

FlexShade® InsideTrack

Shade with light blocking side channels

SUBMITTAL

TECHNICAL INFO

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

FLEX INSTRAC MO

Fabric Series: _____

Color Name / Number: _____

Openness Factor: _____

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

Select Optional Headbox

- ☐ Fascia
☐ Surface Headbox

Select Hardware Finish

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

Select Motor Location

As seen from INSIDE the room facing the window.
 Also indicate on room schedule.

- ☐ Right Side (standard)
☐ Left Side

Select Motor Type

- ☐ Sonesse Motor (standard)
☐ Standard 4-wire
☐ RTS
☐ Intelliflex I/O Motor, 6Nm AC
☐ Intelliflex I/O 45 DC

Select Control Options

- ☐ 120V Wall Switch for Single Shade Control
☐ Low Voltage and/or Multiple Shade Control

Available Sizes*

WIDTH:	2'	3'	4'	5'	6'	7'	8'
HEIGHT							
2'							
3'							
4'							
5'							
6'							
7'							
8'							

* Sizes will vary according to fabric.



Draper, Inc. | 411 S. Pearl St. Spiceland, IN 47385
 draperinc.com | 765.987.7999 | 800.238.7999
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PROJECT: _____

ARCHITECT: _____

CONTRACTOR: _____

SUPPLIER: _____

DATE: _____ REVISED: _____

Specifications

EQUIPMENT

SONESSE 120V AC ELECTRIC OPERATOR:

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 HP 60 HZ current. Draws 1.1 Amps. For controls, see IntelliFlex® Controls Reference Sheet and IntelliFlex Controls Planning Sheet.

SONESSE ULTRA 120V AC ELECTRIC OPERATOR:

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 HP 60 HZ current. Draws 1.1 Amps. Operates at or below sound level of 38 Db. For controls, see IntelliFlex® Controls Reference Sheet and IntelliFlex Controls Planning Sheet. Call Draper for size limitations when using quiet motors.

SONESSE RTS 120V RADIO TECHNOLOGY ELECTRIC OPERATOR:

Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Built-in radio receiver. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 HP 60 HZ current. Draws 1.1 Amps. Operates at or below sound level of 44 Db. Call Draper for size limitations when using quiet motors.

SONESSE RTS ULTRA 120V RADIO TECHNOLOGY ELECTRIC OPERATOR:

Drive unit inside roller, 3-wire, instantly reversible, lifetime lubricated. Right hand motor location standard. Left hand available. Built-in radio receiver. Limit switches adjustable using wall switch or remote control. Thermal overload protector and electric brake. Operates on 110-120V AC 1 HP 60 HZ current. Draws 1.1 Amps. Operates at or below sound level of 38 Db. Call Draper for size limitations when using quiet motors.

INTELLIFLEX I/O 6NM AC MOTOR (C047.310):

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 220-230V AC, 1 PH, 50 HZ current. Draws 0.55 Amps. Sound level ≤ 42 dBA.

MOTOR LIMIT TOOL (C202.060): 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.

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.

INTELLIFLEX I/O 2NM DC MOTOR (C047.288):

Drive unit inside roller, 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 36V DC Draws 0.5 Amps. Sound level ≤ 38 dBA. Adjustable speed from 5-28RPMs.

INTELLIFLEX I/O 4NM DC MOTOR (C047.342):

Drive unit inside roller, 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 36V DC Draws 2.0 Amps. Sound level ≤ 38 dBA. Adjustable speed from 5-28RPMs.

MOTOR LIMIT TOOL (C202.060): Used to program the limits, operating direction and preset stops for individual or networks of Draper intelligent motors.

6 MOTOR POWER PANEL (C156.315): Used to distributed power to up to 6 I/O LVDC motors. Automatic voltage selection (24V or 36V) device dependent. Quick connect/disconnect

Each motor port is isolated from others. Built in IP connectivity. Scalable to be used with any number of motors.

6 Motor Power Panel Dimensions: 9" x 10 ¼" x 1 ⅞" (227 x 260 x 43mm).

Available in UL Certified Enclosure: (C156.315SA) Dims: 12" x 18" x 2" (432 x 260 x 51mm).

12 MOTOR POWER PANEL (C156.316): Used to distributed power to up to 12 I/O LVDC motors. Automatic voltage selection (24V or 36V) device dependent. Each motor port is isolated from others. Built in IP connectivity. Scalable to be used with any number of motors.

12 Motor Power Panel Dimensions: 10 ¼" x 17 ⅞" x 1 ⅞" (260 x 432 x 43mm).

Available in UL Certified Enclosure: (C156.316SA) DIMS: 24" x 18" x 2" (610 x 457 x 51mm).

LVDC-NDC (C156.321): Used to connect IntelliFlex I/O devices into motor port located on power supply. Device port isolated to minimize device and wiring failures.

NETWORK DEVICE CONNECTOR NDC1 (C156.322):

Used to connect IntelliFlex I/O devices into a network. Distributes both power and communications between devices. Device port isolated to minimize device and wiring failures.

NETWORK DEVICE CONNECTOR NDC3 (C156.311):

Used to connect up to 3 (three) IntelliFlex I/O devices into a network. Distributes both power and communications between devices. Device ports isolated to minimize device and wiring failures.

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.

HARDWARE

ROLLER: 2 ⅝" (60 mm) dia., extruded aluminum.

ROLLER IDLER ASSEMBLY: Type 6 / 6 injected molded nylon and spring-loaded pin for easy installation of the roller.

HEM BAR: Weighted aluminum. Optional bottom liners.

SIDE CHANNELS: No exposed fasteners. Color to match mounting hardware.

SIZE: 1 ⅞" x 1 ¼" (37 mm x 44mm)

FINISH: Clear anodized (standard), black, white, ivory or bronze powder coat.

ENDCAPS: 1028 steel stamping. **SIZE:** 4 ½" x 4 ½" (114x114mm). Complete with adapter roller bracket. Installs to wall, ceiling, or jamb. Accepts fascia or surface headbox.

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

FASCIA: L-shaped cover of extruded aluminum, .060 wall. Assembly snaps onto endcaps without exposed fasteners. Clear anodized (standard), black, white, ivory, or charcoal bronze finish available.

HEADBOX: Standard consists of fascia, L-shaped back/top cover. Assembly snaps onto endcaps. 3 ¾" x 3 ¾" (86 x 98 mm).

ZIPPER: Zipper is to be heat welded to the edges of fabric. The zipper prevents the fabric from being pulled out of the side channel, and makes the product very wind resistant.

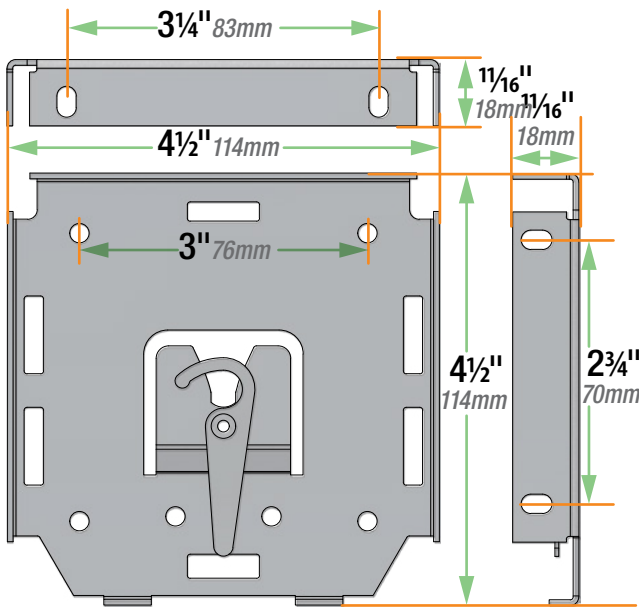
DOWNLOADABLE 3-PART SPECIFICATIONS:

available at www.draperinc.com.

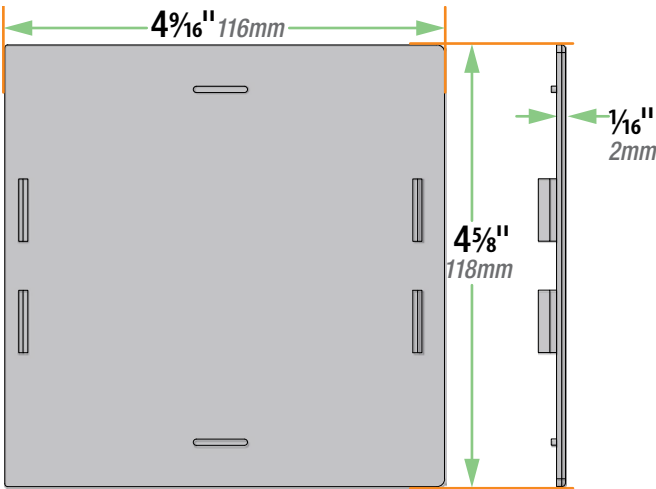
Please note: Dimensions of rollers, operators and hardware at manufacturer's discretion.

Hardware Dimensions

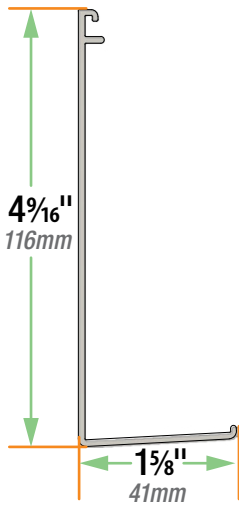
ENDCAP
DIMENSIONS



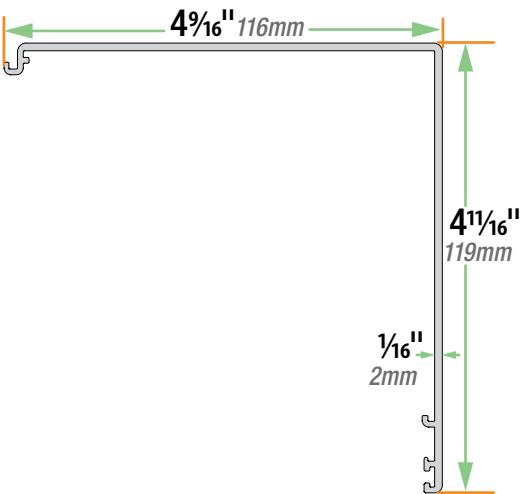
ENDCAP COVER
DIMENSIONS



FASCIA / FRONT COVER FOR
SURFACE HEADBOX
DIMENSIONS



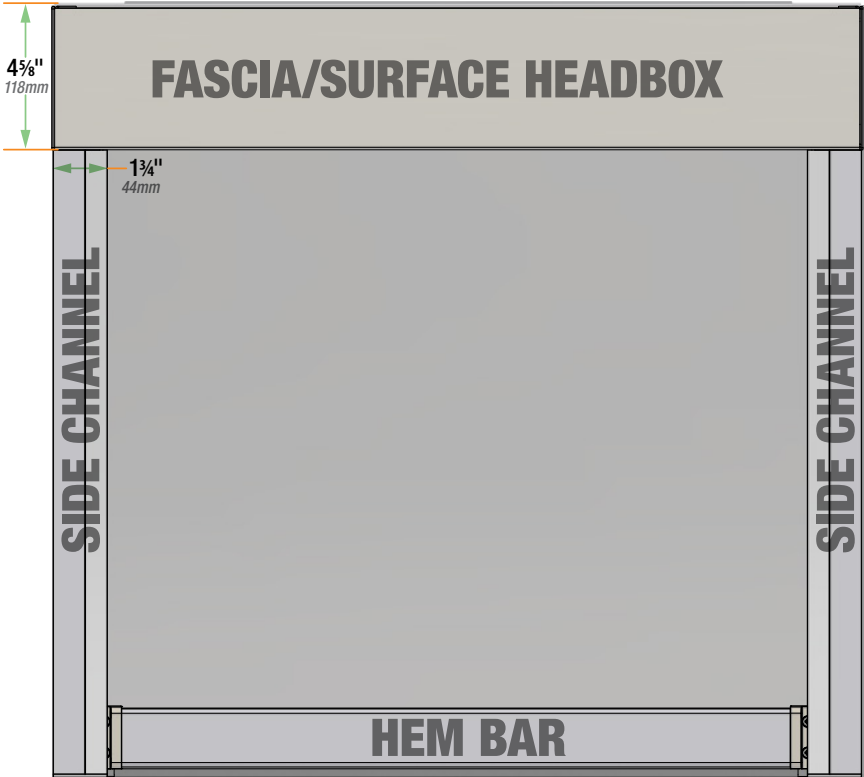
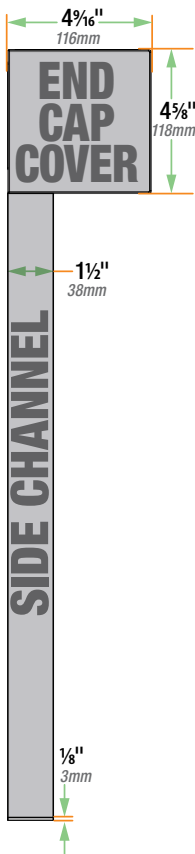
BACK COVER FOR
SURFACE HEADBOX
DIMENSIONS



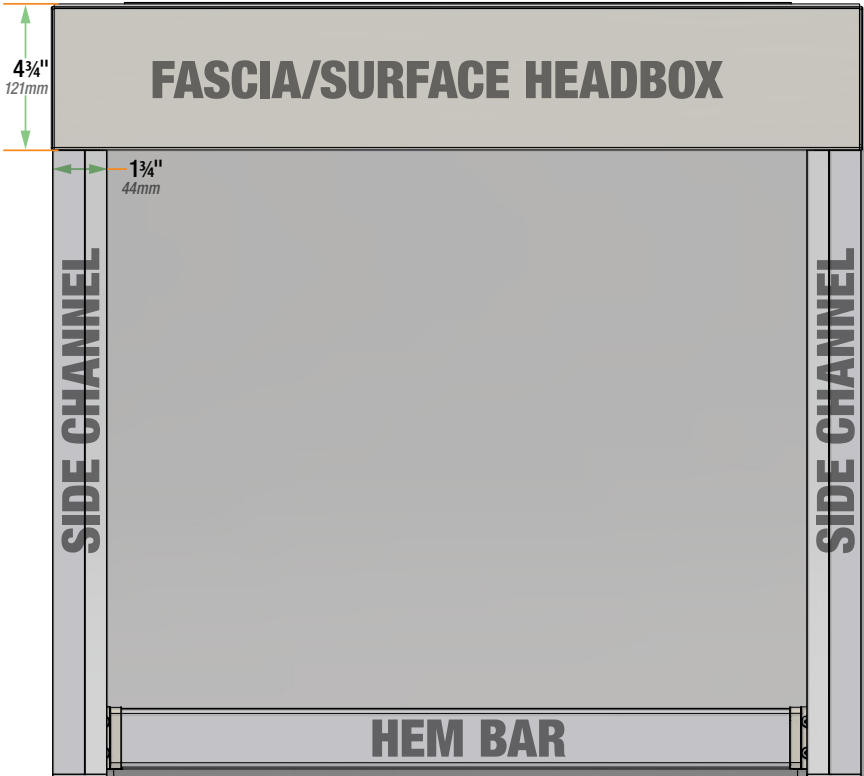
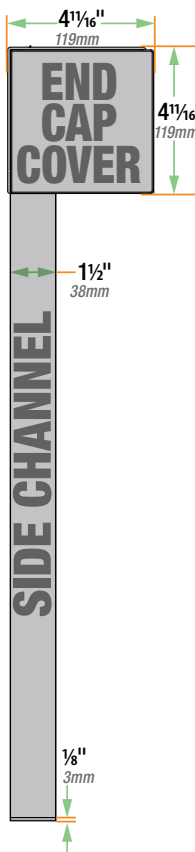
Overall Dimensions

Please Note: Fascia Overall Width includes plastic endcap covers.
Pair adds 1/8" (3 mm) to Overall Width)

OVERALL
DIMENSIONS:
FASCIA &
ENDCAPS



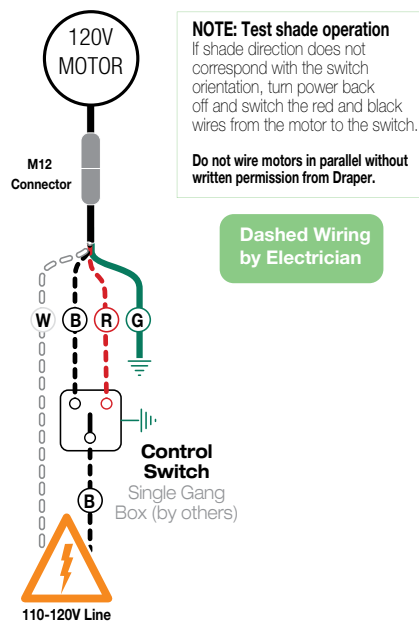
OVERALL
DIMENSIONS:
SURFACE
HEADBOX



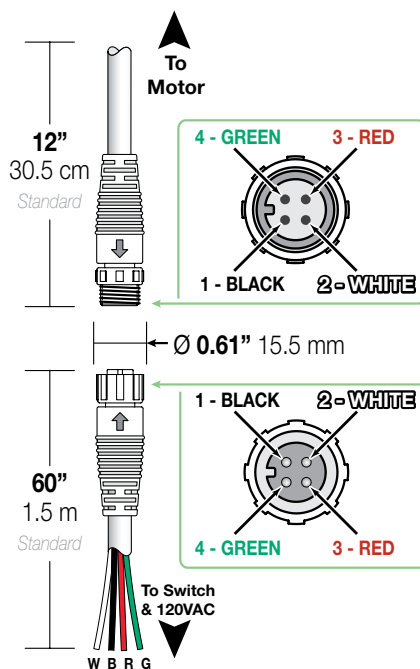
Wiring Diagrams

Controls & System Overview

Sonesse® 120VAC Motors

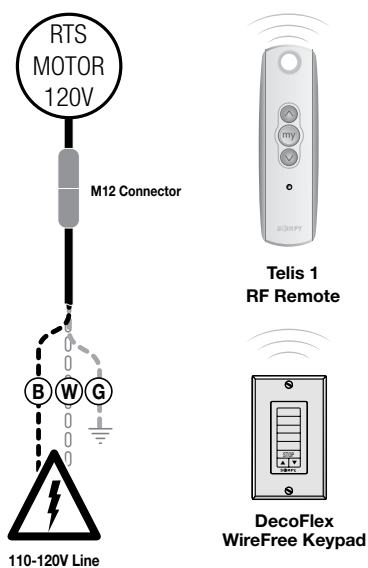


M12 Connector for 4-Wire Motors



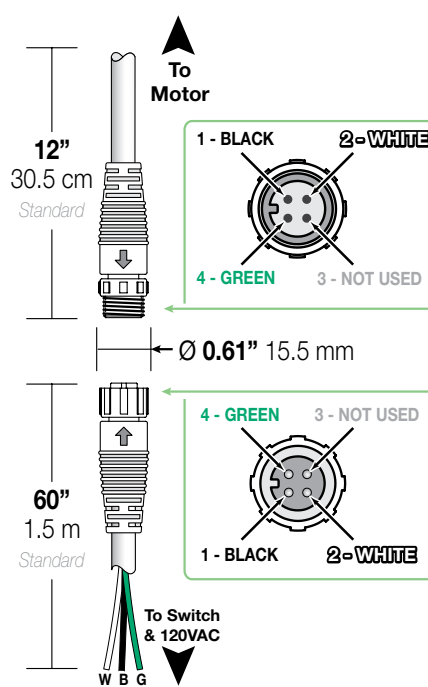
Controls & System Overview

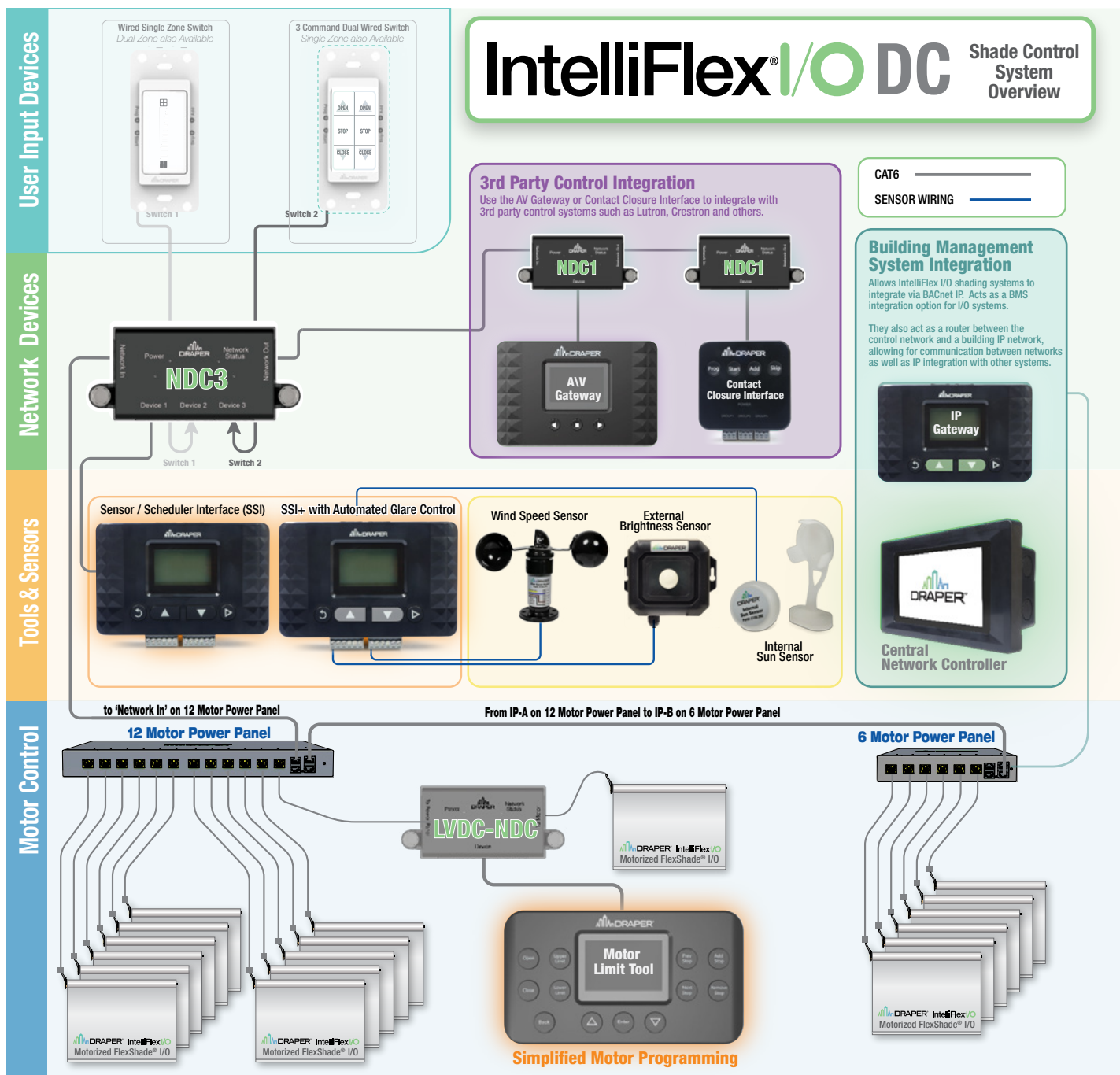
Sonesse® RTS 120VAC Motors



Dashed Wiring by Electrician

M12 Connector for 3-Wire Motors

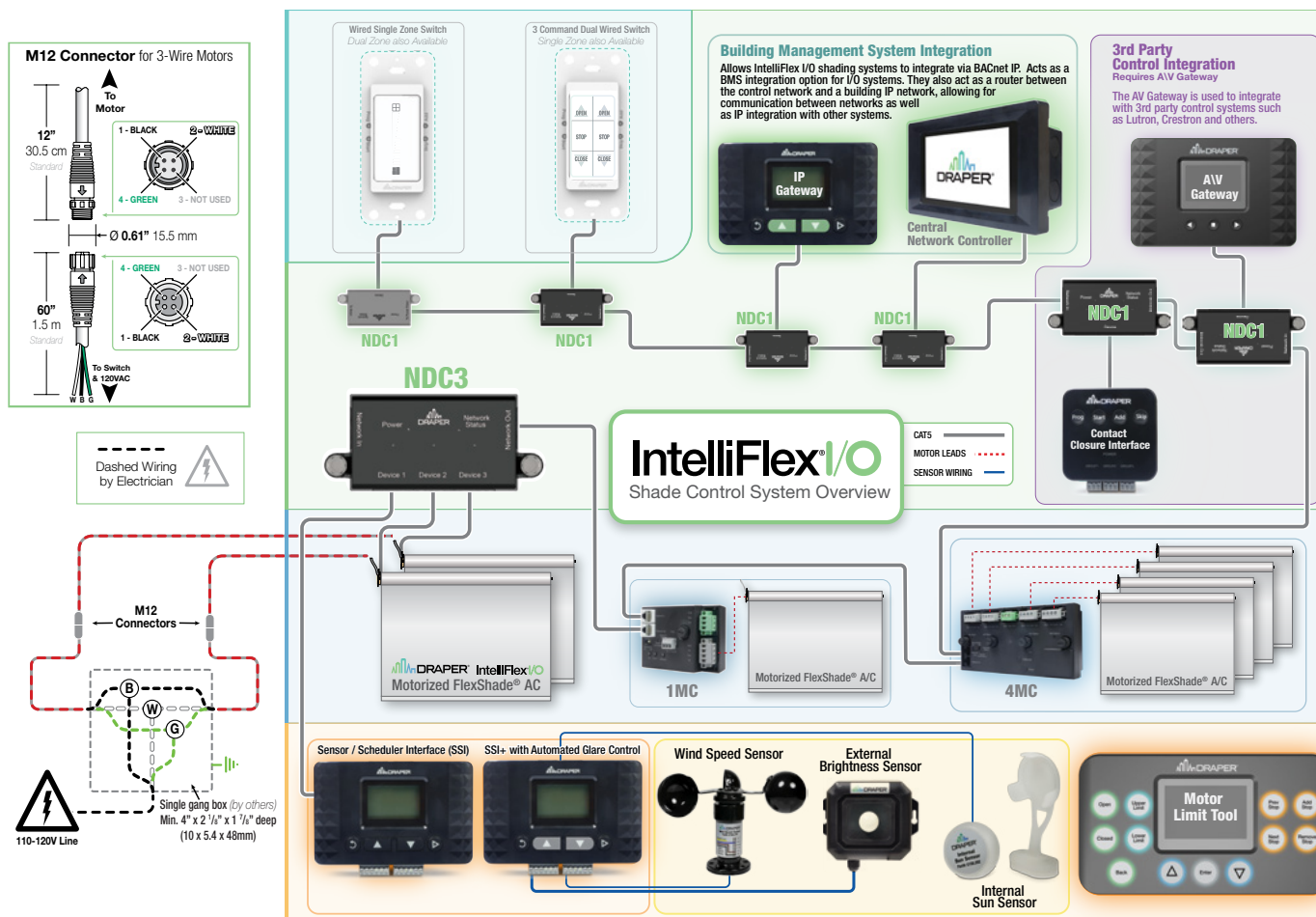




Data Cable Pin-Out - RJ45 Connector



WARNING: DO NOT use Pass-Through Connectors!



Network Cables:

3'	(152.4cm)	(C107.100)
6'	(335cm)	(C107.101)
12'	(518cm)	(C107.102)
25'	(701cm)	(C107.103)
50'	(1524cm)	(C107.102)

