



## C2N-SSC-2

Somfy® Shade Controller

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Zoomable Photo

Small

Large

### Product Description

The C2N-SSC-2 Somfy Shade Controller is a compact Cresnet device designed to provide a bidirectional serial interface for up to two Somfy ILT Intelligent Shade Motors. Window treatments equipped with the Somfy ILT motor offer enhanced capability compared to typical three-wire models.

In addition to basic open/close commands, the C2N-SSC-2 allows for setting each shade to a specific position and polling for its current position with 16-bit precision. Feedback signals provide confirmation of each motor's activity to enable precise, predictable control, even from a remote location. Limit adjustments are set electronically using buttons provided on the face of the unit, and up to 20 presets for each output can be saved onboard the C2N-SSC-2 for easy recall through the control system. The C2N-SSC-2 mounts discreetly to any flat surface and requires a simple Cresnet connection to the control system.

### Product Resources



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



[Installation and Operations Guide](#) (PDF - 1.6 M)

**Doc. No.** 6318

**Rev. Date:** 11/1/2004



[Cad Files](#) (ZIP - 147 K)

**Rev. Date:** 11/22/2006



[Example Program](#) (ZIP - 288 K)

**Rev. Date:** 1/20/2006

### Technical Specifications

#### Connectors

**1 - 2**

(2) 4-position, 4-conductor RJ11 female;  
Intelligent Shade Motor control ports;  
Each port provides proprietary serial control of (1) Somfy ILT shade motor;  
Maximum Cable Length: 50 ft (15 m)

**NET**

(1) 4-pin 5mm detachable terminal block;  
Cresnet slave port, connects to Cresnet control network

#### Buttons

<b>UP LIMIT (1 – 2)</b>	(2) buttons select up limit adjust mode for either motor
<b>DWN LIMIT (1 – 2)</b>	(2) buttons select down limit adjust mode for either motor
<b>Λ</b>	(1) button moves selected shade up while in limit adjust mode
<b>v</b>	(1) button moves selected shade down while in limit adjust mode
<b>SETUP</b>	(1) button used for touch-settable ID (TSID)

**LED Indicators**

<b>PWR</b>	(green) Indicates DC power supplied from Cresnet network
<b>NET</b>	(yellow) Indicates communication with the Cresnet system
<b>SETUP</b>	(red) For touch-settable ID (TSID), updating firmware, and setting limits

**Power Requirements**

<b>Cresnet Power Usage</b>	1.0 Watt (0.04 Amps @ 24 Volts DC)
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**Environmental**

<b>Temperature</b>	41° to 122°F (5° to 50°C)
<b>Humidity</b>	10% to 90% RH (non-condensing)

**Enclosure**

Black metal, surface mount box with (2) integral mounting flanges

**Dimensions**

<b>Height</b>	0.94 in (2.39 cm)
<b>Width</b>	2.14 in (5.44 cm)
<b>Depth</b>	3.83 in (9.73 cm)

**Weight**

0.25 lb (0.11 kg)

## High-Res Photos

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