

C2N-SDC-DC

Shade and Drape Controller, 24V DC

The C2N-SDC-DC is a 2-channel Shade and Drape Controller designed to provide a convenient and cost-effective solution for controlling 24 Volt DC motorized shades and drapes. The C2N-SDC-DC is a Cresnet® device with two independently controlled 24V DC outputs, each designed to provide standard up/down or open/close control of a conventional two-wire bidirectional type motor.

The C2N-SDC-DC 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: 30 Watts (1.25 Amps) @ 24 Volts DC
Total: 30 Watts (1.25 Amps) @ 24 Volts DC
Load Type: 2-Wire 24V DC bidirectional motors, Somfy® LT28B or similar

Power Requirements

Cresnet Power Usage: Up to 33 Watts (1.38 Amps @ 24 Volts DC) depending on motor load, dedicated power supply recommended

Connections – Front Panel

AB 1 – 2: (2) 2-pin 3.5mm detachable terminal blocks providing (2) 24V DC 2-wire bidirectional motor control outputs
NET: (1) 4-pin 3.5mm detachable terminal block; Cresnet slave port, connects 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



Dimensions

Height: 4.10 in (104.2 mm)
Width: 4.10 in (104.2 mm)
Depth: 1.16 in (29.5 mm)

Weight

0.55 lb (0.25 kg)

MODELS & ACCESSORIES

Available Models

C2N-SDC-DC: Shade and Drape Controller, 2 outputs for 24 VDC 2-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

