

Bottom-Up FlexShade® – Motorized

Please check all appropriate selections and attach room schedule with verified dimensions.

Fabric Series: _____

Color Name / Number: _____

Openness Factor: _____

Please see Draper's [Fabric Options](#) page for fabric colors and specifications.

Select Hardware

Top Roller

- Endcaps Only
- Endcaps and Fascia
- Headbox
 - Ceiling/Wall (Surface Headbox)
 - Pocket Style

Bottom Roller

- Endcaps Only
- Endcaps and Fascia
- Optional Headbox
 - Ceiling/Wall (Surface Headbox)
 - Pocket Style (Note: without Closure panel)

Select Hardware Finish

- Clear Anodized (standard)
- Black Ivory
- White Bronze

Select Fabric Orientation*

- Regular Roll (from back of roller)
- Reverse Roll (from front of roller)

Please Note: Bottom-up FlexShade is not recommended for inclined installation due to a tendency to sag in the fabric panel.

*** Reverse Roll is accomplished by installing the Bottom-Up FlexShade backwards in the window. However, Draper needs to know if you are planning to install in this configuration so we can ensure the proper side of the fabric is facing the window.**

Select Shade Operating System

- Standard AC Motors**
 - Sonesse Motor (Standard)
 - Sonesse Ultra Motor
- RTS AC Motors**
 - Sonesse RTS Motor
 - Sonesse Ultra RTS Motor
- 485 AC Motors**
 - Sonesse RS485 Motor
 - Sonesse Ultra RS 485 Motor
- Intelliflex I/O 120V I/O Motor**
 - 6 NM AC Motor



PROJECT: _____

ARCHITECT: _____
CONTRACTOR: _____
SUPPLIER: _____
DATE: _____ REVISED: _____

Specifications

HARDWARE

ROLLERS: Extruded aluminum or steel. Roller assembly easily removable.

ROLLER IDLER ASSEMBLY: Type 6/16 injected molded nylon and a zinc-plated cold rolled steel pin. Sliding pin for easy installation and removal of the roller.

ENDCAPS: 1028 steel stamping. 2 sizes: 3¼" x 3¾" and 4½" x 4½". Complete with adapter roller bracket. Installs to wall, ceiling, or jamb. Accepts fascia or headbox.

ENDCAP COVERS: Plastic covers snap onto endcaps. Available in ivory, bronze, black or white to match fascia.

FABRIC RETAINIER: ¼" OD .17" ID linear low-density polyethylene tubing, inside heat seamed hem.

HEM-BAR: Machine extruded aluminum, finished to match fascia. Clear Anodized (standard), black, white, ivory, or bronze powder coat finish available. Includes built-in pulley assemblies for lifting cables.

LIFTING CABLE: 0.046" OD 7x19 strand low-stretch high fatigue nylon-coated cable.

FASCIA: "L" cover of extruded aluminum, .060 wall. Assembly snaps onto endcaps without exposed fasteners. Clear Anodized (standard), black, white, ivory, or bronze powder coat finish available.

HEADBOX: Standard consists of fascia, L-shaped back/top cover. Assembly snaps onto endcaps. Optional, for pocket installation, includes a U-shaped back/top/front cover. Small size: 3⁷/₈" x 3¹⁵/₁₆". Large size: 4¹¹/₁₆" x 4¹¹/₁₆". Some exposed fasteners required.

Standard AC Motors

EQUIPMENT

SONESSE 506 (C047.250): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.2 Amps. Sound level ≤ 45 dBA.

SONESSE 510 (C047.251): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.67 Amps. Sound level ≤ 47 dBA.

SONESSE ULTRA 506 (C047.244): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 0.95 Amps. Sound level ≤ 38 dBA.

RTS AC Motors

EQUIPMENT

SONESSE RTS 506 (C047.248): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor standard. Left hand available. Built-in radio receiver. Limit switches adjustable by wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120VAC 1 PH 60 HZ current. Draws 1.2 Amps. Sound level ≤ 44 dBA.

SONESSE RTS 510 (C047.249): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor standard. Left hand available. Built-in radio receiver. Limit switches adjustable by wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120VAC 1 PH 60 HZ current. Draws 1.66 Amps. Sound level ≤ 47 dBA.

SONESSE ULTRA RTS 506 (C047.245): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor standard. Left hand available. Built-in radio receiver. Limit switches adjustable by wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 0.95 Amps. Sound level ≤ 38 Db.

485 AC Motors

EQUIPMENT

SONESSE 506 RS485 (C047.246): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Built-in encoder and low voltage controller with data cable. Limits adjustable using limit setting tool or motor configuration software. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.2 Amps.

SONESSE 510 RS485 (C047.247): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Built-in encoder and low voltage controller with data cable. Limits adjustable using limit setting tool or motor configuration software. Thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.67 Amps.

SONESSE ULTRA 506 (C047.244): Drive unit inside roller, 4-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Adjustable limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 0.95 Amps. Sound level ≤ 38 dBA.

Intelliflex I/O Motors

EQUIPMENT

INTELLIFLEX I/O 6NM AC MOTOR (C047.300): Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand or left hand operation selectable during programming. Adjustable electronic limit switches, thermal overload protector and electric brake. Operates on 110-120V AC 1 PH 60 HZ current. Draws 1.0 Amps. Sound level ≤ 42 dBA.

MOTOR LIMIT TOOL (C202.030): Used to program the limits, operating direction and preset stops for individual or networks of Draper intelligent motors.

NETWORK DEVICE CONNECTOR (C156.267): Used to connect IntelliFlex I/O devices into a network. Distributes both power and communications between devices.

WIRED WALL SWITCH (SINGLE ZONE - C112.161; DUAL ZONE - C112.162): Intelligent low voltage control device providing in-wall user interface. Communicates directly with intelligent motors. Uses priority based command structure which allows multiple switches to have different levels of authority.

WIRELESS REMOTE (C156.270): Display allows up to 32 channels. Touch control to position shades. Can be used as a simple commissioning tool.

WIRELESS NETWORK GATEWAY (C156.268): Required to use the wireless remote in a wired network.

AIV GATEWAY (C156.269): Used to integrate with 3rd party control systems. Supports RS-232 and RS-485. Contact closure inputs. Low voltage trigger. IR receiver input. LCD display allows for commissioning of serial groups.

CONTACT CLOSURE INTERFACE (C156.273): Used to connect simple switches or other contact closure devices into the network. Up to 6 contacts. Push buttons for commissioning.

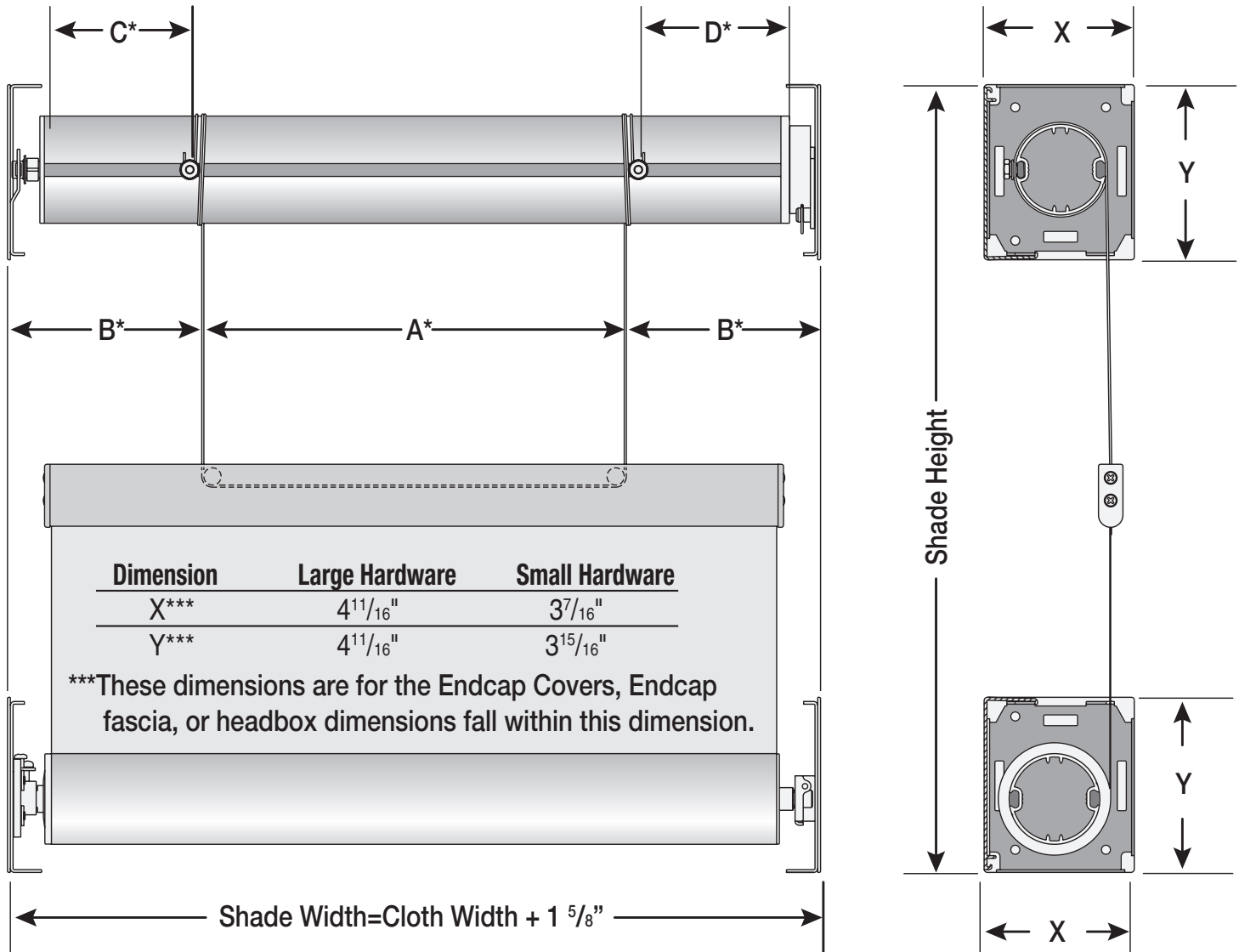
Please note: Dimensions of rollers, operators and hardware at manufacturer's discretion.

PATENT INFORMATION: available at www.draperinc.com/legal/patents

Downloadable 3-part specifications: available at www.draperinc.com.

Bottom-Up FlexShade® – Motorized

Dimensions—Motorized



*These dimensions are different for each shade and are provided by Draper with your order.

Dimension "A" is a vertical cable spacing.

Dimension "B" is the distance from the vertical cable spacing to the vertical edge of the shade.

Dimension "C" is the distance from the Idler-End of the tube to the center of the cable attachment stud.

Dimension "D" is the distance from the Operator-End of the tube the center of the cable attachment stud.

Wiring Diagrams

Please Note: 1' (30cm) motor lead with male M12 connector provided attached to each shade motor. Other motor cables available upon request:

• 5' (1.5m) cable with female M12 Connector

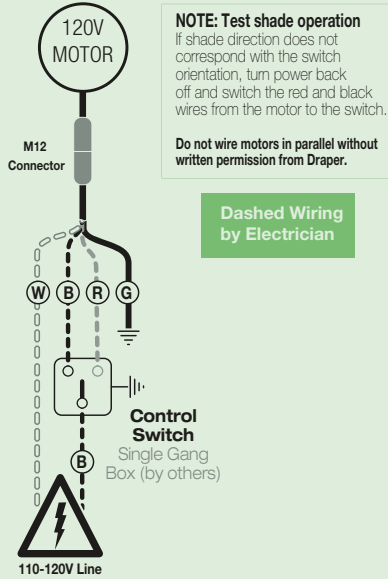
• 3' (0.91m) cable with female M12 Connector

• 6' (1.83m) cable with female M12 Connector

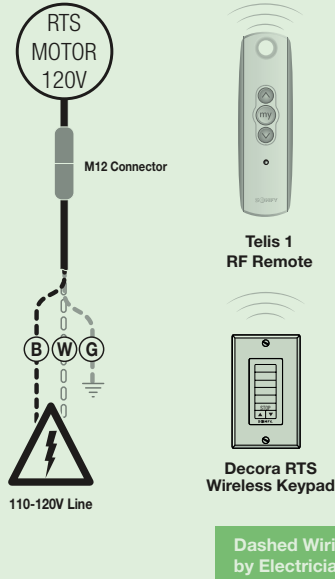
• 10' (3m) cable with female M12 Connector

• 24' (7.32m) cable with female M12 Connector

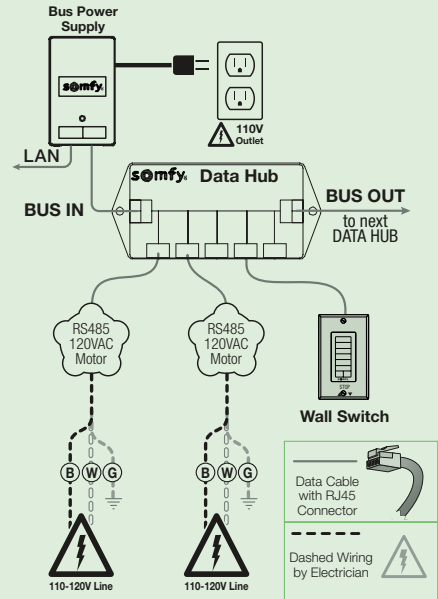
Controls & System Overview Standard AC Motors



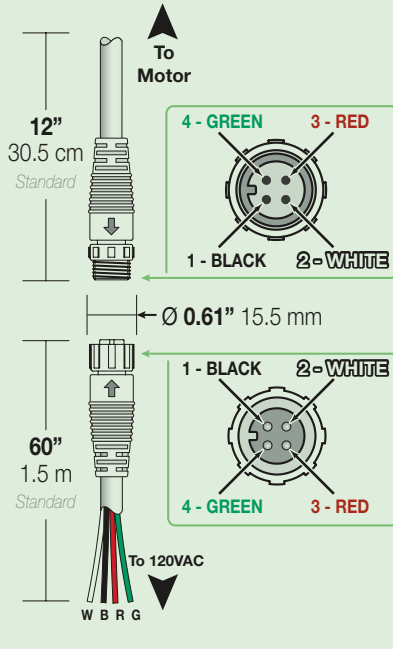
Controls & System Overview RTS AC Motors



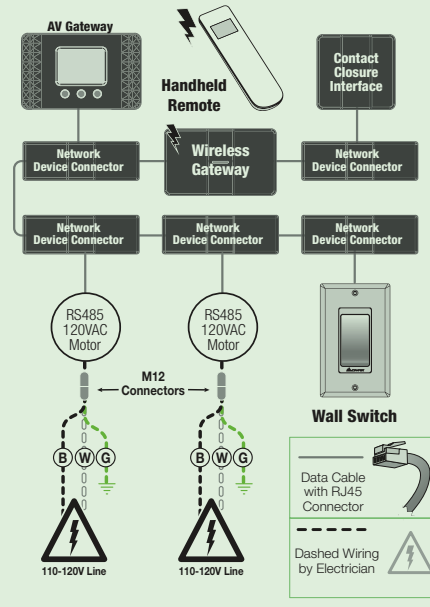
Controls & System Overview 485 AC Motors



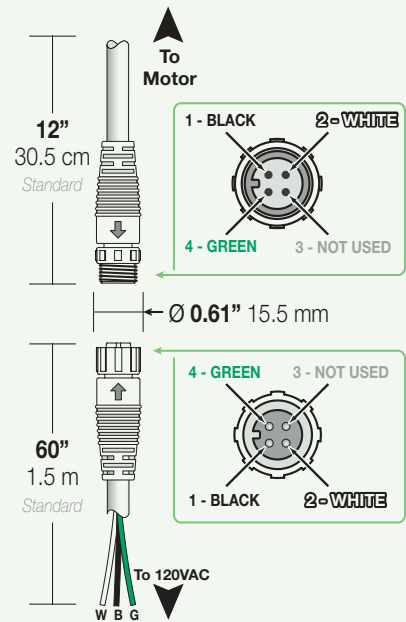
M12 Connector for 4-Wire Motors



Controls & System Overview IntelliFlex I/O AC Motors



M12 Connector for 3-Wire Motors



Data Cable Pin-Out - RJ45 Connector

