

# C2N-SDC

## Shade and Drape Controller, 120V AC

The C2N-SDC is a 2-channel Shade and Drape Controller designed to provide a convenient and cost-effective solution for controlling a variety of motorized window treatments as well as motorized doors, sunroofs, lifts and projection screens. The C2N-SDC is a Cresnet® device with two independently controlled 120V AC outputs. Each output provides up/down or open/close control of a conventional three-wire bidirectional type motor. Built-in timing and interlock logic make it easy to program the C2N-SDC for failsafe operation.

The C2N-SDC mounts in the wall or ceiling using an off-the-shelf 4" square or 2-gang electrical box. Pushbuttons on the front of the unit allow for manual operation of the motors during installation and setup.



### SPECIFICATIONS

#### Load Ratings

**Motor Control Channels:** 2  
**Per Channel:** 7.5 Amps, 1/3 HP  
**Total:** 15 Amps  
**Load Types:** 3-Wire 120V AC bidirectional motors

#### Power Requirements

**Line Power:** 120 Volts AC, 50-60Hz, single-phase  
**Cresnet Power Usage:** 3 Watts (0.125 Amps @ 24 Volts DC)

#### Connections (rear)

**Hot:** (1) Class 1 flying lead, 14 AWG, black, line power input  
**Neutral:** (1) Class 1 flying lead, 14 AWG, white, neutral  
**Ground:** (1) Class 1 flying lead, 14 AWG, green, ground  
**Load 1 - 2:** (2) 4-pin terminal blocks comprising (2) independent 120V AC 3-wire bidirectional motor control outputs;  
Includes terminals for up/open drive (U), down/close drive (D), common/neutral (C), and ground;  
**Maximum Wire Size:** 14 AWG

#### Connectors (front)

**NET:** (2) 4-pin 3.5mm detachable terminal blocks;  
Cresnet slave ports, paralleled;  
Connect to Cresnet control network

#### Buttons

**1 UP/DOWN:** (2) buttons for local control of output #1  
**2 UP/DOWN:** (2) buttons for local control of output #2  
**SETUP:** (1) button used for touch-settable ID (TSID)

#### LED Indicators

**PWR:** (green) Indicates DC power supplied from Cresnet network  
**NET:** (yellow) Indicates communication with the Cresnet system  
**SETUP:** (red) used for touch-settable ID (TSID)

#### Environmental

**Temperature:** 41° to 122°F (5° to 50°C)  
**Humidity:** 10% to 90% RH (non-condensing)

#### Enclosure

Flat metal plate mountable in a 4-inch square or 2-gang electrical box, 1.5 inch minimum depth; mount 2-gang box horizontally to maintain correct orientation

#### Dimensions

**Height:** 4.10 in (104.1 mm)  
**Width:** 4.10 in (104.1 mm)  
**Depth:** 1.15 in (29.2 mm)

#### Weight

0.55 lb (0.25 kg)

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## MODELS & ACCESSORIES

### Available Models

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**C2N-SDC:** Shade and Drape Controller, 2 outputs for 120 VAC 3-wire bidirectional motors

### Available Accessories

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**CRESNET-HP-NP:** Cresnet® “High-Power” Control Cable, non-plenum

**CRESNET-NP:** Cresnet® Control Cable, non-plenum

**CRESNET-P:** Cresnet® Control Cable, plenum

Notes:

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](http://www.crestron.com/salesreps) or by calling 800-237-2041.

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## CAD DRAWINGS

