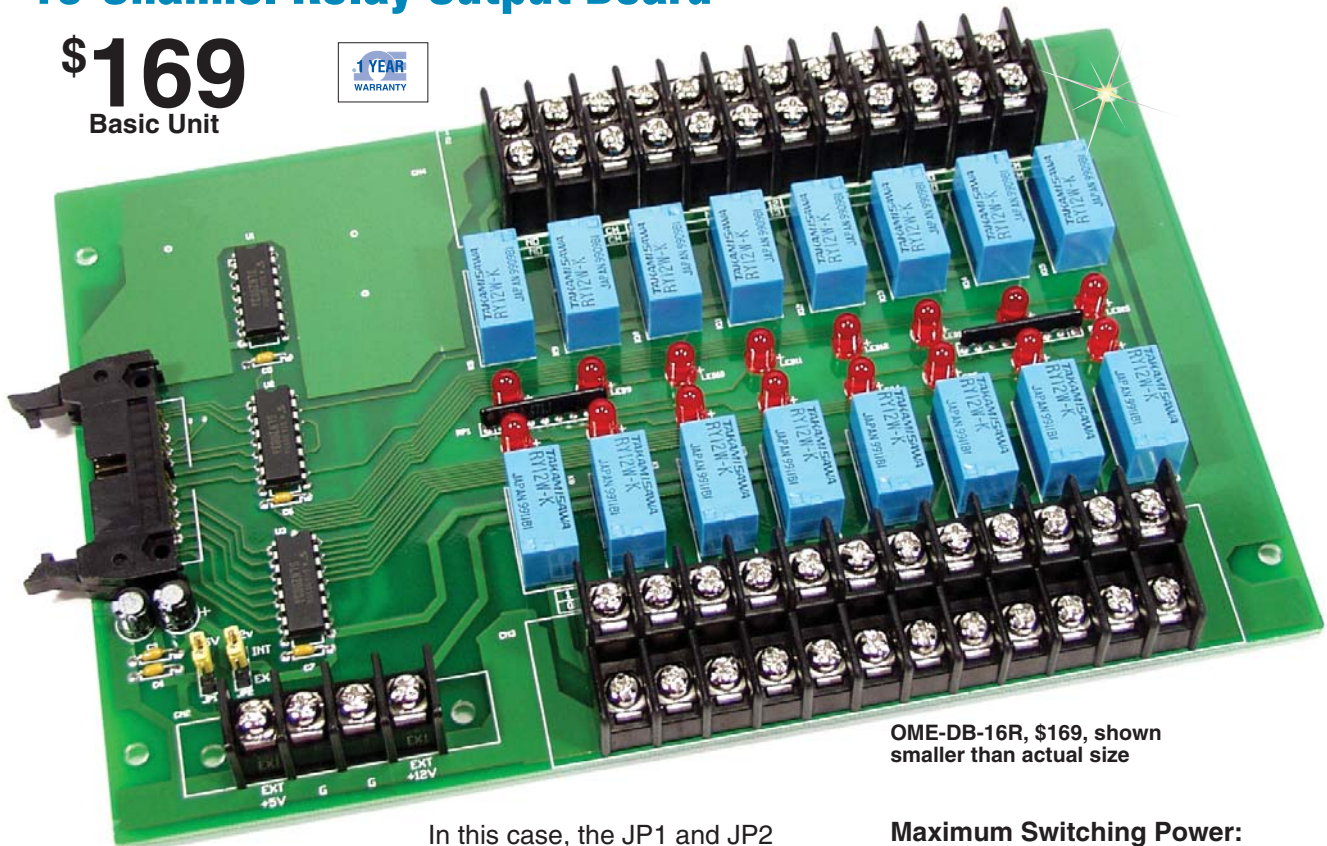


OME-DB-16R

16-Channel Relay Output Board

\$169
Basic Unit



OME-DB-16R, \$169, shown smaller than actual size

- 16 Form C Relays
- Each LED Light Activates when Corresponding Relay is Energized
- Screw Terminals for Field Wiring

The OME-DB-16R 16-channel relay output board consists of 16 form C relays for efficient switching of loads by programmed control. The relays are energized by applying 5 V signal to the appropriate relay channel on the 20-pin flat cable connector. Sixteen LED's (one for each relay) light when their associated relay is activated. To avoid overloading your PC's power supply, this board provides a screw terminal connection for a power supply.

The OME-DB-16R can be used with any of the listed compatible data acquisition boards or with other devices. When using the OME-DB-16R with any of the compatible data acquisition boards, the +5V and +12V are supplied from the 20-pin flat cable (no external power supplies required).

In this case, the JP1 and JP2 jumpers on the OME-DB-16R are set to internal (factory default). When using the OME-DB-16R with some other device, then either internal or external power can be used. If external power supplies are used, then jumpers JP1 and JP2 on the OME-DB-16R would be set to external.

Compatible Data Acquisition

Boards: OME-PCI-1802H, OME-PCI-1802L, OME-PCI-1800H, OME-PCI-1800L, OME-PCI-1602, OME-PCI-1602F, OME-PCI-1202H, OME-PCI-1202L, OME-PCI-1002H, OME-PCI-1002L

Specifications

Type: SPDT (form C)
Nominal Load: 0.5 A @ 120 Vac, 1 A @ 24 Vdc

Maximum Switching Power:

60 VA, 24 W

Maximum Switching Voltage:

120 Vac, 60 Vdc

Maximum Switching Current: 1A

Life Expectancy (On/Off Cycles):

mechanical (2 x 10⁷),

electrical (2 x 10⁵)

Release Time Value:

operate (6 ms)

Control Logic: input TTL high

+5V @ 20 μA (max), relay on

Power Consumption:

+12V @ 528 mA max;

+5V @ 150 mA max

Dimensions:

205 L x 114 mm H (8.1 x 4.5")

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 noncondensing

IN STOCK FOR FAST DELIVERY!

To Order (Specify Model Number)

Model Number	Price	Description
OME-DB-16R	\$169	16-channel SPDT relay board, includes 1 m cable

Ordering Example: OME-DB-16R 16-channel isolated digital input board, \$169.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters