

Notes for Installation Drawings

- 1

Loosen the screws on the metal covers, and then swing the covers open to access the three mounting holes. When placing the unit, make sure that you allow enough space around the chassis for the cables. After marking the 3 places to drill in the wall, set the chassis aside.
- 2

Drill the 3 holes. Do not drill inside the chassis because debris and dust can fall inside the unit. The drill/debris may damage the internal components. Be sure to use fasteners that will securely attach the unit to the wall. The maximum diameter of the screws is 5 mm.
- 3

Depending on the lighting load to be attached, select a wiring setup that distributes the electrical load safely. The alternate LV wiring diagram is recommended if heavy relay loads are intended. Provide strain relief for cables as shown on the reverse side. Do not use rubber grommets to secure the LV wires.

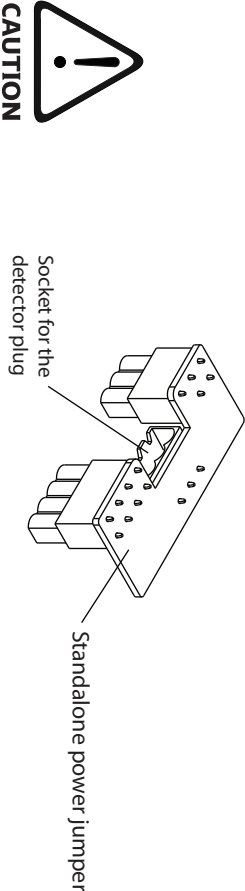
- 4

Refer to the Installation Instructions for a list of compatible motion detectors. Follow the detector instructions for placing the detectors and setting timers. Set the occupancy controller timers at this time. Segregate the C-Bus network cabling from the main power cables or lighting ballasts that could cause interference on the network. Follow the normal procedures for wiring networks.

The 5752PP Series units are shipped with a **Standalone Power Jumper**.

The power jumper lets you operate the 5752PP Series C-Bus Occupancy Controller as a standalone unit when the C-Bus network is not connected to the Occupancy Controller. To install the jumper, (1) disconnect the detector (Ctrl 1) plug from the circuit board, (2) plug the power jumper into the Ctrl 1 and C-Bus sockets on the circuit board and (3) insert the detector plug in the socket in the middle of the jumper.

When connecting the C-Bus network (1) remove the detector plug from the jumper, (2) remove the jumper and (3) install the C-Bus plug and the detector plug on the circuit board. Keep the standalone power jumper for future use.



The 24 V d.c. connections of the 5752PP Series units should never be connected to the C-Bus network. Equipment damage may occur.

Additional Information Sources

If you need technical assistance, contact Clipsal or Schneider Electric technical support. The e-mail address is located on the last page of this setup sheet.

Documentation and software downloads are available at <http://www.clipsal.com/cis/technical>

752PP Series Standalone Occupancy Controller
5752PP Series C-Bus Occupancy Controller

This setup sheet shows you how to do the basic steps to install the Occupancy Controller. Refer to the Installation Instructions for more detail and information about C-Bus network connections and programming, as needed.

752 Series Standalone Occupancy Controller			
Model	Number of Relays	Number of Sensor Inputs	Number of Auxiliary Switch Inputs
752PP/1R	1	1	1
752PP/2R	2	2	2
Note: There is an auxiliary input switch terminal, a sensor head terminal, and a relay fail safe mode switch associated with each relay. The Occupancy Controller provides power for the sensor head.			

5752 Series C-Bus Occupancy Controller			
Model	Number of Relays	Number of Sensor Inputs	Dimmer Interface
5752PP/1R	1	1	N/A
5752PP/2R	2	2	N/A
5752PP/2R/2D	2	2	2
There is an auxiliary input switch terminal, a sensor head terminal, a relay fail safe mode switch associated with each relay. The Occupancy Controller provides power for the sensor head.			

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- This equipment must be installed and serviced by qualified electrical personnel.
- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices that apply in your location.
- Turn off all electrical power supplying this equipment before working on or inside the equipment.
- Always use a properly rated voltage sensing device to confirm that power is off.
- Replace all devices, doors, and covers before turning on power to this equipment.

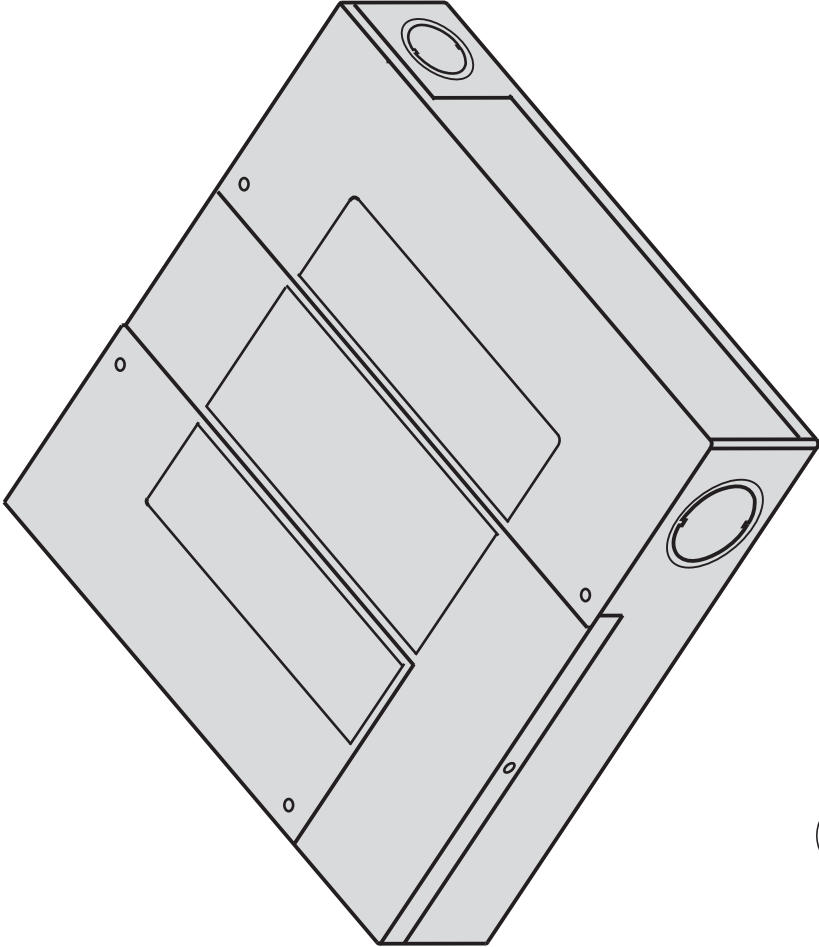
Failure to follow these instructions will result in death or serious injury.

Do not exceed device ratings. Obey all labels and warnings on the unit.



Setup Sheet

Standalone Occupancy Controller
5752PP/xR Series
C-Bus Occupancy Controller
5752PP/xR/xD Series



by Schneider Electric



Technical Support email: cis.support@clipsal.com.au

For further assistance in using this product, consult your nearest Clipsal or Schneider Electric sales representative or technical support officer.

clipsal.com

Clipsal Australia Pty Ltd
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Contact us at:
<http://www.clipsal.com/feedback>

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The warrantor is Schneider Electric with offices worldwide.

The Schneider Electric product is guaranteed against faulty workmanship and materials for a period of two (2) years from the date of installation.

Schneider Electric reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.

This warranty is expressly subject to the Schneider Electric product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions. Any alterations or modifications made to the product without permission of Schneider Electric might void the warranty.

Schneider Electric shall meet all costs of a claim. However, should the product that is subject to the claim be found to be in good working order, all such costs shall be met by the claimant.

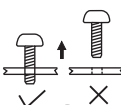
When making a claim, the consumer shall forward the Schneider Electric product to the nearest Schneider Electric office. Provide adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details and place of purchase, description of load, and circumstances of malfunction.



HAZARDOUS VOLTAGE

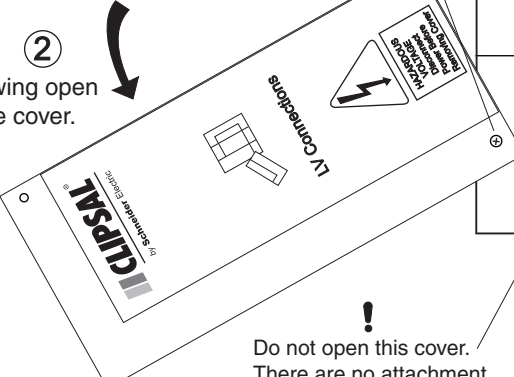
Isolate Mains Before Wiring the Equipment

There could be multiple LV circuits connected to this device.



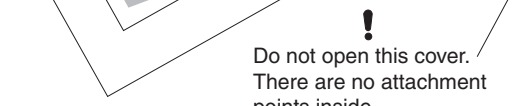
1

Loosen screws. Do not remove.



2

Swing open the cover.

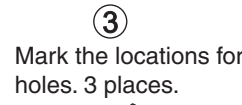


Do not open this cover. There are no attachment points inside.



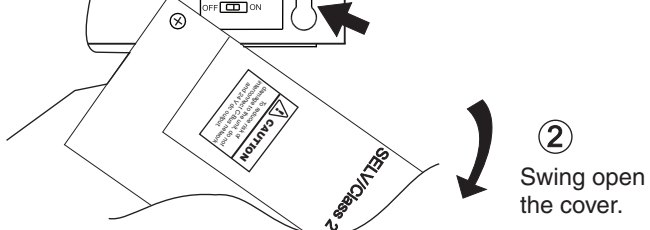
Important Notice

Make certain that the occupancy controller is securely fastened to a solid surface before you connect any wires or cables.



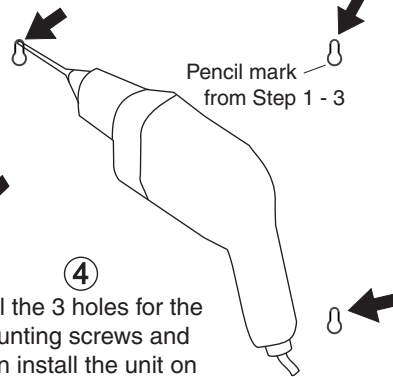
3

Mark the locations for holes. 3 places.



2

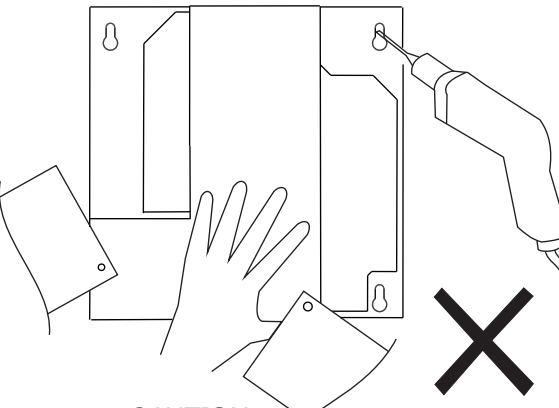
Swing open the cover.



2

Drill the 3 holes for the mounting screws and then install the unit on the wall.

USE EYE PROTECTION

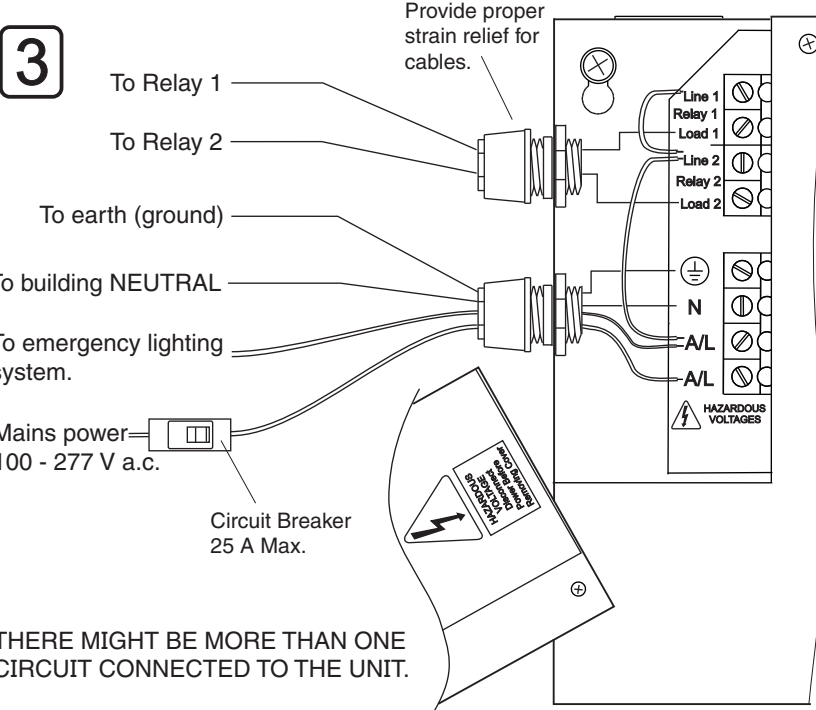


4

Drill the 3 holes for the mounting screws and then install the unit on the wall.

CAUTION

Do not drill inside the chassis.



3

To Relay 1

To Relay 2

To earth (ground)

To building NEUTRAL

To emergency lighting system.

Mains power— 100 - 277 V a.c.

Circuit Breaker 25 A Max.

Provide proper strain relief for cables.

HAZARDOUS VOLTAGES

THERE MIGHT BE MORE THAN ONE CIRCUIT CONNECTED TO THE UNIT.



HAZARDOUS VOLTAGE

Disconnect Power Before Removing Cover

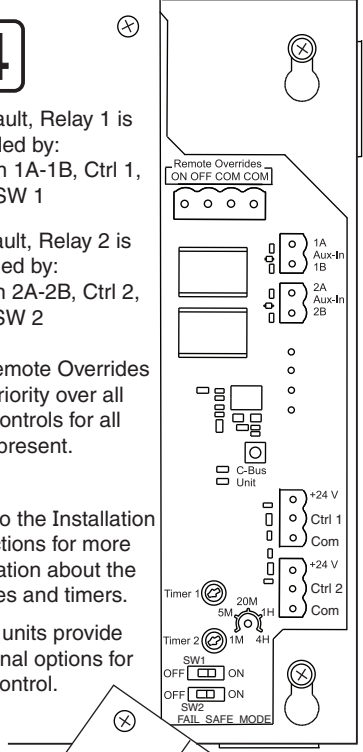
Isolate and lock out the mains circuits before wiring the unit.

Use input protection devices that do not exceed device load ratings.

The unit must be properly earthed (grounded).

The relay LINE connections can be made to separate circuits as shown below.

ALL LV WIRING MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN.



4

By default, Relay 1 is controlled by: Aux-In 1A-1B, Ctrl 1, and SW 1

By default, Relay 2 is controlled by: Aux-In 2A-2B, Ctrl 2, and SW 2

The Remote Overrides have priority over all other controls for all relays present.

Refer to the Installation Instructions for more information about the switches and timers.

C-Bus units provide additional options for relay control.

Provide strain relief for cables.

Aux Input e.g., switch, photocell, or pushbutton

Timer 1 is associated with Aux-In 1 and Timer 2 is associated with Aux-In 2

Motion Detector (752/CP PIR detector shown here)

Refer to the Motion Detector Instructions for wiring details.

You can modify the default relay control settings using C-Bus. Refer to Toolkit Help files and the Installation Instructions.

Aux Input e.g., switch, photocell, or pushbutton

C-Bus + blue orange

C-Bus - blue & white orange & white

For connection to Clipsal C-Bus system only.

Standalone Power Jumper

Motion Detector (752/CP PIR detector shown here)

Refer to the Motion Detector Instructions for wiring details.

752PP Series SELV/Class 2 connections

5752PP Series SELV/Class 2 & C-Bus connections

5752PP Series C-Bus Occupancy Controller

752PP Series Standalone Occupancy Controller

	Relay Fail-Safe Modes			
	SW1		SW2	
	OFF	ON	OFF	ON
Relay 1	N/O *	N/C	—	—
Relay 2	—	—	N/O *	N/C

* Factory default settings

Dual Knockout Size – Conduit Compatibility

Size	International	USA
21.8 mm	20 mm	1/2 inch
27.8 mm	25 mm	3/4 inch



TWO YEAR WARRANTY



CE

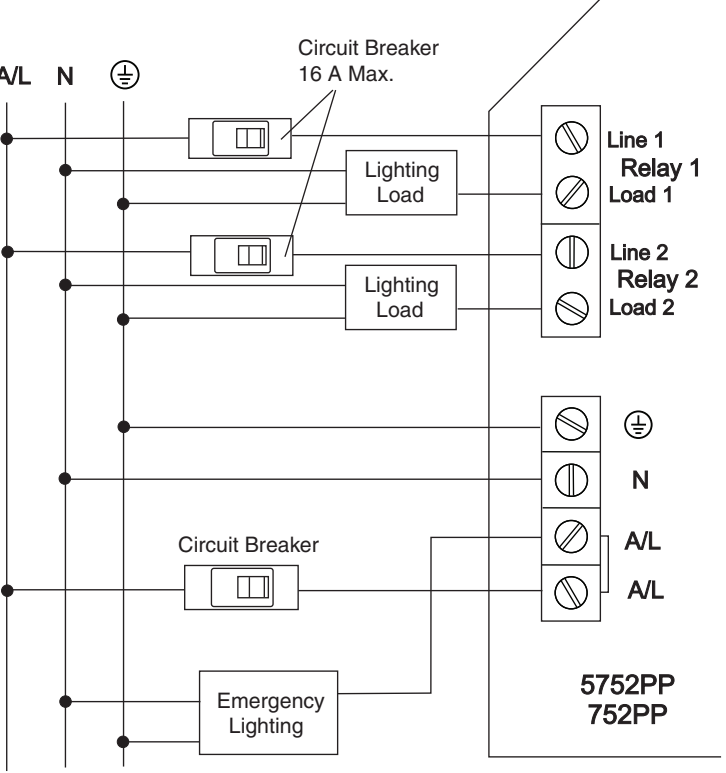


UL LISTED



FCC

Alternate LV Wiring Method



A/L N

Circuit Breaker 16 A Max.

Lighting Load

Line 1 Relay 1 Load 1

Line 2 Relay 2 Load 2

N

A/L

A/L

Emergency Lighting

5752PP 752PP

Do not exceed device ratings. Refer to the chassis label.