

C-Bus One Channel Relay

C-Bus²

CLIPSAL
INTEGRATED SYSTEMS



5101R Series

The C-Bus One Channel Relay is a C-Bus output unit specifically designed for controlling individual light fittings in a C-Bus Network.

The C-Bus One Channel Relay incorporates a relay controlled switched active output for 'on/off' control of the load and 0 – 10V analogue output control of dimmable electronic ballast loads.

A manual override facility is available, enabling 'stand alone' operation of the unit in the event of a power loss on the C-Bus Network.

A programming mode can be used to configure the unit prior to connection of the mains supply.

With a 10A switch rating they are ideal for controlling fluorescent, incandescent and hi-bay lighting products in commercial and industrial areas.

The unit has been designed to fit neatly to the luminaires being controlled. This gives building managers control of individual lighting fixtures, resulting in maximum lighting design, flexibility and reduced power consumption.

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

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IBS Intelligent Building Series™

5101R Series C-Bus 1 Channel Relay

- Relay controlled switched active for 'on/off' control of the load.
- 0 – 10V output control of dimmable electronic ballast loads.
- Manual override facility, enabling 'stand alone' operation of the unit in the event of a power loss on the C-Bus Network.
- Does not consume any current from the C-Bus network during normal operation.
- Designed to meet Australian and European standards for EMC Compliance and Safety.
- Configured by the C-Bus Installation Software.
- Communication with other C-Bus devices and the supply voltage is obtained via a single C-Bus twisted pair cable.
- An inbuilt non-volatile memory retains programmed information of the unit in the event of a power failure
- Electrical isolation between the safe extra low voltage C-Bus side and the output is provided to maintain safety requirements.
- Dimensions: H = 39mm, W = 198mm, D = 42mm



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