

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

C-Bus®

CLIPSAL
LIVING ELECTRICAL



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 switch button, 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.

clipsal.com/cis

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.

Product of Clipsal Australia Pty. Ltd.

A member of the Schneider Electric Group.

Head Office

12 Park Terrace, Bowden
South Australia 5007
PO Box 103 Hindmarsh
South Australia 5007

Telephone +61 8 8345 9500
Facsimile +61 8 8346 0845
Internet www.clipsal.com/cis
E-Mail cis@clipsal.com.au

CIS Technical Support Hotline:
1300 722 247

Customer Service Enquiries:
1300 2025 25

National Customer Service Facsimile:
1300 2025 56

International Enquiries

International Sales and Marketing

Telephone +61 8 8269 0587
Facsimile +61 8 8340 7350
E-Mail export@clipsal.com.au

New Zealand

Clipsal Industries (NZ) Ltd
Telephone +64 9 576 3403

Malaysia

Clipsal Integrated Systems (M) Sdn Bhd
Telephone +60 3 7665 3555

Singapore

Clipsal Integrated Systems Pte Ltd
Telephone +65 6415 3232/3233

China

Clipsal China Limited
Telephone +86 755 8237 5959

Greece

Schneider Electric AE
Telephone +30 69 4646 3200

Hong Kong

Clipsal Integrated Systems (HK) Limited
Telephone +852 2487 0261

India

Schneider Electric India Pvt Ltd
Telephone +91 11 5159 0000

Indonesia

PT Clipsal Graha Nusa
Telephone +62 21 630 6430

Korea

Clipsal Korea Co. Ltd
Telephone +82 549 5550

Pakistan

Clipsal Pakistan (Pvt) Ltd
Telephone +92 21 506 7278

Philippines

Clipsal Philippines Inc.
Telephone +632 683 0275-78

South Africa

Clipsal South Africa (Pty) Ltd
Telephone +27 11 314 5200

Taiwan

Clipsal (Taiwan) Co Ltd
Telephone +886 2 2558 3456

Thailand

Clipsal Thailand Ltd
Telephone +66 2 952 5338-42

United Arab Emirates

Clipsal Middle East
Telephone +971 6 5570 777

United Kingdom

Clipsal Integrated Systems
C/o Schneider Electric
Telephone +44 870 608 8 608

Vietnam

Clipsal - VTEC
Telephone +848 856 3002



Clipsal Australia Pty Ltd reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this catalogue are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.

© Clipsal Australia Pty Ltd.

The identified trademarks and copyrights are the property of Clipsal Australia Pty Ltd unless otherwise noted.