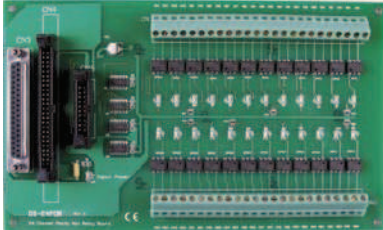


# DB-24POR

## 24-channel PhotoMos output board



### Specifications

#### PhotoMos Relay Output

- Turn on time:  $T_{on} = 0.7\text{ms}$  (Typical)
- Turn off time:  $T_{off} = 0.05\text{ms}$  (Typical)
- Output on resistance= 23(typical)
- Power dissipation: 500mW

#### General Specifications

- Power requirements: 5V @ 0.3A max
- Operating temperature: 0 ~ 60°C
- Operating humidity: 0 ~ 90% non-condensing
- Storage temperature: -20 ~ 80°C
- Dimensions: 220 mm x 132 mm

### Features

- 24 Form A PhotoMos Relays
- Switch up to max. 0.13A at max. 350VAC
- 5VDC logic levels
- 5,000V optical isolation
- LEDs indicate relay status
- Built-in fuses and diodes to protect the board from wrong connection of external power supply

### Ordering Information

#### Standard

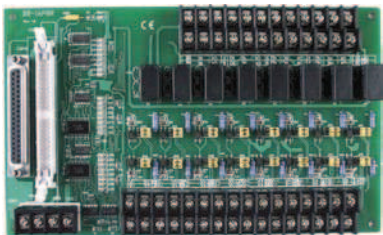
- DB-24POR:** 24-channel OPTO-22 PhotoMos relay output board with CA-5015 cable
- DB-24POR/DIN:** DB-24POR with DIN-rail mounting kit
- DB-24POR/D:** 24-channel OPTO-22 PhotoMos relay board with CA-3710 cable
- DB-24POR/D/DIN:** DB-24POR/D with DIN-rail mounting kit

#### Optional

- CA-2010:** 20-pin flat cable, 1m
- CA-2020:** 20-pin flat cable, 2m
- CA-3720:** 37-pin D-sub cable, 2m

# DB-16P8R

## 16-channel OPTO-isolated digital input & 8-channel relay output board



### Specifications

#### Relay Output

- Number of channels: 8
- Electronics characteristics: refer to the DB-24P's specifications

#### Isolated Digital Input

- Number of channels: 16
- Electronics characteristics: refer to the DB-24PR's specifications

#### General Specifications

- Power requirements: 24V @ 0.3A max; 5V @ 0.1A max
- Operating temperature: 0 ~ 60°C
- Operating humidity: 0 ~ 90% non-condensing

### Features

- 16 OPTO-isolated digital inputs
- 8 Form C Relays (SPDT)
- Switch up to 5A at 250VAC/5A or 30VDC
- LEDs indicate input and output status
- Optional Varistor to protect each channel's high voltage spike
- Voltage input or dry contact input mode

- Storage temperature: -20 ~ 80°C
- Dimensions: 130 mm x 210 mm

### Ordering Information

#### Standard

- DB-16P8R:** 16 OPTO-isolated digital input & 8-channel power relay output board with CA-5015 cable
- DB-16P8R/DIN:** DB-16P8R with DIN-rail mounting kit
- DB-16P8R/D:** 16 OPTO-isolated digital input & 8-channel power relay output board with CA-3710 cable
- DB-16P8R/D/DIN:** DB-16P8R/D with DIN-rail mounting kit

#### Optional

- CA-3720:** 37-pin D-sub cable, 2m