

# C-Bus®

# CLIPSAL®

LIVING ELECTRICAL

## C-Bus® 4 Channel Auxiliary Switch Input Unit, DIN Rail Series



L5504AUX Series

The C-Bus® Four Channel Auxiliary Switch Input Unit, DIN Rail Series is a C-Bus® input unit, which provides four independent input channels to facilitate remote access to C-Bus® via a voltage free switch mechanism, such as the Clipsal 30M Range, the Clipsal Heritage Range or the Clipsal 56 Series Range of industrial switches.

This allows Standard Range, 2000 Series, Metal Plate or Prestige Series switch plates and 3<sup>rd</sup> party products to be used with C-Bus®. Alternatively, read, pressure, micro, or other switches may also be used to enhance the system flexibility.

The unit incorporates the C-Bus® 'Learn Mode' feature. Learn Mode allows the units to be programmed without the need for a PC connected to the system. Alternatively, the units can be programmed via a PC using the installation software.

For ease of installation the device is DIN rail mounted measuring 4M wide.

All C-Bus® switching commands are available via the unit including on / off, toggle, timer and dimming functions. Dimming operations are best achieved using a spring return type switch such as the Clipsal 30MBPR Bell Press mechanism.

The remote switches are electrically isolated from the C-Bus® Network by transformers on each channel input, located within the Auxiliary Switch Input Unit. There is no restriction on cable type between remote switches and the unit.

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**CLIPSAL**  
 **C-Bus**  
Control and Management System

## L5504AUX Series C-Bus® Four Channel Auxiliary Switch Input, DIN Rail Series

- Incorporates C-Bus2™ Learn Mode Feature
- Provides four channels to facilitate remote access to C-Bus® via any dry contact switch mechanism
- Remote switches are electrically isolated from C-Bus® by the use of transformers on each channel input located on the unit
- Accepts a wide variety of cable types and sizes up to 2.5mm<sup>2</sup> stranded cable
- Maximum switch plus cable resistance is 1000 ohms
- Incorporates four status indicators, one per channel
- Draws 18mA from the C-Bus® Network
- Designed to meet Australian and European standards for EMC Compliance and Safety
- Configured via either the C-Bus® Installation Software or via the C-Bus® Learn Enabled feature
- An inbuilt non-volatile memory retains programmed information of the unit in the event of a power failure
- Communication with other C-Bus® devices and the supply voltage is obtained via a single C-Bus® twisted pair cable
- Initiates a regular status report, which compares the status of all input and output units within the same C-Bus® 'Application Address'
- Dimensions, H = 85mm, W = 72mm, D = 65mm.

### Product of Clipsal Australia Pty. Ltd.

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