

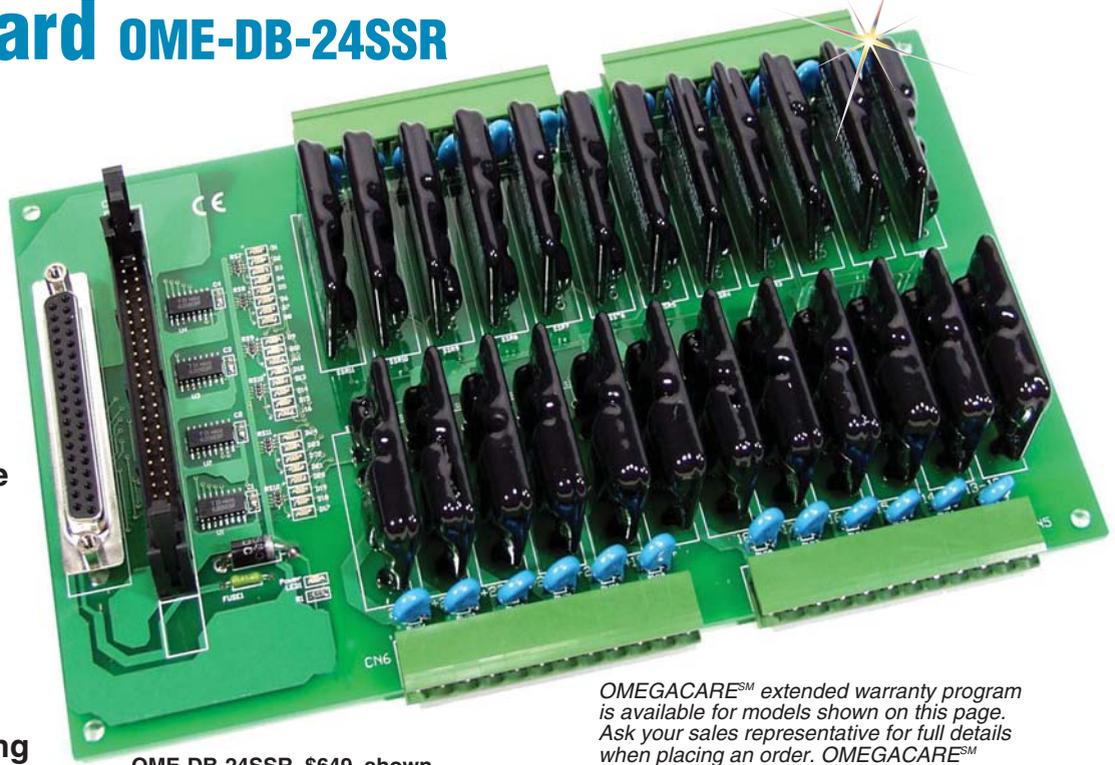
# 24-Channel Solid State Relay Output Board OME-DB-24SSR

**\$649**  
Basic Unit



- ✓ 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 connector. Twenty-four enunciator



OME-DB-24SSR, \$649, shown smaller than actual size

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.

**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

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

**Maximum "Off-State" Leakage Current:** 50 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

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## To Order (Specify Model Number)

| Model Number       | Price | Description  |
|--------------------|-------|--|
| OME-DB-24SSR       | \$649 | 24-channel SSR output daughter board, includes 1.5 m (5') 50-pin flat cable                                      |
| OME-DB-24SSR/DIN   | 659   | OME-DB-24SSR with DIN-rail mounting kit  |
| OME-DB-24SSR/D     | 659   | 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 | 669   | OME-DB-24SSR/D with DIN-rail mounting kit  |
| OME-CA-5015        | 29    | 50-pin flat cable, 1.5 m (5')  |
| OME-CA-2010        | 10    | 20-pin flat cable, 1 m (3')  |
| OME-CA-2020        | 19    | 20-pin flat cable, 2 m (7')  |
| OME-CA-3710        | 39    | 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 OMEGACARE<sup>SM</sup> 1 year extended warranty for OME-DB-24SSR (adds 1 year to standard 1 year warranty), \$649 + 62 = \$711.

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