

# FORGE™

## CR2/3 & CR2/6

Series 2 r7

2 Pole Double Throw Control Relays  
Strips of 3 & 6

### Features:

- ◆ 12 or 24 Volt D.C. operation
- ◆ 2 pole change over contacts
- ◆ 2 Amp. rated relay
- ◆ Low 1.2 mA trigger input current
- ◆ In-built +TR & -TR bias resistors
- ◆ LED indicates operation
- ◆ Double sided tape mounting
- ◆ Can jumper +VE or -VE to common contacts (C1 & C2)
- ◆ Common power terminals
- ◆ Can be separated into smaller strips or individual units

### Applications:

- ◆ Dialler interface
- ◆ Electric Door Strike
- ◆ SIU interface
- ◆ Strobe lamp driver
- ◆ Voltage level shifting



### Links:



C1 contact is voltage free (C1 Link OFF)  
C2 contact is voltage free (C2 Link OFF)  
21 to 28V D.C. operation (V Link OFF)



10 to 18V D.C. operation (V Link ON)

**NOTE:** The V link needs to be set the same for each unit in the strip



C1 contact connected to -V terminal



C1 contact connected to +V terminal



C2 contact connected to -V terminal



C2 contact connected to +V terminal

### Notes:

- **Danger!!!** Do not use 240V through contacts as they are only rated for 30V D.C.
- Use either +TR or -TR, but **not both** at the same time
- If using as a strip of CR2s connect power to one pair of +V and -V terminals as they are bussed through to each unit

### Specifications: (all voltages D.C.)

- Operating voltage = 10 - 18V (V Link ON)  
21 - 28V (V Link OFF)
- Maximum switch current = 2A at 30V
- Life expectancy = 100,000 operations at full load
- +TR trigger = 2 to +V, 1.2 mA @ 12V, 2.4mA @ 24V
- -TR trigger = 0 to (+V - 2V), -1.2 mA @ 12V, -2.4mA @ 24V
- Dimensions: 50 x 94 x 15mm (CR2/3)  
50 x 186 x 15mm (CR2/6)

Designed and manufactured by

**NIDAC Pty Ltd**

2 Cromwell Street  
Burwood Victoria  
Australia 3125

+61 3 9808 6244  
[www.nidac.com](http://www.nidac.com)  
[sales@nidac.com](mailto:sales@nidac.com)

