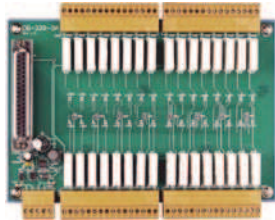


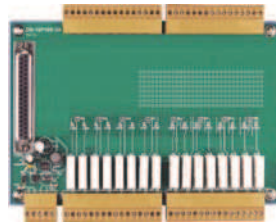
DIO Terminal Board

DB-32R / DB-16P16R

32-channel relay output board



DB-32R



DB-16P16R

NEW

Features

- Form A Signal Relay
- The DB-32R accepts 37-pin connectors to control 32 form A relays for use with PISO-C64 and ISO-C64
- The DB-16P16R accepts 37-pin connectors to control 16 form A relays and 16-channel input terminal for use with PISO-P32C32 and ISO-P32C32
- Each LED is displayed when the corresponding relay is activated
- Screw terminals for field wiring

Functional Description

The DB-32R is a 32-channel of Signal Relay Output Board, consisting of 32 form A relays for efficient programmable load switching. All connectors and functionalities are compatible with the PISO-C64 and ISO-C64 Open-collector output board.

The DB-32R has 33 of LED indicator functions; containing 32 LED's for Relay indication status and one to display power status.

The DB-16P16R is a 16-channel of Signal Relay Output Board, it also consisting of 16 form A relays and 16-channel of digital input terminal.

To avoid overload from your PC's power supply, the boards allows a power input range of 12~30V DC.

Specifications

- Contact Arrangement: SPST-NO (1 form A)
- Max. Switching Voltage: 125Vdc, 270Vac Rated
- Contact Current: 3A
- Max. Contact Current: 5A
- Max. Contact Capacity: 1250VA, 150W
- Operate Time (typical): 10ms
- Release Time (typical): 5ms
- Resistive load:
 - 250V ac/30V dc, 3A 100,000ops.min (10 ops. / minute)
- Resistive load:
 - 250V ac/30V dc, 5A 6,000ops.min (10 ops. / minute)
- Mechanically:
 - 20,000,000 ops. At no load. (300 ops. / minute)

General Specifications

- Power Requirements:
 - DB-32R: 0.42A @ +12V
 - DB-16P16R: 0.21A @ +12V
- Operating temperature: 0 ~ 60°C
- Operating humidity: 5 ~ 95%

- Storage temperature: -20 ~ 70°C
- Dimensions: 118 mm x 174 mm (DB-32R)
118 mm x 174 mm (DB-16P16R)

Ordering Information

Standard

- DB-32R:** 32-channel relay output board
Include : CA-3710D Male- Male D-sub cable 1M
- DB-32R/DIN:** DB-32R with DIN-rail mounting kit
- DB-16P16R:** 16-channel input terminal and 16-channel relay output board
Include : CA-3710D Male- Male D-sub cable 1M
- DB-16P16R/DIN:** DB-16P16R with DIN-rail mounting kit

Optional

- CA-3710:** Male-Male D-sub cable 1M (45°)
- CA-3710D:** Male-Male D-sub cable 1M (180°)
- CA-3720:** Male-Male D-sub cable 2M (45°)
- CA-3720D:** Male-Male D-sub cable 2M (180°)