



C2N-SDC

Shade and Drapе Controller, 120V AC

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Product Description

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

Product Resources



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



[Installation and Operations Guide \(PDF - 2.0 M\)](#)

Doc. No. 6316

Rev. Date: 1/1/2005



[Cad Files \(ZIP - 217 K\)](#)

Rev. Date: 11/22/2006

Technical 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 (10.41 cm)
Width	4.10 in (10.41 cm)
Depth	1.15 in (2.92 cm)
Weight	
0.55 lb (0.25 kg)	

High-Res Photos

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