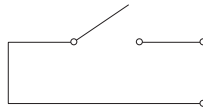


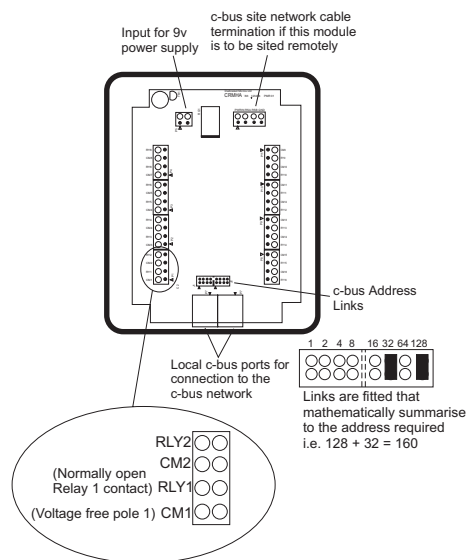
Introduction

The c-bus Relay Module is connected to the DAL-0200 via the c-bus MMJ connector. One relay module can be used for each DAL 0200 unit. At the protected site, this facilitates the output stage or the audio zoning facility. (See DAL-0200 manual for more details.) At the Central Receiving Station, 16 relay outputs are available for others to use as a secondary alarm signaling system. These relay outputs follow the state set on the corresponding alarm input or the remote alarm module installed in the protected site.

Each relay module has 16 relay outputs that are configured as normally open contacts. Each relay has a voltage free pole, when the relay is closed, i.e. the corresponding zone/alarm is selected, the voltage free pole will be connected to the relay output until the corresponding zone/alarm has been de-selected, see illustration opposite.



c-bus Relay Module CI02



Setting Addresses on the Relay Module

The c-bus Relay Module must have an address on the c-bus network set before it can be used. This address can be anywhere in the range 1-255. To set the address, links are added onto J1 and J2 which are located as shown on the PCB diagram. Links must be added so that the total value of the links added equals the address required. (i.e. setting the address to 75 would require adding links 64, 8, 2 and 1, as $64+8+2+1 = 75$.) Selected examples for addresses are given below.

	Link Number (J1 & J2.)							
Address	1	2	4	8	16	32	64	128
144	0	0	0	0	1	0	0	1
145	1	0	0	0	1	0	0	1
146	0	1	0	0	1	0	0	1
147	1	1	0	0	1	0	0	1
148	0	0	1	0	1	0	0	1
149	1	0	1	0	1	0	0	1
150	0	1	1	0	1	0	0	1
151	1	1	1	0	1	0	0	1
152	0	0	0	1	1	0	0	1
153	1	0	0	1	1	0	0	1
154	0	1	0	1	1	0	0	1
155	1	1	0	1	1	0	0	1
156	0	0	1	1	1	0	0	1
157	1	0	1	1	1	0	0	1
158	0	1	1	1	1	0	0	1
159	1	1	1	1	1	0	0	1

Technical Specification.

Dimensions 125mm (L)
85mm (W)
58mm (H)

Weight 231g

Lead Length 3 metres approx
2 RJ Type connectors for c-bus
4 Screw Type connections for Grade 5 cable

Notes

General Description.

c-bus is a common communications platform for Dedicated Micros' "Next Generation" multiplexers. c-bus provides a flexible base upon which to build your professional CCTV system, whether you require the services of one or up to sixteen multiplexers.* Today's interconnection is simple and tomorrow's expansion plans are easily accommodated. The c-bus project also brings many new and exciting accessories designed specifically to simplify your installation wiring or to enhance your commissioning, servicing or technical support issues. This relay module is one of these accessories, its features are detailed within this manual.

CAUTION!

The user is advised to read and to take notice of the following cautions:

DO NOT expose the module to rain or moisture, as this may cause a fire or electric shock.

DO NOT drop the module or expose it to other shocks or vibrations as this may result in damage to the module.

Refer all servicing to qualified personnel.

Read all instructions in this manual before attempting to set up or operate the module.

Components check list

Relay Module. ☐
Owners Guide for Setup and Operation. (This manual). ☐
Connection cable. ☐

*Using the Uniplex professional range of multiplexers. (Series 1 & 2, DXPro).

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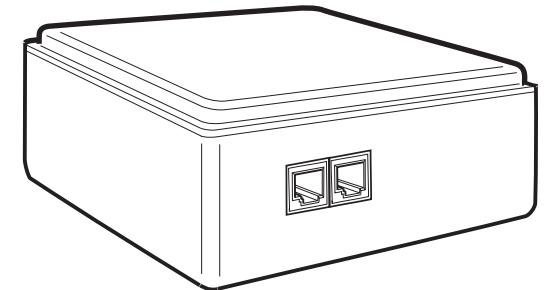


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DEDICATED MICROS

c-bus Relay Module

Owners Guide for Setup & Operation



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