

C-Bus Four Channel Auxiliary Switch Input Unit, DIN Rail Series

C-Bus²

CLIPSAL
INTEGRATED SYSTEMS



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 3rd 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.

Like all other units that make up a C-Bus system, the C-Bus Four Channel Auxiliary Switch Input Unit, DIN Rail Series is Australian designed, developed and manufactured by Clipsal Integrated Systems Pty Ltd.

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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 2.5mm² 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

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