C3IO-16

3-Series™ Control Card - 16 Versiport I/O Ports

The C3IO-16 is a 3-Series™ control card that provides sixteen Crestron® Versiport I/O ports. Each I/O port can function as a 0-10V analog input, a digital logic sensing input, or a digital logic output. The card is designed to install in a control card expansion slot of a 3-Series Control System® model PRO3 or AV3[1], or 3-Series Card Interface model CEN-CI3-1 or CEN-CI3-3.

SPECIFICATIONS

Connectors

I/O A1 – A8, B1 – B8: (2) 9-pin 3.5mm detachable terminal blocks comprising (16) "Versiport" digital input/output or analog input ports (referenced to GND);
Digital Input: Rated for 0-24 Volts DC, input impedance 20k Ohms, logic threshold >3.125V low/0 and <1.875V high/1;
Digital Output: 250mA sink from maximum 24 Volts DC, catch diodes for use with "real world" loads;
Analog Input: Rated for 0-10 Volts DC, protected to 24 Volts DC maximum, input impedance 21k Ohms with pull-up resistor disabled;
Programmable 5 Volts, 2k Ohms pull-up resistor per pin

Environmental

Temperature: 41° to 113°F (5° to 45°C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 8 BTU/Hr

Construction

Occupies one control card expansion slot of a 3-Series Control System® or 3-Series™ Card Interface

Weight

4.0 oz (114 g)

MODELS & ACCESSORIES

Available Models

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Notes:

1. AV3 requires CAGE3 Control Card Expansion Cage accessory to enable use of 3-Series control cards.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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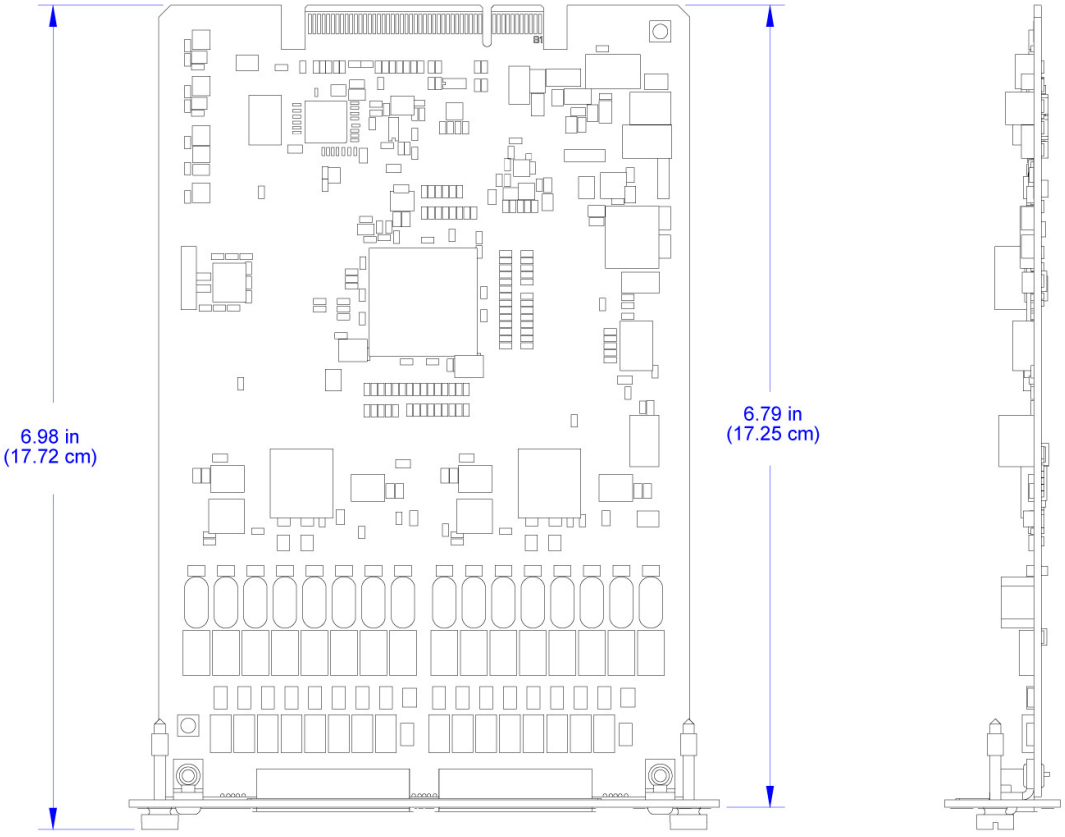

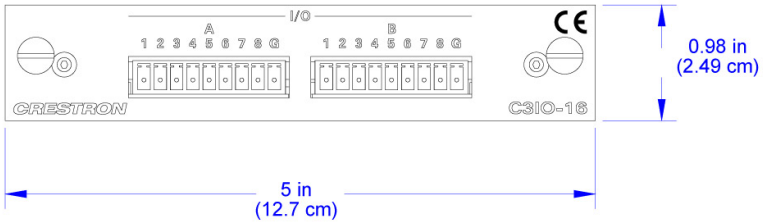

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Specifications subject to change without notice. Revised 01/31/13