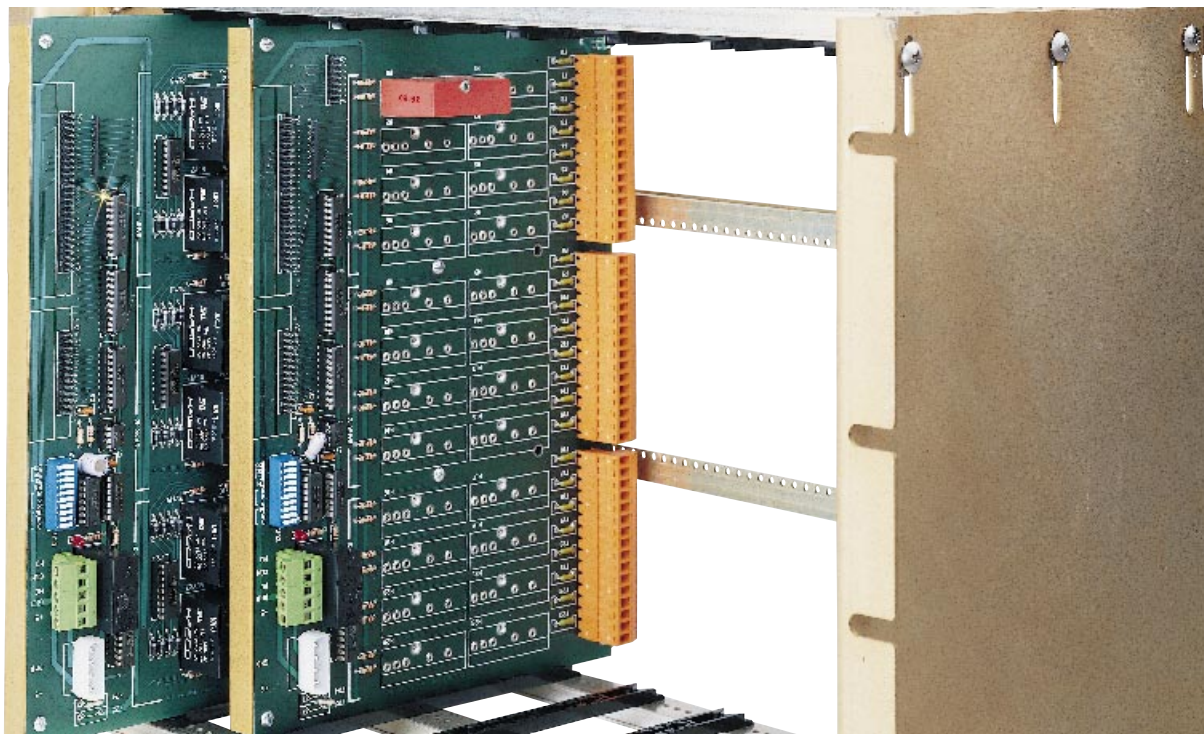


# Real-World Digital I/O Interfaces

## for use with DIO-PC-168 and DIO-PC-48 Cards



From  
**\$199**

- ✓ **DIO-RLY-24A has 24 SPDT Relays with Line Drivers**
- ✓ **DIO-SSS-24 has 24 Buffered Digital I/O Lines**
- ✓ **LED Status Indicator on Each Line**
- ✓ **Rack or Panel Mountable**

The OMEGA® DIO-RLY-24A and DIO-SSS-24 outboards allow TTL level discrete signals to interface with real world systems. Although designed specifically to work with the OMEGA® DIO-PC-168, DIO-MC-168, and DIO-PC-48 digital I/O cards, the outboards can be used with any TTL digital I/O system.

The DIO-SSS-24 outboard accepts solid state switch modules to provide 24 channels of input or output with 300 V isolation. The DIO-RLY-24A contains 24 SPDT 10 amp mechanical relays used as outputs.

The outboards require 5 V power, which may be supplied externally or directly from the computer. To power the board from the computer a DIO-PIORCA cable attaches the board to a spare disk drive power connector in the computer. (This method is not recommended when multiple outboards are used.)

### Specifications

**Connector:** 26-pin ribbon connector direct connect to DIO-PC-168 and DIO-PC-148 pinouts

**Mountings:** 19" rack or panel mount. allows 192 I/O's in 19" x 12" rack

**Power:** 5 Vdc: DIO-SSS-24, 0.8A max; DIO-RLY-24A, 2.8A max

**Dimensions:** 11 L X 7.75" H (279 X 197 mm)

To Order (Specify Model Number)		
Model Number	Price	Description
DIO-SSS-24	\$285	24 Channel solid state switch outboard (solid state switches are optional)
DIO-RLY-24A	199	24 channel mechanical relay outboard
DIO-CA26-10	25	10' Cable (connects outboard to DIO-PC-168, DIO-MC-168, or DIO-PC-168)
DIO-PIORCA	10	Outboard power cable
DIO-RK	120	7 Slot 19" rack for DIO-SSS-24 and DIO-RLY-24A
DIO-PSPLY-10	185	5 V, 10 amp power supply
ACO5-C	15	Solid state output module, controls 24-280 Vac 3 amps
DCO5-C	15	Solid state output module, controls 5-60 Vac 3 amps
ACI5-C	15	Solid state output module, senses 90-140 Vac
DCI5-C	15	Solid state output module, senses 10-32 Vac

**Ordering Example:** DIO-SSS-24 solid state switch outboard and 24 ACO5-C solid state output modules and OMEGACARE<sup>SM</sup> 1-year extended warranty for DIO-SSS-24 (adds 1 year to standard 1-year warranty), \$285 + 360(24 x 15) + 29 = **\$674**.

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