

C2N-SSC-2

Somfy® Shade Controller

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⁽¹⁾ 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.



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⁽¹⁾ 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

- UP LIMIT (1 – 2): (2) buttons select up limit adjust mode for either motor
- DWN LIMIT (1 – 2): (2) buttons select down limit adjust mode for either motor
- ^: (1) button moves selected shade up while in limit adjust mode
- V: (1) button moves selected shade down while in limit adjust mode
- 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) For touch-settable ID (TSID), updating firmware, and setting limits

Power Requirements

Cresnet Power Usage: 1.0 Watt (0.04 Amps @ 24 Volts DC)

Environmental

- Temperature: 41° to 122°F (5° to 50°C)
- Humidity: 10% to 90% RH (non-condensing)

Enclosure

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

Dimensions

- Height: 0.94 in (23.9 mm)
- Width: 2.14 in (54.4 mm)
- Depth: 3.83 in (97.3 mm)

Weight

0.25 lb (0.11 kg)

MODELS & ACCESSORIES

Available Models

C2N-SSC-2: Somfy® Shade Controller, 2 digital outputs for Somfy ILT 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

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Notes:

1. The C2N-SSC-2 is only compliant with Somfy ILTv1 shades. For Somfy ILTv2 shades, use the modules available at the I2P website: [Integrated Partner Modules](#).

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

