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C2N-SDC-DC

Shade and Drapе Controller, 24V DC

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Product Description

The C2N-SDC-DC is a 2-channel Shade and Drapе 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.

Product Resources



[Zoomable Drawing \(Large\)](#) | [Zoomable Drawing \(Small\)](#)



[Installation and Operations Guide \(PDF - 1.9 M\)](#)

Doc. No. 6373

Rev. Date: 7/1/2005



[Cad Files \(ZIP - 451 K\)](#)

Rev. Date: 7/15/2006

Technical 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
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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 (10.42 cm)
Width	4.10 in (10.42 cm)
Depth	1.16 in (2.95 cm)

Weight

0.55 lb (0.25 kg)

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