

Shade and Drapery Controller, 120V AC

The C2N-SDC is a 2-channel Shade and Drapery 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

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

Available Accessories

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 or by calling 800-237-2041.

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CAD DRAWINGS

