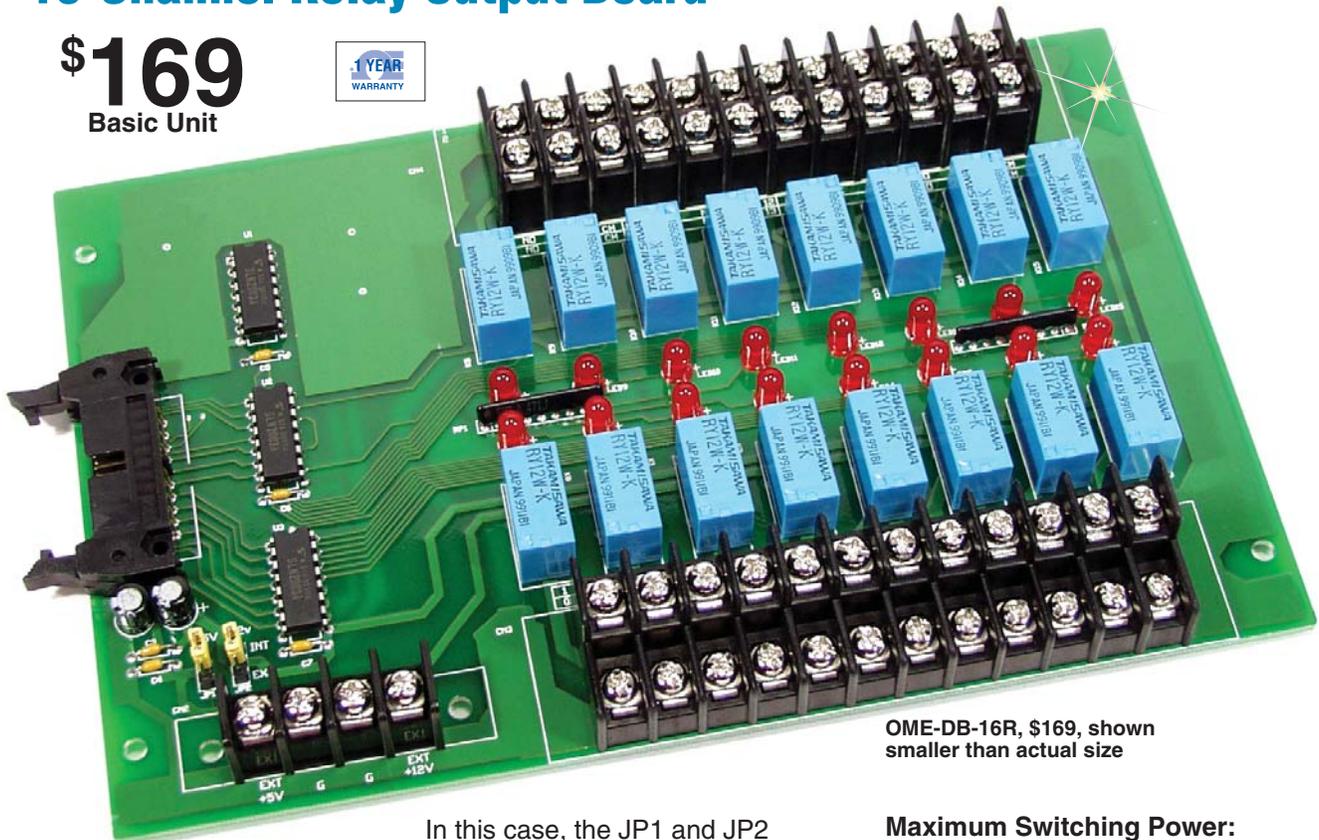


OME-DB-16R

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.