

# Serial Power Control Interface

Model CA-3040

**\$370**

**The CA-3040 is no longer available. Please see the D1700 as a possible alternative or contact our Data Acquisition department for a suggestion.**



Module CA-3040 Front View

- ✓ Control up to 8 Digital Outputs with an RS-232 Link
- ✓ Programmable Power on State of Outputs
- ✓ Programmable Communication
- ✓ Accessories for Controlling High Power ac/dc Lines



Module CA-3040 Rear View

The OMEGA® CA-3040 serial power control interface is an intelligent device that may be connected to almost any computer through an asynchronous RS-232 serial port. By sending a simple command sequence, the CA-3040 lets you control up to eight different on-off type devices. To control high level ac and dc voltages, optional isolated relay interfaces are available. Where logic level signals are required the CA-3040 may be used directly.

The CA-3060 is a low cost, heavy duty relay module which allows logic level signals to switch high powered loads. It can be used with the CA-3040 or any other open collector type of relay driver. Each relay has optically isolated inputs for maximum protection from electrical shock and ground loop potentials. The CA-3040 operates on 115 Vac 50/60 Hz supply. Optional 220 Vac is available at no extra cost. Connection to the serial interface is made through a standard 25-pin subminiature D-type connector. A mating connector and backshell assembly are supplied with the unit.

## Specifications

### CA-3040 Interface

**Interface:** RS-232

**Signals Supported:** RS-232, Tx/D, Rx/D, GND

**Connectors:** Serial, DB-25S (female); Relay, #6 terminal strip

**Data Rate:** 50 to 9600 bps

**Outputs:** 8 open collector 15 mA maximum

**Power:** 115 Vac 50/60 Hz; to order 220 Vac, specify model CA-3040-220 (no extra charge)

**Dimensions:** 216 x 140 x 44 mm (8.5 x 5.5 x 1.75")

**Weight:** 1.81 kg (4 lb)

### CA-3060 Relay Module

**Interface:** Isolated solid state relay controlled ac power outlet

**Input Voltage:** 3 to 32 Vdc on, 1 Vdc max off

**Input Current:** 1 mA/V

**Load:** 140 Vac max @ 15A max, 24 Vac min

**AC Output Connectors:** 3 prong 120 Vac outlet

**AC Input:** 3 prong 120 Vac wall plug with 6 ft cord

**DC Control Input:** 2 pin terminal block

## To Order (Specify Model Number)

Model No.	Price	Description
CA-3040	\$370	Serial power control interface
CA-3060	155	Relay module

**Ordering Example:** CA-3040 serial power control interface, OMEGACARE<sup>SM</sup> 1-year extended warranty for CA-3040 (adds 1 year to standard 1-year warranty), plus eight CA-3060 relay modules, \$370 + 37 + 8(155) = \$1647.





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