CAN RELAY UNIT

4 WAY REMOTE CAN RELAY



Technical Sheet ref C1179D v4



CANbus Addressing Switches (S3)

To allow the 4 CAN relays to communicate with the Combi unit it must have a unique address between 240 and 255. This can be selected using the address switches. The selected address will be recognised by the Combi system automatically on power up. This can be checked in engineers menu 27 'Setup Network'.

Relay Option Switches (52)

The CAN board must be set up to copy a group of 4 relays on one of the two 32 way external relay boards. **52** should be used to select which group of 4 they will copy.

To test relays link across J11 (Test), remove after test.

Relays:

x4 - volt free - SPCO 3A/230vAC

Output Terminals:

24vDC @300mA

SIG Sounder driver (mutable) global or relay follower 1–4

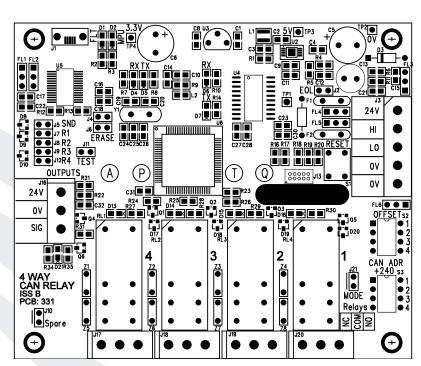
EOL (end of line jumper) – select **J2**

Enclosure:

Polycarbonate IP65 – 200 x 120 x 56mm

Order Code:

160-205



CAN RELAY UNIT

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CAN ADDRESS ON S3 SWITCHES

CAN Address 240	CAN Address 241	CAN Address 242	CAN Address 243
1 🗆	1 🗆	1 🗆	1 🗆
2 🔲	2 🗆	2 🔲	2 🔲
3 🗆	3 🔲	3 🗆	3 🗆
4 🗆	4 🔲	4 🗆	4 🗆
CAN Address 244	CAN Address 245	CAN Address 246	CAN Address 247
	1 🗆	1 🗆	1 🗆
2 🔲	2 🔲	2 🔲	2 🔲
3 🔲	3 🔲	3 🔲	3 🔲
4 🗆	4 🗆	4	4
CAN Address 248	CAN Address 249	CAN Address 250	CAN Address 251
CAN Address 248	CAN Address 249	CAN Address 250	CAN Address 251
1 🗆	1 🔲	1	1 🗆
1	2 🔲	2	1
1	1	2	2
1	1	2	2
1	1	1	1
2	1	1	1
1	1	1	1
CAN Address 252	1	1	1

4 RELAYS COPY EXTERNAL 32+32 RELAY PCB IN GROUPS OF 4 USING S2 SWITCHES

RELAYS 1-4	RELAYS 5-8	RELAYS 9-12	RELAYS 13-16
1 🗆	1 🗆	1 🗆	1 🗆
2 🔲	2 🗆	2 🗆	2 🔲
3 🔲	3 🔲	3 🔲	3
4 🗆	4 🗆	4 🗆	4 🔲
RELAYS 17-20	RELAYS 21 – 24	RELAYS 25-28	RELAYS 29-32
1 🗆	1 🗆	1 🗆	1 🗆
2 🗆	2 🔲	2 🗆	2 🔲
3 🔲	3 🔲	3 🔲	3 🔲
4	4 🗆	4	4 🗆
RELAYS 33-36	RELAYS 37-40	RELAYS 41-44	RELAYS 45-48
RELAYS 33–36	RELAYS 37-40	RELAYS 41–44	RELAYS 45-48
1	1	1 🔲	1 🗆
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1
1	1	1	1

SIG OUTPUT SELECTION - J16

J5 Jumper Sig output with controller sounder

J7 Jumper Sig output with Relay 1

J8 Jumper Sig output with Relay 2

J9 Jumper Sig output with Relay 3

J 12 Jumper Sig output with Relay 4

These can be used individually or in combination.

Z (6

