CSM-QMTDC-256-2-CN

Digital QMT™ Shade Motor for 21-Inch Roller Shades and Larger, 2 Nm, Cresnet®

- *For Crestron® Architectural or Décor single roller shades 21 inches (534 mm) and larger*
- *Long-life, brushless motor featuring Digital Quiet Motor Technology™ for nearly imperceptible operation*
- *Built-in Cresnet® wired communications*
- *Fully integrated design, with no external modules required*
- *24 Volt low-voltage power*
- *Installs within shade motor tube*
- *Provides real-time activity and status feedback to processor*

NOTE: The CSM-QMTDC-256-2-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-256-2-CN motor provides quiet yet robust operation for Crestron® Architectural and Décor single roller shades 21 inches (534 mm) and larger. Fully integrated electronics eliminate the need for bulky add-on interface modules, allowing for a clean, streamlined installation. The CSM-QMTDC-256-2-CN uses the dependable Cresnet® wire network for communications. An infiNET EX® wireless version of the motor is also available (model CSM-QMTDC-256-2-EX).

The CSM-QMTDC-256-2-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-256-2-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.

QMT Digital Quiet Motor Technology

The Crestron CSM-QMTDC-256-2-CN shade motor utilizes the quiet, precision-controlled Quiet Motor Technology (QMT) 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 CSM-QMTDC-256-2-CN uses the dependable Cresnet wire network for communication between devices. The Cresnet bus offers easy wiring and configuration, carrying bidirectional communication and 24VDC power to each device over a simple four-conductor cable.

SPECIFICATIONS

Motor Specifications

Torque: 2 Nm
Motor Speed: 10-25 rpm

Duty Cycle: 8 min on/20 min off @ 2 Nm
Shade Widths Supported: 21 in to 120 in (534 mm to 3048 mm)
Insulation Class: III

Power Requirements

Cresnet Power Usage: 36 Watts (1.5 Amps @ 24 Volts DC); requires a CSA-PWS series power supply, see Available Accessories for model numbers

Communications

CSM-QMTDC-256-2-CN: 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 and setting up shade

Environmental

Temperature: 32° to 104°F (0° to 40°C)
Humidity: 10% to 90% RH (non-condensing)

Dimensions

Height: 2.5 in (64 mm)
Width: 2.5 in (64 mm)
Length: 13.3 in (338 mm)

Weight

1.95 lb (0.89 kg)

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MODELS & ACCESSORIES

Available Models

CSM-QMTDC-256-2-CN: Digital QMT™ Motor for 21-Inch Roller Shades and Larger, 2 Nm, Cresnet®

Available Accessories

CSA-PWS40: Power Pack for Crestron® Shade Interface
CSA-PWS10S-HUB: 10-Shade Power Supply and Cresnet® Hub
CSA-PWS10S-HUB-CAEN-1X1: 10-Shade Power Supply and Cresnet® Hub w/CAEN 1X1 Enclosure

Notes:

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

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