

CSM-QMTDC-163-1-CN

Digital QMT® Shade Motor for QMT3 Series, 3/4 Nm, Cresnet®

NOTE: The CSM-QMTDC-163-1-CN is only available as part of a Crestron® shade system and cannot be ordered on its own. To configure shades or order shading parts and accessories, please use the Crestron Design Tool for Crestron Shading Solutions or call 1-855-53-S-H-A-D-E (537-4233) for support. Featuring Digital Quiet Motor Technology?, the CSM-QMTDC-163-1-CN motor provides quiet yet robust operation

for Crestron® roller shades 17.5 in (445 mm) and larger.[1] Fully integrated electronics eliminate the need for bulky add-on interface modules, allowing for a clean, streamlined installation. The CSM-QMTDC-163-1-CN uses the dependable Cresnet® wired network for communications. An infiNET EX® wireless version of the motor is also available (model CSM-QMTDC-163-1-EX).

The CSM-QMTDC-163-1-CN can integrate seamlessly into a Crestron control system to be operated from keypads, wireless remotes, and touch screens. For easy setup, a local three-button interface lets users test shades after installation and also set shade limits. Power is supplied to the CSM-QMTDC-163-1-CN via dedicated Crestron power supplies, such as the CSA-PWS40 or CSA-PWS10S-HUB. The CSA-PWS10S-HUB is capable of distributing power to multiple shade motors from one unit, consolidating shade wiring to a central location.

Quiet Motor Technology

The shade motor utilizes the quiet, precision-controlled Quiet Motor Technology to control the movement of the shade, keep track of the shade's position, and adjust the shade to the user's desired preset positions.

Cresnet

The shade motor uses the dependable Cresnet wire network for communication between devices. The Cresnet bus offers easy wiring and configuration, carrying bidirectional



SPECIFICATIONS

Motor Specifications

Torque: 3/4 Nm

Motor Speed: 10-30 rpm

Duty Cycle: 8 min on/40 min off @ 3/4 Nm

Shade Widths Supported: 17.5 in to 96 in (445 mm to 2439 mm), depending on fabric

Power Requirements

Cresnet® Power Usage: 42.5 Watts (1.8 Amps @ 24 Volts DC);

Communications

Cresnet

Connectors

NET: (1) 4-conductor pigtail with inline detachable terminal block

Controls & Indicators

LED: (1) Multicolor LED, indicates motor status

Buttons: (3) Pushbuttons (DN, SET, UP), allows for testing

CSM-QMTDC-163-1-CN

Digital QMT® Shade Motor for QMT3 Series, 3/4 Nm,

and setting up shade

Environmental

Temperature: 32° to 104° F (0° to 40° C)

Humidity: 10% to 90% RH (non-condensing)

Dimensions

Diameter: 1 5/8 in (42 mm) motor end; 1 3/8 in (35 mm)

idler

Length: 13 1/4 in (337 mm)

Weight (without cables)

14.2 oz (402 g)

ACCESSORIES

CSA-PWS40:

Notes:

1. The maximum shade width supported by motor is dependent on the shade fabric selected.

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.

com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at:

patents.crestron.com.

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