

# Network Bridge

The Network Bridge is a network support device that provides an isolated communications channel between C-Bus units on separate networks. Both sides of the network bridge are optically isolated, providing electrical isolation between adjacent networks.

Network bridges are required to manage networks to particular units in particular zones, or to extend the network past system limitations of 100 passive units and 1000 metres of C-Bus cable in any one network.

## TECHNICAL INFORMATION

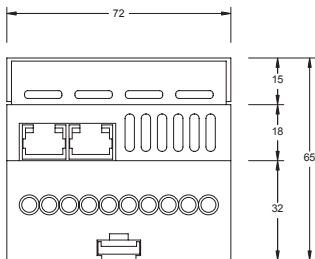
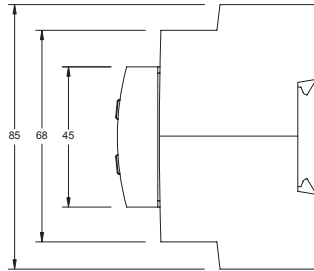
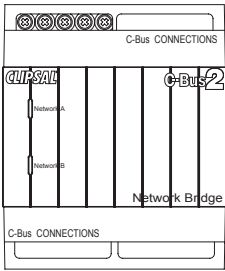
Catalogue Number	<b>5500NB</b>
C-Bus Supply Voltage	<b>15-36VDC @ 20mA</b>
Electrical Isolation rating (between networks)	<b>3,500V RMS (opto-isolated, 1 minute)</b>
Maximum Number of Units on a Single C-Bus Network	<b>100</b>
Status Indicators	<b>Network 1 and Network 2</b>
C-Bus Termination	<b>4 x RJ45 sockets (Network 1 and 2)</b>
Operating Temperature Range	<b>0° C to 45° C</b>
Operating Humidity Range	<b>0 - 95% RH, non-condensing</b>



**5500NB**

## PRODUCT FEATURES

- Provides an isolated communications path between networks.
- Programmable via the C-Bus configuration software.
- Programmed variables are stored in non-volatile memory and are retained in case of loss of C-Bus power.
- Designed to fit standard 35mm top hat DIN rail, measures just 4M in size.
- Designed to fit into standard electrical switchboards.
- C-Tick (Australia/New Zealand), CE (European Community) compliant.



CATALOGUE NUMBER	DESCRIPTION
<b>5500NB</b>	Network Bridge