

C-Bus Bus-Coupler



Actual Size

5104BCL Series

The Four Channel C-Bus Bus-Coupler unit is a Key Input device allowing connection of voltage free mechanical switches into the C-Bus system. The Learn Mode features are incorporated in this device, allowing a quick and easy way to program mechanical switches to achieve various control functions, such as: on/off, dimmer or timer.

The unit facilitates remote access to C-Bus via any dry contact switch mechanism, such as the Clipsal 30M Range, the Clipsal Heritage Range or the Clipsal 56 Series Range of Industrial Switches. In this way the user can mix and match 2000 Series, Standard Range, Heritage Range, Metal Plate or Prestige Series switch plates and 3rd party products with C-Bus. Alternatively, reed, pressure, micro or other switches may be used to enhance the system flexibility.

Being a C-Bus input device, the unit transmits messages to C-Bus output devices to control load states. All C-Bus switching commands are available via the Bus-Coupler, including: on, off, toggle, timer and dimming functions etc. Dimming operations are best achieved using a spring return type switch such as the Clipsal 30MBPR Bell Press mechanism.

The unit is designed to fit into standard Australian, British (deep) and South African wall box boxes.

Like all the other units that make up a C-Bus system, the C-Bus Bus-Coupler is Australian designed, developed and manufactured by Clipsal Integrated Systems Pty Ltd.

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5104BCL Series C-Bus Bus Coupler

- The unit is designed to operate from C-Bus.
- Four non-isolated inputs are provided for external switch inputs.
- The unit has a 2 way, removable terminal block for the C-Bus.
- The unit has an 8-way spring-loaded terminal block for connection of up to 4 external switches.
- Features 4 orange status LED's with similar functions to the LED's on C-Bus keypads.
- Includes C-Bus 2 Learn Enabled features.
- Consumes 18mA of current and is counted as one C-Bus unit on the Network.
- Does not source current to the C-Bus Network.
- Any type of insulated wire with a diameter no greater than 2mm may be used to connect between remote switches and Bus Coupler inputs.
- The maximum cable length between the Bus Coupler and the switch is 1 metre per channel.
- Can be programmed via a PC (Service Pack v2.1.5 or later) or by using C-Bus2 Learn mode functions.
- C-Bus Terminals Removable terminals for wire size 0.2 - 1.5 mm².
- Four Channel Input side spring loaded terminals for wire size 0.2 - 2.5mm².
- Dimensions: H=55mm, W=49mm, D=18mm.
- Weight: 32g.



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