or serious injury.

8.1 Fitting the ControlLink Pushbutton to the Plate



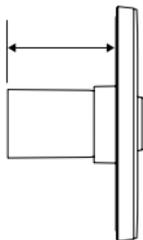
- ① On the plate, move the locking bar (A) to the Open position.
Note: On multi-gang plates, the locking bar is a single piece covering all cutouts (B).
- ② Push the head of the ControlLink Pushbutton into the plate cutout (C) until the ControlLink Pushbutton clicks into place.
- ③ Once the mechanism is installed in the plate (or all mechanisms for multi-gang plates), move the locking bar to the Closed position (D).

8.2 Fitting the Plate

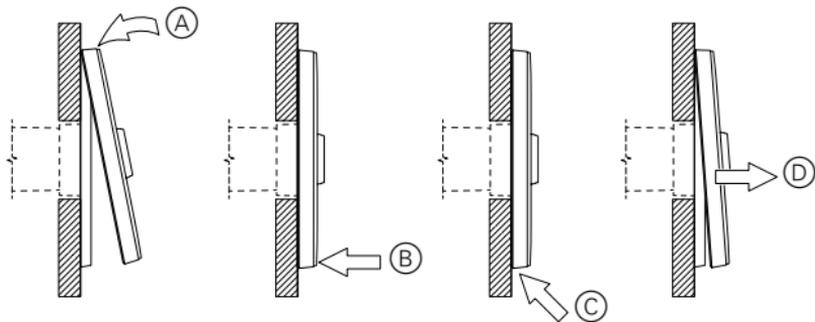


NOTICE

Allow a minimum **35 mm** depth in the wallbox / wall cavity to recess mechanisms and wiring.



8.3 Fascia Installation and Removal



Installation

- ① Place the upper section of the fascia against the upper section of the plate, as shown in (A).
- ② Apply pressure to the bottom section of the fascia (B) so that the fascia "snaps in" to the plate.

Removal

- ① Insert the flat tip of a plastic tool into the slot located at the centre of each long edge of the fascia (C).
- ② Gently prise the fascia edge away from the plate (D) until the clips release the fascia.

9 Wiring Diagrams

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

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- 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.
- There are no user serviceable parts inside the product.

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

WARNING

RISK OF ELECTRIC SHOCK

Hazardous voltage and electrical current may be present at the terminals of this product even when the device is switched off or dimmer controls set to zero brightness level.

- Lock out and tag the input circuit before accessing the wiring connections.

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

NOTICE

RISK OF EQUIPMENT DAMAGE OR MALFUNCTION (WIRING CONNECTIONS)

To avoid damaging the equipment and possibly voiding the warranty:

- Do not connect the load terminals of multiple Primary Units in parallel.
- Do not connect a Remote Unit to the load.
- Always wire ControlLink Units to the same circuit and phase as the Primary Unit.
- Test operation during installation and correct any wiring errors immediately.
- Keep cable insulation away from the sides of the enclosure to avoid possible damage or long term degradation of the cable insulation.

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

NOTICE

EQUIPMENT DAMAGE HAZARD

The ControlLink Pushbutton is an ultra low current (max. 50 mA) device.

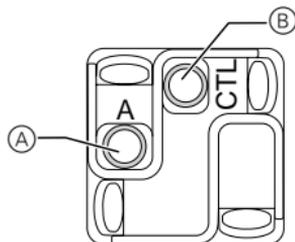
- Never connect the ControlLink Pushbutton directly to a load.
- Never connect the ControlLink Pushbutton directly to Neutral.
- Only connect the ControlLink Pushbutton to the ControlLink terminal of a compatible Iconic ControlLink device.
- Do not use the ControlLink Pushbutton for any other purpose.

Failure to follow these instructions may result in damage to the ControlLink Pushbutton and connected equipment.

9.1 Connection Limitations

Multiple ControlLink Pushbuttons can be connected to a single Primary Unit, allowing for multiway control of the load however, a maximum total cable length of 30 metres is permitted.

9.2 Overview



- Ⓐ Active (A)
- Ⓑ ControlLink (CTL)

About the ControlLink Terminal

Connect the output of the Iconic ControlLink Pushbutton to the ControlLink terminal of any Iconic compatible Pushbutton Dimmer, Electronic Switch, Timer or Timeclock to provide remote switching and dimming.

Iconic products with switch/dimming capability recognise both momentary Active (short press = switch) and applied Active (long press = dimmer) on the ControlLink terminal and operate accordingly.

9.3 Multi-Gang Derating

There are no derating requirements for the ControlLink Pushbutton unit.

10 Electrical Specifications

10.1 Electrical Specification Notes

- Specifications typical @ 240 V AC, 25 °C
- Suitable for indoor use only
- No user-serviceable parts inside.

10.2 Electrical Specifications

Parameter	41EPBM-VW / PDL356PBSS-VW
Nominal Operating Voltage	220–240 V AC
Nominal Operating Frequency:	50 Hz
Maximum Load Rating	max. 50 mA
Switching Technique	Tactile Pushbutton
Wiring Configuration:	
• Terminals	(A) Active Terminal (CTL) ControlLink Terminal
Short Circuit Protection	Limited resettable overload protection
LED Indicator	NO
Multi-Way Control	YES (Multi-way Control when used in conjunction with compatible Iconic device)
Multi-Gang Plate Capacity	Maximum 6 Mechanisms per Plate, Combinations Allowed
Available Plate / Control Styles	Iconic Style, Standard and Architrave Options, Colour Packs for Pushbutton Caps and Plates: Vivid White (VW), Warm Grey (WY), Cool Grey (CY), Anthracite (AN)
Mounting Centres	84 mm Australian Pattern Plate

11 Warranty

Schneider Electric (Australia) Pty Ltd, (Clipsal by Schneider Electric), warrants this product to be free from defects in materials and workmanship for a period of two years from the date of installation. The benefits conferred herein are in addition to any other rights and remedies you may have at law in respect to this product. Australian and New Zealand customers please see the notes below.

Australia

Australian Consumer Law specifies that our goods come with guarantees that cannot be excluded. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

New Zealand

This guarantee is in addition to and does not affect your rights under applicable law, except where that law expressly provides otherwise. The Consumer Guarantee Act 1993(NZ) will not apply if this product is purchased for the purpose of business.

This warranty is expressly subject to the Schneider Electric product being installed, wired, tested, operated and used in accordance with our instructions and specifications. Any alterations or modifications made to the product without our permission will void the warranty. Schneider Electric will at its option repair, replace or refund any defective product. The cost of replacement or repair of a defective product is limited to the price of the product only. Schneider Electric will not be responsible for the cost of retrieving, removing, reinstalling, transporting (including return of the defective product to us) or re-testing a product.

How to make a claim: You shall provide Schneider Electric with adequate particulars of the defect within 28 days of the fault occurring. Contact your local Schneider Electric, PDL or Clipsal products' supplier and provide the details of the date of purchase, description of load or connections and the circumstances of the failure. Returned products must be securely packed and labeled for proper processing.

CLIPSAL

by Schneider Electric

Australia

Schneider Electric (Australia) Pty Ltd

Customer Care Australia:

1300 369 233

Email:

customercare.au@schneider-electric.com

www.schneider-electric.com.au



by Schneider Electric

New Zealand

Schneider Electric (NZ) Ltd

38 Business Parade South, Highbrook,

East Tamaki, Manukau 2013

P.O. Box 259370 Botany, Manukau 2163

Telephone +64 9-829 0490

Fax +64 9-829 0491

After hours service hotline:

0800 735 4357 (New Zealand only)

Customer Care: 0800 652 999

Email: sales@nz.schneider-electric.com

www.schneider-electric.com

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