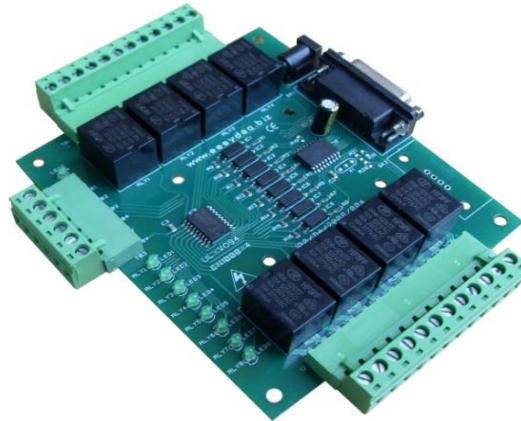


Product Datasheet 53

Features

- 8 sequentially operated relays to enable staged powering up of large loads.
- Low cost, high density, small profile, stackable
- Available with 5V or 6V operating relays for high reliability or lower current operation as required.
- Relays are SPDT, Form C, changeover type, with N/O, COM and N/C contacts. Edge mounted screw terminal block access to N/O COM & N/C relay contacts (8 on board relays) via edge mounted screw terminal blocks
- LED status indicators for USB power/connection and relay activation status
- PCB tracking (& power relays) are designed to handle 10 amps @ 240V AC, or 8A @ 30V DC (switched or continuous)
- Supplied with nylon feet. Clear Perspex cover & base option available
- DIN rail base clip (with Perspex cover) mount option also available
- CE, RoHS & BS9001:2000 compliant



Description

Low cost, sequentially energised relay card with the option of fixed screw terminal blocks or 2 part (male/female) allowing rapid connect/disconnect.

Relays are single pole changeover type, capable of switching 240VAC @ 10Amps. PCB tracking is designed to handle 10 Amps. Fitted with PSU & relay LED status indicators.

The screw terminal blocks give access to N/O, COM & N/C relay contacts, the channel input control signals and the 0V/5V DC supply terminals.

The card requires an external 5V DC supply, 590mA or 420mA maximum depending on the operating voltage of the relays and assuming all relays activated.

Specifications

Operating temp range
0-70°C

Power
5V DC @ 590mA or 420mA (max), powered from external supply.

Relays
See: [Specifications: Relays](#) table

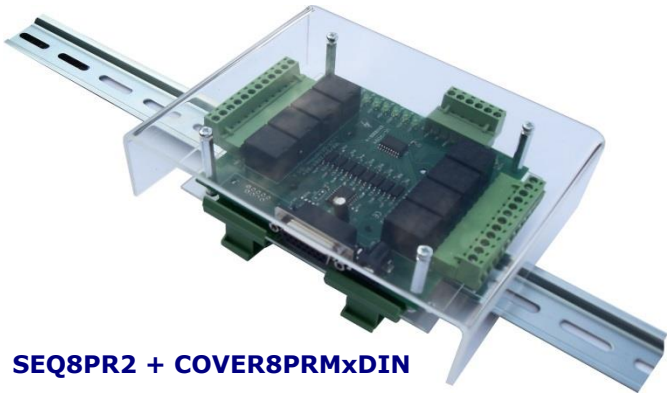
Dimensions
Dimensions 100mm (D) 130mm (W) 30mm (H) (inc. feet & 2 part conns), Weight 120g..



SEQ8PR2 + COVER8PRMx

Specifications: Relays				
Parameter	5V Power relays	6V Power relays	12V Power relays	Signal relays
Rated voltage/current	5VDC/71mA each	6VDC/60mA each (50mA at 5V)	12VDC/30mA each	5VDC/42mA each
Must operate/release voltage	75%/10% of rated voltage			75%/10% of rated voltage
Contact ratings	10A/240VAC or 8A 30VDC			
Contact resistance	100mΩ max			
Operate/release time	10mS/5mS			
Contact bounce period	0.6mS operate/ 7.2mS release			
Contact material	AgSnO ₂			
Operational life (min)	Mechanical 10 ⁷ / Electrical 10 ⁵			
Contact arrangement	SPDT, Form C			

Product Datasheet 53



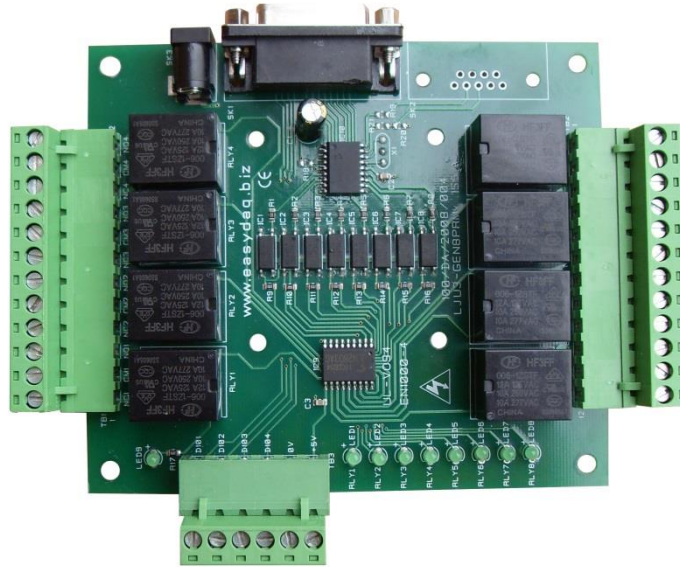
Order codes

- SEQ8PR**
8 sequentially operated power relays (10A), Single part connectors. 6V relays as standard
- SEQ8PR-5** = 5V relays
- SEQ8PR2** = 6V relays and 2 part connector
- SEQ8PR2-5** = 5V relays and 2 part connector

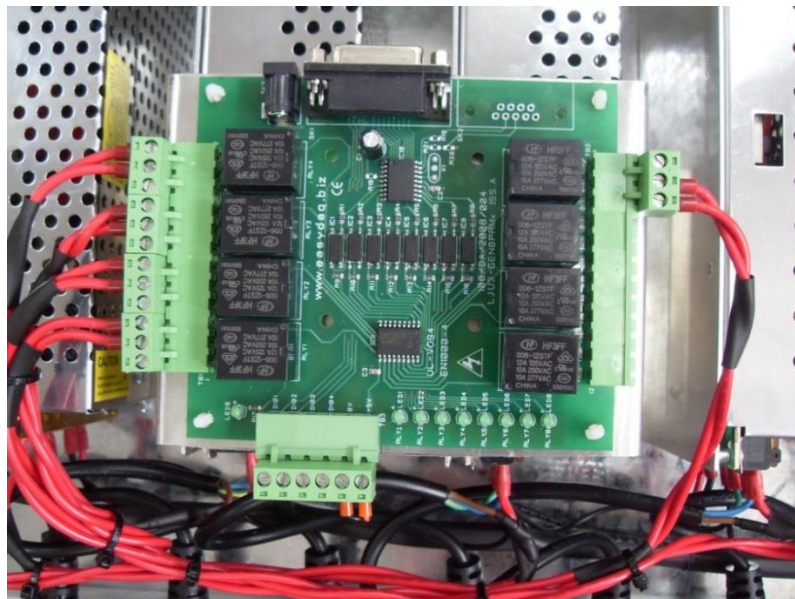
Optional accessories

- COVER8PRMx**
- COVER8PRMxDIN**

SEQ8PR2 + COVER8PRMxDIN



SEQ8PR2 top view



SEQ8PR2 in use controlling the start-up of 5 power supplies