

# C-Bus Network Bridge, DIN Rail Series

**C-Bus®**

**CLIPSAL®**  
**LIVING ELECTRICAL**



**5500NB Series**

The C-Bus DIN Rail mounted Network Bridge is a network support device that provides a communication channel between C-Bus units on separate networks. This makes programming and monitoring of C-Bus devices on remote networks possible from a single point.

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

Both sides of the C-Bus Network Bridge are optically isolated, providing electrical isolation between each of the two networks.

The C-Bus Network Bridge is required when the single network limitations of a system have been reached. This can occur when the total number of C-Bus units exceeds 100 and or when the total length of unshielded twisted pair (UTP) cable exceeds 1000 metres.

C-Bus Network Bridges may also be used between each floor in a multi-storey building to provide isolation from one network to another.

The C-Bus Installation Software is used to configure the device. Communication with other C-Bus devices and the supply voltage is obtained via a single C-Bus twisted pair cable.

In the event of a power failure, an inbuilt non-volatile memory retains programmed information relating to the current operating status of the unit.

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

[clipsal.com/cis](http://clipsal.com/cis)

## 5500NB Series C-Bus Network Bridge

- DIN mounted measuring 4M wide
- Designed to meet Australian and European standards for EMC Compliance and Safety
- Configured via the C-Bus Installation Software
- 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
- Dimensions H=85mm, W=72mm, D=65mm.

### Product of Clipsal Integrated Systems

A division of Clipsal Australia Pty Ltd  
ABN 27 007 873 529

#### Head Office

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

Telephone (08) 8345 9500  
International +61 8 8345 9500

Facsimile (08) 8346 0845  
International +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 2006.  
Created in Australia 2006. All rights reserved.