

# Blue Chip Technology



DATA

ACQUISITION CARDS

## RB-8

### 8 Channel Relay Card

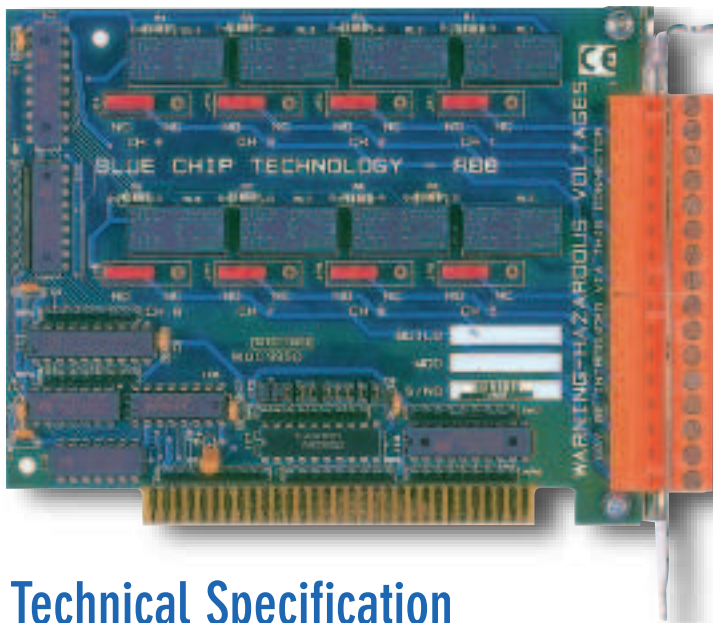
The Blue Chip Technology RB-8 board provides the user with eight volt-free contacts for use in general control applications. The relay contacts will handle voltages up to mains potential at low currents or small voltages with a current handling up to 2 Amps.

The board has the facility to power up with various combinations of normally open and normally closed contacts at the output connector. This selection is made by user selectable links. The operating program can read back the status of the relay contacts thereby checking that the relay contact has actually operated as instructed.

The card occupies only one I/O location which is both read and write address. A write to this location sets the desired relay(s) while a read from this address returns the contact status.

Connection to the card is by screw terminals which facilitate easy connection to the user.

- 8 individually controllable relay outputs
- Link selectable power up state
- Up to 3A contact rating
- Occupies only one I/O address space
- Plug in 2-part screw terminal connections
- Available with DLL for Windows



## Technical Specification

Relay Outputs:	8
Maximum carrying current:	3A
Maximum switching current:	2A DC, 1A AC
Maximum recommended voltage:	125V DC, 100V AC
Maximum contact power rating:	60VA
Contact bounce time make/break:	.5mS/0.5mS
Contact response time make/break:	5mS/5mS
Contact life-electrical:	500,000 operations
Contact life-mechanical:	50,000,000 operations
Power requirement:	5V @ 350mA maximum
Height:	132mm
Connectors:	Removeable 16 pin screw terminal



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