



23°C fine



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# 365 day forecast... 23°C fine



# Enjoy the Great Indoors all Year Round

Enjoy the perfect temperature all year round with Clipsal's new range of C-Bus Thermostats. Clipsal's new C-Bus Thermostats are programmable thermostats that will control heating, ventilation, and air conditioning (HVAC) equipment.

No matter the temperature outside its always fine indoors with Clipsal's new range of C-Bus Thermostats.

## Climate Control at the Touch of a Button

The Clipsal Thermostat range allows the user to manually set the mode of operation (heating, cooling and ventilation) as well as control fan speed and setback or economy modes. The easy to use operator interface includes an integral LCD to display the current temperature and mode of operation. Thermostat is compatible with equipment that supports SELV contact (RWG) control.

## Features

- Support for control of HVAC units via C-Bus or internal relays ('RWG' control)
- Control of up to four switched Zones for ducted systems plus the common zone (4 zone unit only)
- 7 day programmable HVAC schedules (4 zone unit only)
- Support for remote temperature sensing by other C-Bus devices
- Optional manual fan speed (for HVAC plant that supports variable fan speeds)
- Setback capability for reducing energy consumption.



## Installer Benefits

- C-Bus Network Device
- Configurable backlighting of unit
- Local or remote C-Bus Relay Control
- Local or remote C-Bus Temperature Sensor
- All cable terminations are on the mounting baseplate (control unit is plug-in to the wired baseplate)
- Unit is powered through C-Bus
- Control of evaporative, hydronic, reverse cycle, heat pumps and furnaces are possible through the relay control
- Master/slave configuration for multiple units
- Temperature Guard option to protect against building heat or frost damage when the building is not occupied.

## User Benefits

C-Bus Thermostats enable your air-conditioning or heating to intergrate seamlessly with the C-Bus network and in turn, your whole home automation network. Some of these benefits include:

- Display the current time and day zones operate and allow the user to set them.
- Display the temperature of the zone in which it is installed.
- Allow the user to manually set the temperature for the air conditioning system.
- Allow the user to select the type of air conditioning, i.e. heating, cooling, ventilation.
- Provide a pre-programmed array of set points that define the set temperature for a given time of the day.
- Provide a method of manually customising the operation of the C-Bus Programmable Thermostat.



## Electrical Specification

Parameter	Description
C-Bus Supply Voltage	15-36V dc, 40mA Does not provide current to the C-Bus Network
C-Bus AC Input Impedance	50kΩ @ 1kHz
Relays (5070THPR model)	Each relay rated at 2A @24V ac 3750V Isolation between terminals and C-Bus
C-Bus Connection	One terminal block to accommodate 0.2 to 1.3mm <sup>2</sup> (24 to 16 AWG)
Temperature Sensor Accuracy	±0.5 °C (±0.9 °F)
C-Bus System Clock	Software selectable
Network Burden	Software selectable
Operating Temperature	-10 to 50 °C (14 to 122 °F)
Operating Humidity Range	10 to 95% R.H.



## Mechanical Specification

Parameter	Description
Dimensions (W x H x D)	150 x 105 x 32mm 127 x 92 x 27mm
Mounting Centres	84 mm (horizontal) 60.3 mm (vertical)
Weight (Models with Stainless Steel Fascia)	5070THBSS: 265 g 5070THBRSS: 280 g 5070THBSS: 265 g 5070THBRSS: 280 g



## Product Range

Single Zone Thermostat	Cat No.
Single Zone Thermostat complete with 5 relays for RWG plant control only, white fascia, Saturn style	<b>5070THBRPG, WE</b>
Single Zone Thermostat complete with 5 relays for RWG plant control only, black fascia	<b>5070THBR, BK</b>
Single Zone Thermostat complete with 5 relays for RWG plant control only, stainless steel fascia	<b>5070THBRSS</b>
Single Zone Thermostat - No on-board relays, white fascia (Saturn style)	<b>5070THBPG, WE</b>
Single Zone Thermostat - No on-board relays, black fascia	<b>5070THB, BK</b>
Single Zone Thermostat - No on-board relays, stainless steel fascia	<b>5070THBSS</b>

4 Zone Thermostat with Programmable Time Scheduling	Cat No.
Programmable 4 Zone Thermostat complete with 5 relays for RWG plant control only, white fascia, Saturn style	<b>5070THPRPG, WE</b>
Programmable 4 Zone Thermostat complete with 5 relays for RWG plant control only, black fascia	<b>5070THPR, BK</b>
Programmable 4 Zone Thermostat complete with 5 relays for RWG plant control only, stainless steel fascia	<b>5070THPRSS</b>
Programmable 4 Zone Thermostat No on-board relays, white fascia saturn style	<b>5070THPPG, WE</b>
Programmable 4 Zone Thermostat No on-board relays, black fascia	<b>5070THP, BK</b>
Programmable 4 Zone Thermostat No on-board relays, stainless steel fascia	<b>5070THPSS</b>

Remote Temperature Sensor with broadcasting for four Thermostat	<b>5031RDTSL</b>
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### Product of Clipsal Australia Pty Ltd

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