

CLIPSAL[®]

by **Schneider** Electric

C-Bus[®]



Occupancy Control

A cost effective sensor control solution

clipsal.com



Maximise detection, control & energy efficiency

Ultimate scalability that saves you money

The C-Bus Occupancy Controller is available in one or two zone models that can connect up to three motion detectors per zone – making it perfect for application in irregular spaces. Network enabled with a combined input/output unit, the Occupancy Controller can operate as a standalone unit for all standard applications or in combination with C-Bus to control more complex solutions, providing a system that can be expanded at any time with ease.

Configurable to suit your environment

Suitable for many commercial applications like meeting rooms, stairwells, open-plan office environments, car parks and washrooms, Clipsal's Occupancy Controller provides additional user benefits such as corridor linking, four-way join modes for meeting rooms, scene control and dimming capability on some models. Timers associated with each input switch can be set from one minute to four hours, with the option to override the timed occupancy using on-wall switches, to ensure lights are not left on when the room is vacated.

Dual technology to enhance sensitivity

The task for this type of device has two equally important requirements, to detect occupancy and bring on lighting when required, but equally important is to correctly detect vacancy and turn off lights only when the space is truly empty. The challenge is to detect people walking into an area, large rapid movement and also not fail to detect the person sat quietly typing at their desk.



A cost effective sensor control solution to suit many applications such as parking, stairwells, meeting rooms, washrooms and general office areas.

Proven reliable detectors

Compatible Clipsal motion detectors utilise passive infrared (PIR) technology for larger motion detection and ultrasonic motion detection, for smaller more subtle motion detection, or a combination of both. Detectors are available in 180 degree to 360 degree options and are offered in ceiling or wall mount options.

Quick, easy and simple installation

The Occupancy Controller can be quickly and easily installed by an electrician into a service enclosure, ceiling space or plenum with no need for additional containment. The unit is pre-programmed and will work out of the box, and has been designed with space for additional cabling if required and separate SELV and LV components to enable modifications to be made later by a controls specialist if required.





Highest quality standards

The use of the Clipsal Occupancy Controller in a commercial space will assist to achieve global building compliance standards and earn credit points for building efficiency ratings (NABERS and Green Star) through more efficient energy use. The product complies with international voltage standards (on mains supply voltage 100-277V a.c.) and comes with a two year warranty.

Controller Specifications

	C-Bus Controllers 5752PP Series	Standalone Controllers 752PP Series
Maximum units per C-Bus network	80	Not applicable
Ballast control power supply (5752PP/2R/2D)	Analogue: 1-10V d.c. 200mA DSI: 0-12V d.c. 200mA DALI Broadcast: 0-12V d.c. 250mA	Not applicable
Maximum ballasts per control (57PP/2R/2D)	100 for DALI or DSI 50 for 0-10V analogue	Not applicable
Mains supply voltage	100-277V a.c. @ 50-60Hz	
Motion detector power supply	Power output 280mA (140mA per detector connection)	
Power supply rating	24V d.c. SELV/Class 2	
Relay rating	Fluorescent, capacitive (IEC 60669-2-1): Resistive: Incandescent/Tungsten: Fluorescent (UL) standard ballast (inductive 0.4-0.5 pf):	16AX at 277V a.c. 16A at 277V a.c. 12A at 277V a.c. 16A at 277V a.c.
Maximum operating temperature	50°C (122°F) approved for use in a plenum	
Operating humidity	10 to 90% RH (non-condensing)	
Dimensions (H x W x D)	203mm (8.0 in.) x 200mm (7.87 in.) x 60mm (2.36 in.)	

Standards Complied

Australian/New Zealand EMC & Electrical Safety Frameworks and Standards		EMC	AS/NZS CISPR 14-1, AS/NZS CISPR 15
		Electrical Safety	IEC 60669-2-1
European Council Directives and Standards		EMC Directive 2004/108/EC	EN 60669-2-1 Clause 26.1, 26.2
		Low Voltage Directive 2006/95/EC	EN 60669-2-1
		RoHS Directive 2002/95/EC	
U.S. FCC Regulations		FCC Title 47	Part 15, Class B Digital Device
Underwriters Laboratories		Underwriters Laboratories	UL/cUL Listed UL 916 (PAZX / PAZX7) Energy Management Equipment CSA C22.2 No. 205 - Signal Equipment

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

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

Clipsal Australia Pty Ltd

A member of Schneider Electric

Contact us at:

<http://www.clipsal.com/feedback>

clipsal.com

Schneider Electric reserves the right to change specifications, modify designs and discontinue items without incurring obligation. Every effort is made to ensure that the descriptions, specifications and other information in this document are correct. Schneider Electric does not warrant that the information is fit for any particular purpose, nor does it endorse its use in applications that are critical to the health or life of any human being. Schneider Electric reserves the right to update the information at any time without notice.

Clipsal and C-Bus are registered trademarks of Schneider Electric. All other trademarks are property of their respective owners.

© Copyright by Schneider Electric. All rights reserved.