

C-Bus 8-Channel DSI Gateway, DIN Rail Series

C-Bus²

CLIPSAL[®]
INTEGRATED SYSTEMS



L5508DSI Series

The C-Bus DSI Gateway Unit is a DIN rail mounted C-Bus output device, designed for controlling Atco-Tridonic DSI dimming ballasts or any equivalent product that uses the DSI protocol standard.

Any C-Bus input device (such as a wall mounted key switch, a photoelectric cell or touch screen) connected to a C-Bus installation can be programmed to control any combination of DSI Gateway channels in the same C-Bus installation.

Each C-Bus DSI Gateway Unit incorporates eight independent control channels, for on/off and dimming fluorescent luminaires. The unit is designed to control up to 100 Atco-Tridonic DSI dimming ballasts (or equivalent products) per channel, allowing up to 800 electronic DSI ballasts to be connected to one C-Bus DSI Gateway module.

The unit includes full support of all C-Bus2 learn enabled functions, allowing the units to be programmed with or without a PC connected to the C-Bus network.

The DSI Gateway is capable of detecting faulty lamps connected to its terminals. When this occurs, the DSI Gateway will shut down the channel and the corresponding channel LED indicator flashes at a slower rate of approximately 4 times per second.

Remote access to diagnostic information, such as faulty lamps, is also available for all DSI luminaires connected to the unit via the C-Bus Installation Software.

Local toggle buttons are provided to allow individual DSI channels to be toggled at each unit as well as via C-Bus commands.

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

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IBS Intelligent Building Series™

L5508DSI Series C-Bus DSI Gateway

- Connects directly to the C-Bus network via C-Bus Category 5 data cable.
- 8 independent DSI control channels.
- Controls up to 100 DSI ballasts per channel.
- Includes C-Bus2 Learn Enabled Features.
- Local Override Buttons provide a means to toggle each channel locally.
- Each override button is illuminated when the respective channel is in the ON state.
- Remote Override Facility provides remote control of all channels on a unit.
- C-Bus and Remote Override Connections via RJ45 sockets.
- RJ45 patch lead (300mm) supplied with the unit.
- Channel Overload or Short Circuit Detection with channel LED indication.
- Channel Faulty Lamp/Ballast Detection with channel LED indication.
- Power Fail Recovery Options are software selectable to dim either the level prior to power interruption, full on, or the load is turned off.
- Software selectable Network Burden and Network Clock.
- Maximum number of units on a single C-Bus network is 100.
- Dimensions: H=85mm, W=215mm, D=65mm.



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