C-Bus®

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C-Bus® 4 Channel Analogue Output, DIN Rail Series

L5504AMP Series

The L5504AMP Series Analogue Output unit provides analogue output voltages in the range 0-10Vdc, which can be used as the control signals for various peripheral devices including electronically dimmable fluorescent lighting ballasts. For ease of installation they are DIN rail mounted, measuring 4 DIN modules wide.

The L5504AMP Series Analogue Output unit comprises of 0-10Vdc output controlled by instructions from the C-Bus® Network. The unit is capable of sinking or sourcing current as appropriate for the connected load. Each channel may drive multiple loads, depending on the load current requirements.

The units include the C-Bus® Learn Mode feature. This allows the units to be programmed without the need for a PC connected to the system. Alternatively, units can be programmed via a computer and the C-Bus® Installation software.

Local toggle buttons are included to allow individual channels to be toggled at each unit, as well as via C-Bus® commands. Remote ON and OFF facilities are available, permitting all channels to be turned ON or OFF without C-Bus® network communication.

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CLIPSAL
C-Bus
Control and Management System

L5504AMP Series C-Bus® Analogue Output

- 0-10Vdc output, can be used as control signals for various peripheral devices including electronically dimmable fluorescent lighting ballasts. Controlled by instructions from the C-Bus® Network

- DIN rail mounted, measuring 4 DIN modules wide

- Capable of sinking or sourcing current as appropriate for the connected load. Each channel may drive multiple loads, depending on the load current requirements

- Incorporates the C-Bus® Learn Mode feature

- Does not consume any current from the C-Bus® network during normal operation

- C-Bus® connections via 2 x RJ45 connectors, allowing similar units to be quickly looped together

- Capable of generating a C-Bus® clock signal and providing a C-Bus® network burden. Selectable through the C-Bus® Installation software

- Local toggle buttons allow individual channels to be toggled at each unit, as well as via C-Bus® commands

- Remote override facilities are available, permitting all channels to be turned ON or OFF without C-Bus® network communication

- Incorporates a C-Bus® and Unit indicator, showing the status of the C-Bus® Network and the status of the individual unit

- Incorporates an onboard non-volatile memory, which is used to store the operating state of the unit in case of power loss

- Draws 22mA from the C-Bus® Network regardless if connected to the mains supply. Does not source any current to the C-Bus® Network

- Capable of being programmed via the installation software without the need for a mains connection

- Output Voltage Range: 0 (±0.5) to 10 (±0.5) V.d.c.

- Output Rating - Sourcing: 2.5mA (i.e. minimum of 4k)

- Output Rating - Sinking: 15mA at Vout = 0V, 8mA at Vout = 10V, i.e. $I = 15-(0.7*Vout)mA$

- Quiescent Power: 10 Watts

- A maximum of 50 units may be connected to a single C-Bus® network

- Configured via the C-Bus® Installation Software or the Learn Enabled Features

- Supplied with a 300mm C-Bus® Category 5 patch lead complete with pre-terminated RJ45 connectors.

- The output terminals accommodate 2 x 1.5mm^2 or 1 x 2.5mm^2 cable.

- EMC Compliant to meet the requirements for marking with the CE and RCM marks

- Dimensions: W=72mm, H=85mm, D=65mm

- Weight: 245g.

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