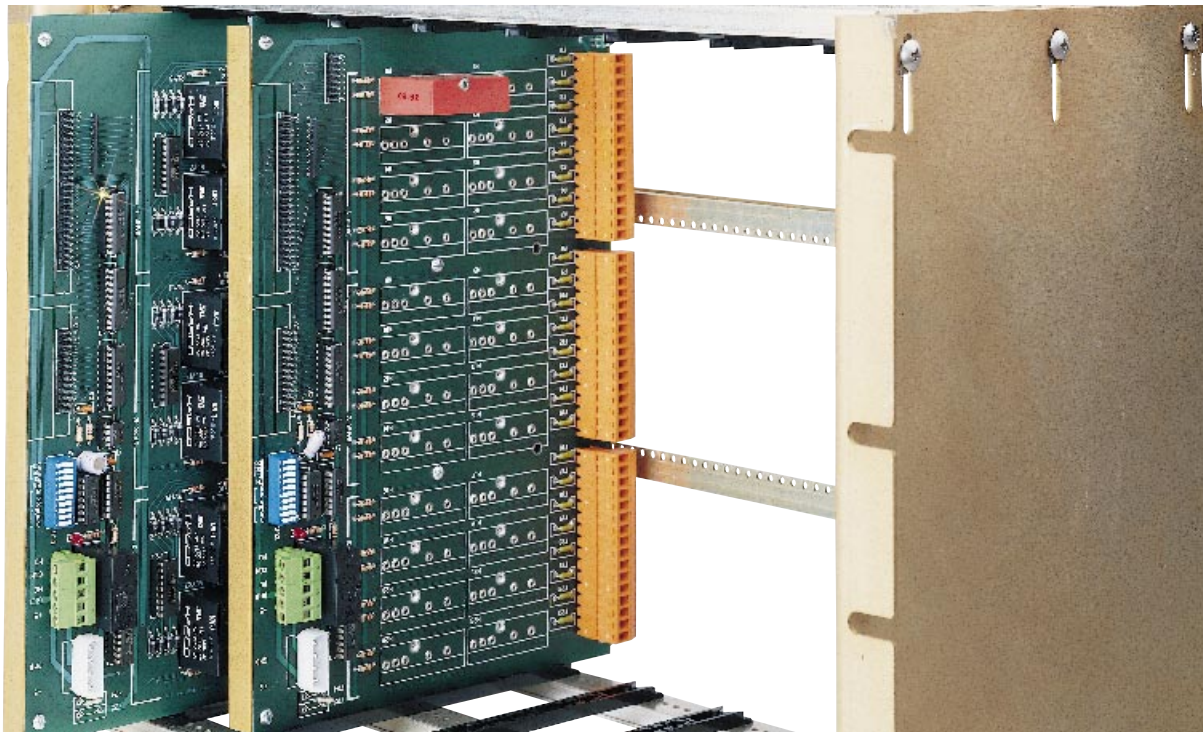


Real-World Digital I/O Interfaces

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 OMEGACARESM 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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• 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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• Pressure, Strain and Force

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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