

SIGNAL CONDITIONERS

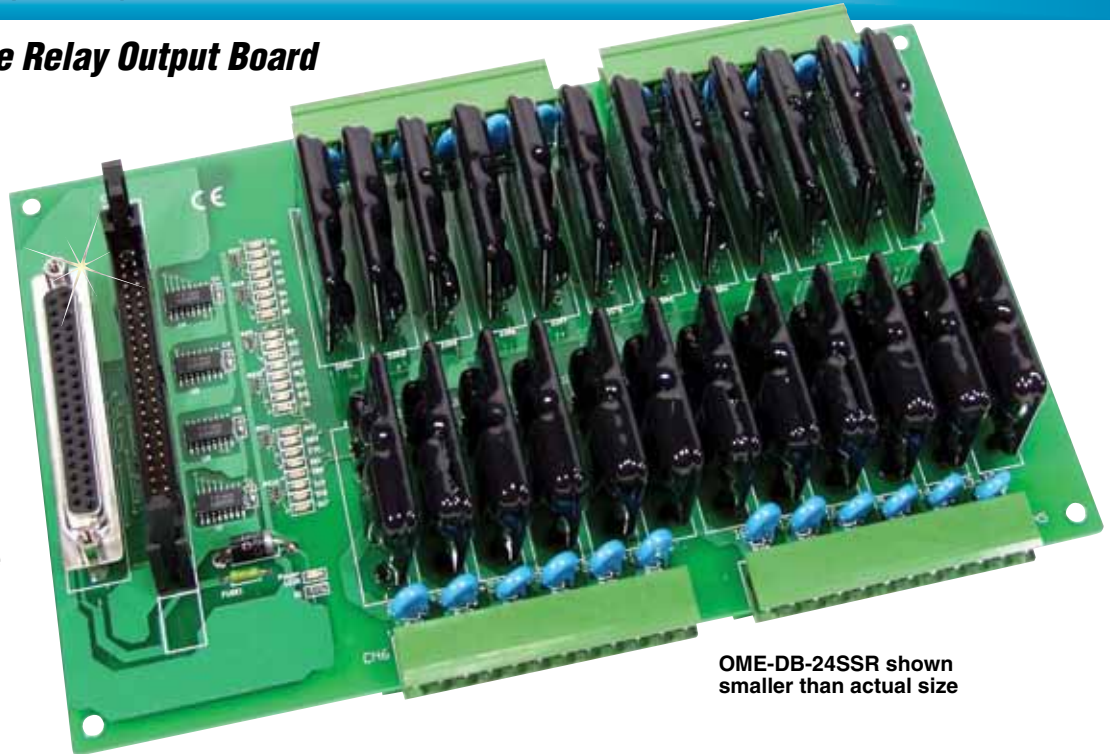
24-Channel Solid State Relay Output Board

OME-DB-24SSR



- ✓ 24 SSR (AC)
- ✓ One OPTO-22 Compatible Connector, One 37-Pin D-Sub Connector and One 20-Pin Connector
- ✓ Connects Directly to OPTO-22 Compatible Board
- ✓ LED's Indicate Relay Status
- ✓ Screw Terminals for Easy Field Wiring
- ✓ 2500 V Optical Isolation

The OME-DB-24SSR includes 24 normally open, or Form A, solid-state relays. The board interfaces to field logic signals, eliminating ground-loop problems and isolating the host computer from damaging voltages. The user can use the OME-DB-24SSR to switch high voltage loads up to 240 Vac and up to 4 A. The relay is energized by applying a 5 V signal to the appropriate relay channel on the 50-pin OPTO-22 compatible connector or 37-pin D-Sub



OME-DB-24SSR shown smaller than actual size

connector. Twenty-four enunciator LEDs, one for each relay, light when their associated relay is activated. Because there is a D-Sub 37-pin connector on the board, the user may use it to interface to any TTL output board.



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

Specifications

SOLID STATE RELAY (SSR)

Load Voltage: 50 to 250 Vac

Repetitive Peak Off Voltage: 600 V

Surge Current: 50 A

Maximum Load Current: 4 A

Maximum "Off-State" Leakage Current: 5 mA

Operating Time Maximum:

1/2 cycle of voltage sine wave: 1 ms

Power Consumption:

+5 V @ 0.4 A max

Dimensions:

130 H x 220 mm W (5.1 x 8.7")

Operating Temperature:

0 to 60°C (32 to 140°F)

Storage Temperature:

-20 to 70°C (-4 to 158°F)

Humidity:

5 to 90% RH non-condensing

To Order	
Model Number	Description
OME-DB-24SSR	24-channel SSR output daughter board, includes 1.5 m (5') 50-pin flat cable
OME-DB-24SSR/DIN	OME-DB-24SSR with DIN-rail mounting kit
OME-DB-24SSR/D	24-channel SSR output daughter board with 37-pin D-Sub connector, includes 1 m (3') 37-pin D-Sub connector cable
OME-DB-24SSR/D/DIN	OME-DB-24SSR/D with DIN-rail mounting kit
OME-CA-5015	50-pin flat cable, 1.5 m (5')
OME-CA-2010	20-pin flat cable, 1 m (3')
OME-CA-2020	20-pin flat cable, 2 m (7')
OME-CA-3710	37-pin male-male D-sub connector cable 1 m (3')

Each board is supplied with complete operator's manual on CD ROM.

Ordering Example: OME-DB-24SSR 24-channel SSR output board and OCW-1, OMEGACARESM extends standard 1-year warranty to a total of 2 years.