I/O 24 Relay Output Board

The I/O 24 Relay Output Board shown below in diagram 1 is a very useful accessory which allows much higher voltages and currents to be used by the I/O24 modules compared to the normal outputs.
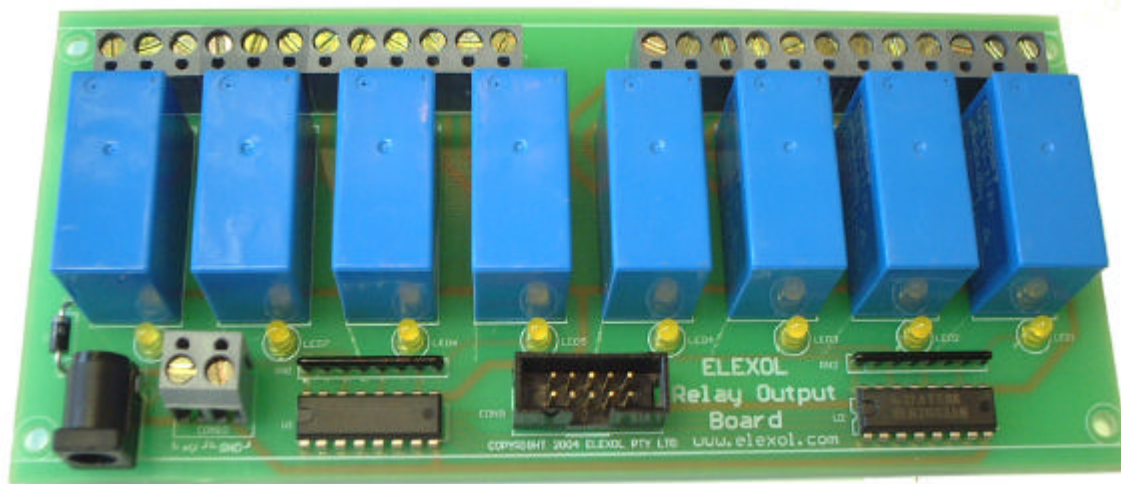

Diagram 1

The board consists of 8 Relays with both Normally Open (N/O) and Normally Closed (N/C) contacts rated to 250V AC or DC at 5 Amps. The relays coils are powered by a 12V external supply but are controlled via the I/O port of the module. Each of the output port channels has an LED to indicate the relay output status.

The connections for each output channel are N/O, COM and N/C connection. These connection are by screw terminals that will accept cables 0.5 – 2mm[1]. The connection between the I/O24 module and the relay output board is via a 30 cm IDC connection cable. This cable is provided with the board.

The board has been designed to a 72mm standard width so that it can easily be mounted in DIN rail mounting modules.

BOARD FEATURES

- 8 x 12V DPDT 250VAC / 30DC @ 5A Relays
- Indication LED's for relay output status
- Screw Terminal Blocks for Relay outputs and 12V Power Input
- Easy connection by 10-way box header to suit standard IDC connector for connection to the I/O port.
- 72mm Standard width for DIN Rail Modules

For further information regarding the release of this product please visit our website at **http://www.elexol.com** or contact us via email at **enquires@elexol.com**