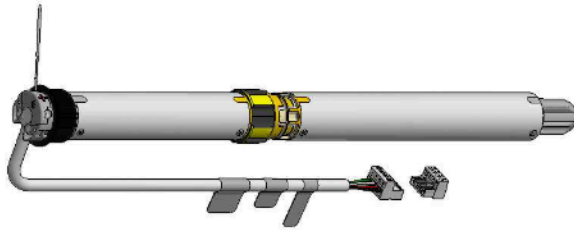


ElectroShade® iQ3-DC EDU

Data Sheet

Models

ElectroShade® iQ3-DC EDU
 iQ3-DC: Intelligent MechoNet EDU
 iQ3-DC-RF: Intelligent MechoNet
 Wireless EDU



Description

ElectroShade® iQ3-DC window coverings employ a silent, patent-pending 40mm DC drive to provide compact power optimized for today's tight pocket conditions. It delivers unmatched shade performance and versatility, lifting shades to 600 sq ft (55.74 sq. m), covering an entire architectural bay of curtainwall. These solutions are compatible with Mecho's full line of Electro@/1, Electro@/2, and Electro@/3 bracket solutions.

The iQ3-DC Electronic Drive Unit (EDU) provides unrivaled networking capabilities and integrated automation features built directly into the head of the motor. The motor comes in a standard MechoNet model (iQ3-DC) and a new wireless hybrid model (iQ3-DC-RF) that incorporates EnOcean technology to reduce local room control wiring coupled to the serial MechoNet backbone. The hybrid "mesh-like" network architecture is cost-effective for extending local control. It provides a robust grouping extension in large open floor applications and façade/floor-based groups without requiring repeaters and routers via the robust and powerful MechoNet network. MechoNet conveniently extends automation across the floor and building into SunDialer or SolarTrac® window management systems for the ultimate, optimized, sustainable operation for comfort, wellness, energy conservation, and view.

The third-party integrations can also be facilitated via serial, dry contact, EnOcean, Ethernet/PoE, or BACnet/IP. Additionally, the iQ3-DC-RF motor also provides built-in automation control with Wireless Daylight and Occupancy Sensors reducing the need for external controllers. The ElectroShade® iQ3-DC is ETL listed for safety and reliability as a system solution to ANSI/CAN/UL 325.

Stock Number	Programming	Style	System
P4X1-0428-23-LD	Std Prog	Lug	Electro 1 & 2
P4X1-0428-23-LP	Pre Prog	Lug	Electro 1 & 2
P4X1-0428-23-PD	Std Prog	Plate	Electro 3
P4X1-0428-23-PP	Pre Prog	Plate	Electro 3
P4X1-0428-25-LD	Std Prog	Lug	Electro 1 & 2
P4X1-0428-25-LP	Pre Prog	Lug	Electro 1 & 2
P4X1-0428-25-PD	Std Prog	Plate	Electro 3
P4X1-0428-25-PP	Pre Prog	Plate	Electro 3

Features

- Strong and silent. Ultra-quiet operation (≤ 40 dBA) in shades up to 600 sq. ft (55.74 sq. m).
- Fits into pocket conditions up to 20% smaller than typical competitive window coverings.
- Delivers more lift capacity in the same space offering cleaner room aesthetics.
- 40mm motor design supports 15%+ larger shade size in the same pocket dimension.
- Economical low-voltage power and network wiring.
- A host of MechoNet Wireless accessories like keypads, glare sensors, and occupancy sensors can be paired with the motor to facilitate in-room automation via SolarLink without the need for external controllers.
- Built-in adaptive intelligence supports preventative maintenance technology that reduces downtime and firefighting issues by automatically sending maintenance reminders to avoid failures and expensive repairs.
- Equipped with a variable speed control of up to 10 - 28 RPM, providing smoother start and stop capabilities by supporting the ability to trim rotational speed across groups of shades.
- Reduced local room installation and wiring costs with improved 2-way controllability.
- Two inherent methods of control:
 1. MechoNet Serial Communication
 2. Wireless EnOcean Communication
- 5 alignment points, including 3 customizable preset positions.
- Bi-directional MechoNet™ network for control, automation, and 3rd party integration. Includes 9 control addresses per motor, 133 alignment points (including 32 customizable preset positions).
- Uniform Mode manages the architect's design intent maintaining a controlled and precisely aligned window wall at all times.
- SolarTrac®, SolarLinc® and SunDialer® compatible.
- ETL Listed for safety and reliability as a system solution to ANSI/CAN/UL 325.



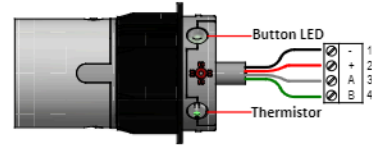
(718) 729-2020
 mechoshade.com

ElectroShade® iQ3-DC

Specifications

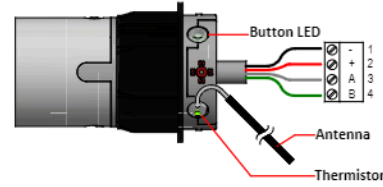
Equipment Kit									
Includes	ElectroShade iQ3-DC motor								
Hardware									
Power Input	24 VDC +2.6/- 1.0 VDC, 2 A								
Network	Serial: iQ3-DC, iQ3-DC-RF, MechoNet: +13/-8 VDC Max, unloaded, MechoNet protocol Wireless: iQ3-DC-RF, MechoNet Wireless: EnOcean/ISO/IEC 14543-3-10 902MHz								
RF Range	80 ft (24 m) unobstructed								
Communications									
Maximum Wiring Distance for Power	NOTE: For power and 1 Cat-5e or higher to Motor for communication per motor port								
	<table border="1"> <thead> <tr> <th>Distance</th> <th>Wires</th> </tr> </thead> <tbody> <tr> <td>230 ft. (70m)</td> <td>14AWG, 22 AWG</td> </tr> <tr> <td>145 ft. (44m)</td> <td>16AWG, 22AWG</td> </tr> <tr> <td>90 ft. (27m)</td> <td>18AWG, 22AWG</td> </tr> </tbody> </table>	Distance	Wires	230 ft. (70m)	14AWG, 22 AWG	145 ft. (44m)	16AWG, 22AWG	90 ft. (27m)	18AWG, 22AWG
Distance	Wires								
230 ft. (70m)	14AWG, 22 AWG								
145 ft. (44m)	16AWG, 22AWG								
90 ft. (27m)	18AWG, 22AWG								
Mechanical (All iQ3-DC)									
Dimensions	3.0 x 3.5 x 1.0 in. (76.2 x 88.9 x 25.5 mm)								
Torque	35.4 in. lb (4Nm)								
Lift Capacity	2.5 in. tube (28.3 lbs), 2.2 in. tube (32.2 lbs), 1.79 in. tube (39.5 lbs)								
Min. Shade Width	E1/E2 Bracket 22.126 in. (562mm), E3 Bracket 21.375 in. (543mm)								
Speed	10.0 – 28.0 rpm Default is 25.0 rpm								
Max. number of rotations	115								
Repeatability	+/- 1/16 in. (+/- 1.6mm) on a 10-ft. (3m) high shade (2 1/2 in./63.5mm diameter tube)								
Max. Continuous Running Time	6 minutes								
Max. Controlling Weight Per Motor	70.8 lbs./tube diameter (in.)								
Environmental									
Operating Temperature	32° F to 131° F (0° C to 55° C)								
Relative Humidity	< 90% relative humidity, non-condensing								
Enclosure Rating	IP30								
Agency Listings and Compliance									
ANSI/CSA/UL 325:									

iQ3-DC



	Block Label	Color	Function
1	-	Black	Ground
2	+	Red	Power – 24 VDC
3	A	White	MechoNet – NET A
4	B	Green	MechoNet – NET B

iQ3-DC-RF



	Block Label	Color	Function
1	-	Black	Ground
2	+	Red	Power – 24 VDC
3	A	White	MechoNet – NET A
4	B	Green	MechoNet – NET B

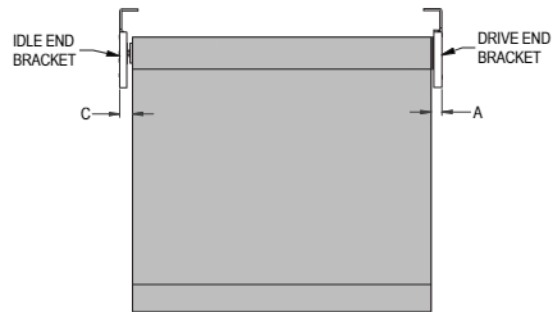
Dimension and mounting

The power and communication cables both feed through the motor head located at either the right side (for right-drive motors) or the left side (for left-drive motors).

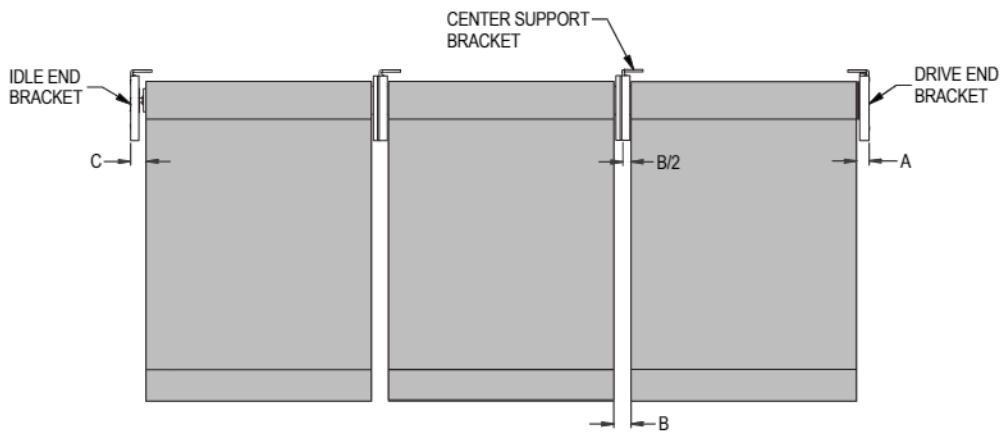
The motor is mounted inside the shade tube.

Additional deductions may be required. Contact your local representative for more information.

Single Band Shade Assembly



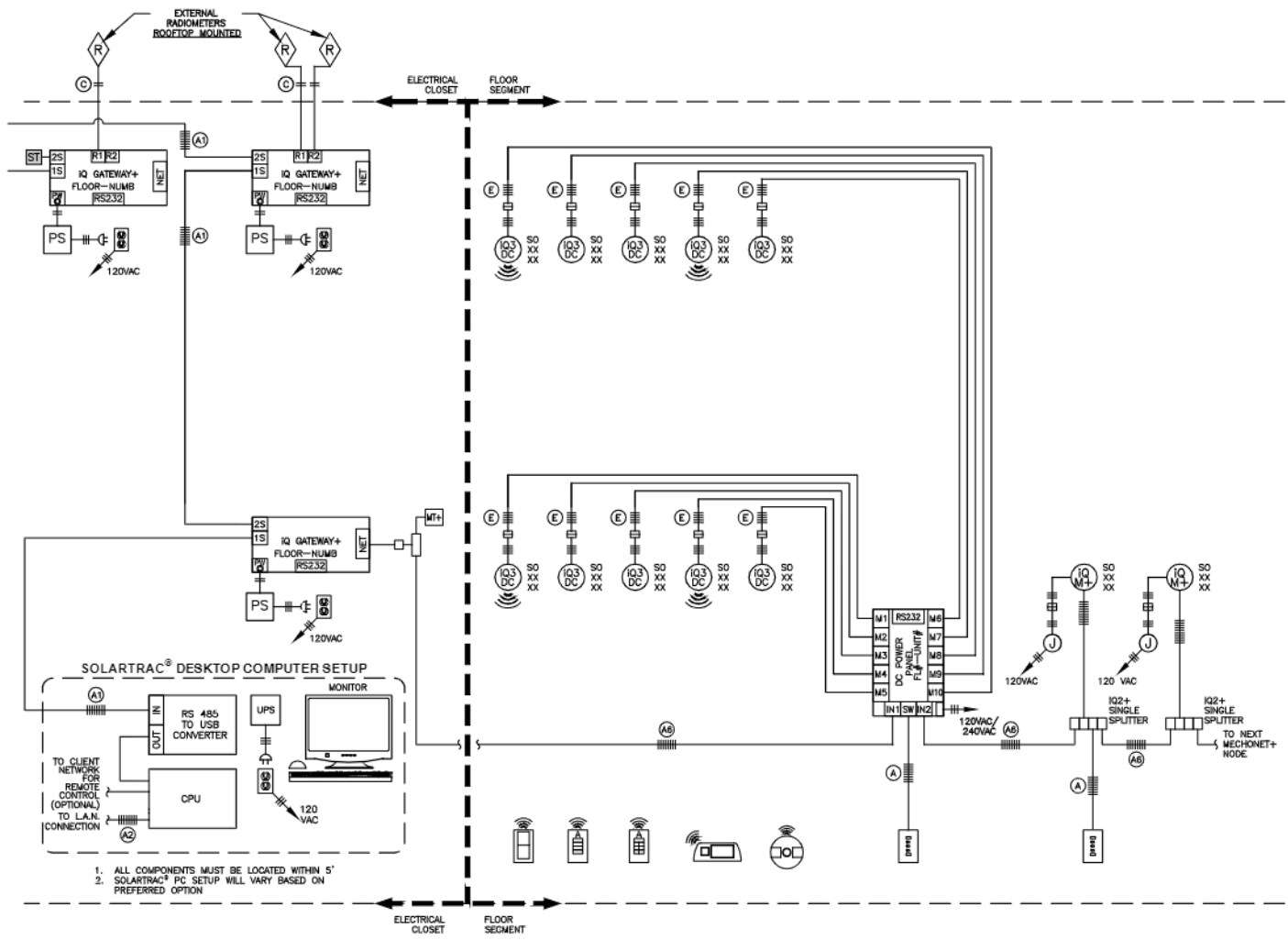
Multi-Band Shade Assembly



Bracket Model	Tube Diameter	A Drive End	B Center Support	C Idle End
Electro®/1, Electro®/2 - Motor Lug (SEE NOTE)	1.79 in. (45mm)	1-1/4 in. (32mm)	7/8 in. (22mm)	7/16 in. (11mm)
	2.2 in. (56mm)	1-3/8 in. (35mm)	7/8 in. (22mm)	3/4 in. (19mm)
	2.5 in. (64mm)	3/4 in. (19mm)	7/8 in. (22mm)	3/4 in. (19mm)
Electro®/3 -DC Spindle Adapter	1.79 in. (45mm)	11/16 in. (17mm)	5/8 in. (16mm)	5/8 in. (16mm)
	2.2 in. (56mm)			
	2.5 in. (64mm)			

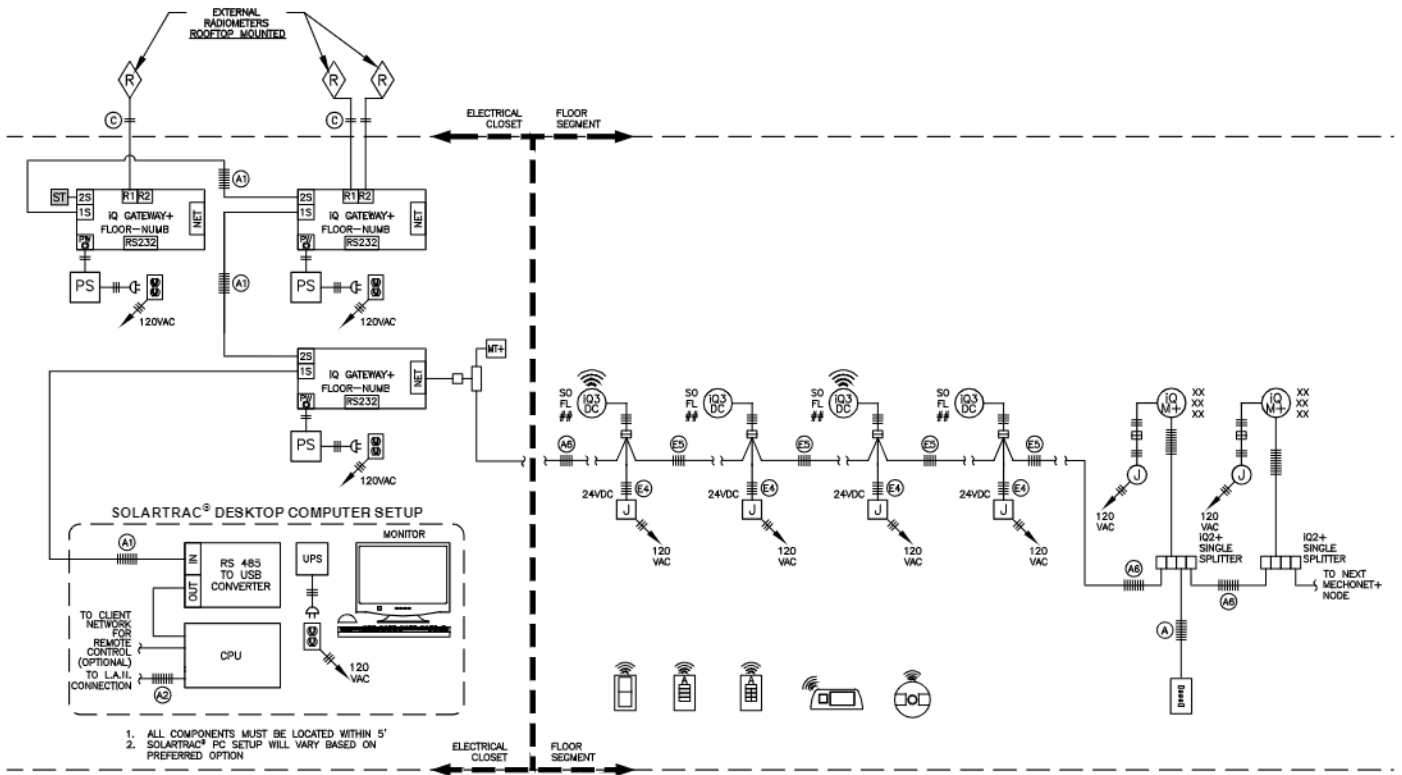
NOTE: Used with Recessed Idle End Plugs.

System Drawing
Power Panel



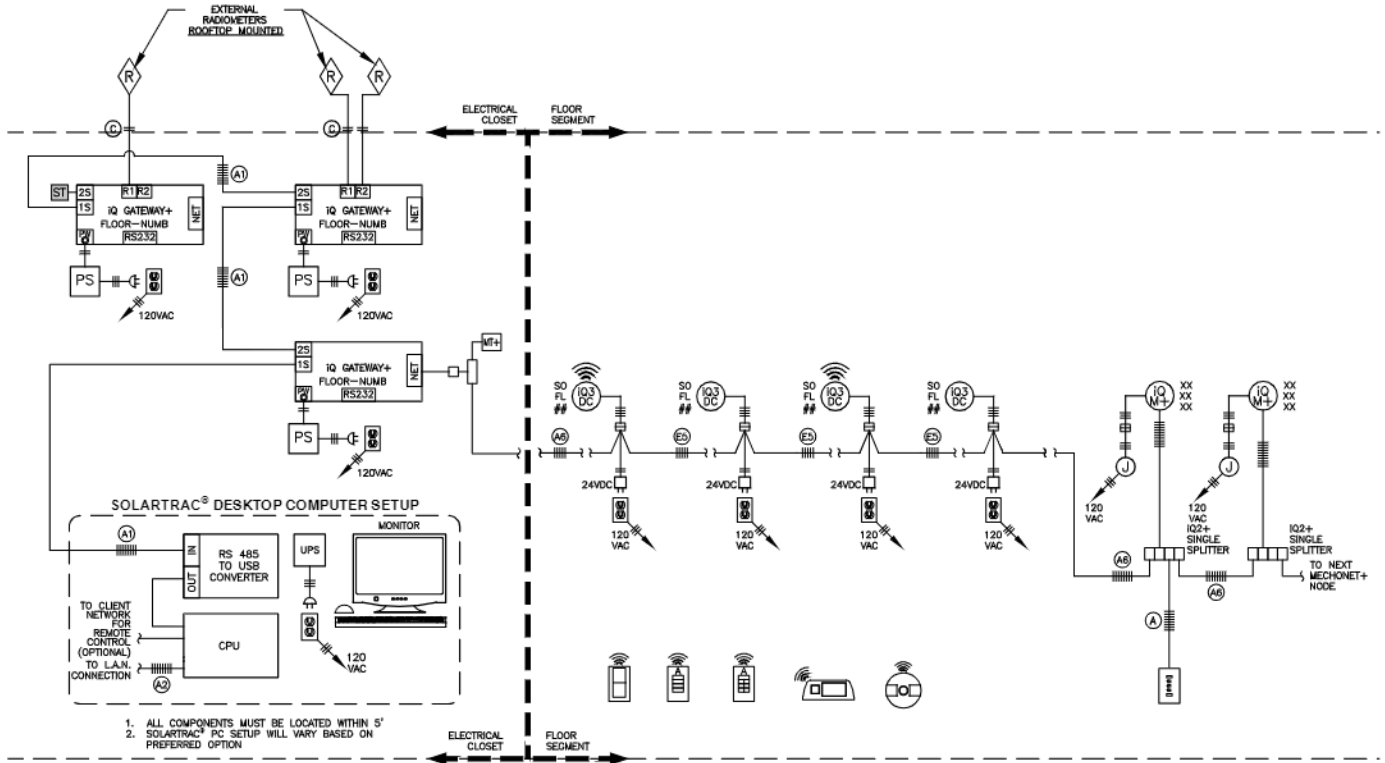
NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.

System Drawing
Junction Box Power Supply



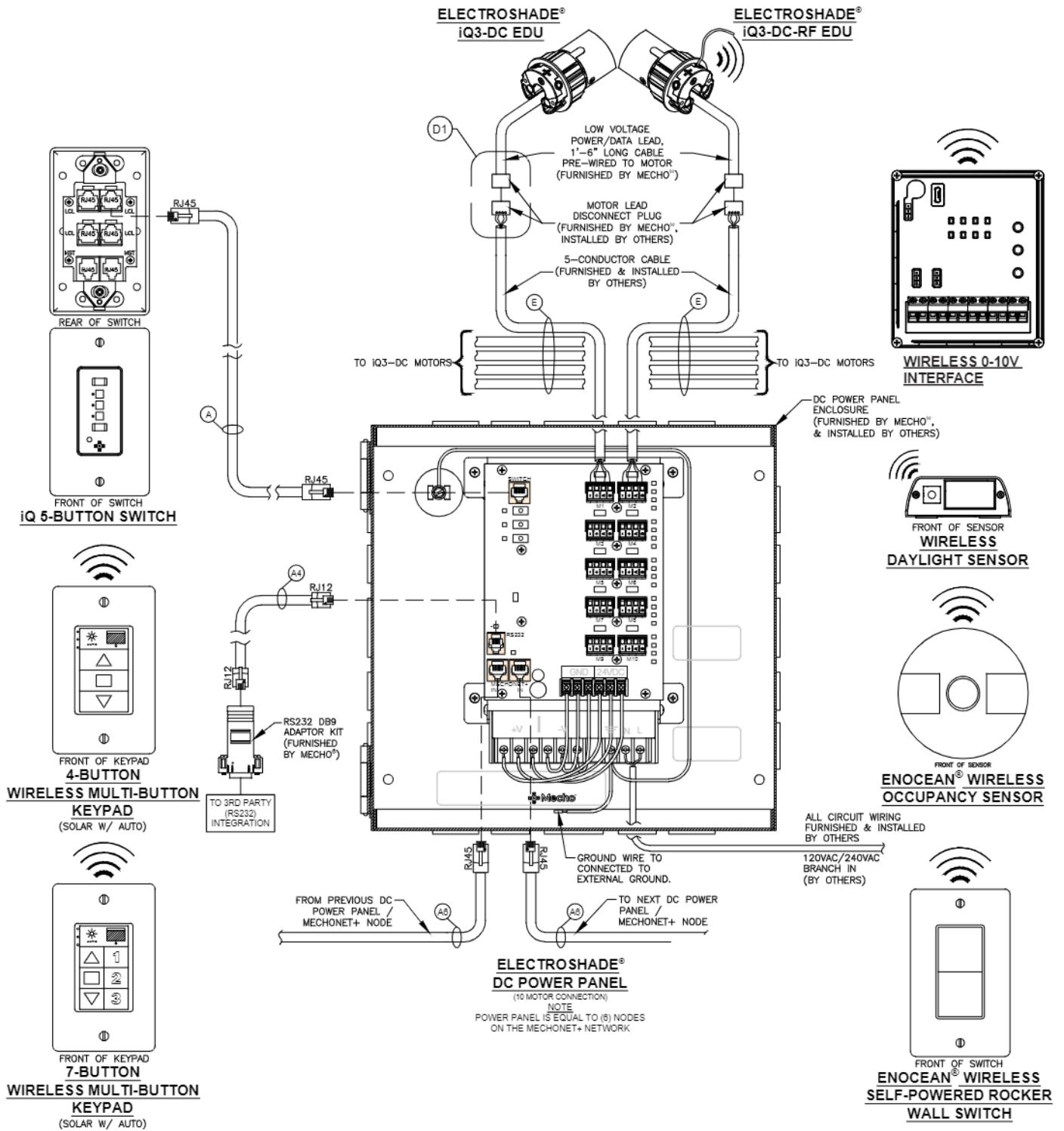
NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.

System Drawing
Plugin Power Supply



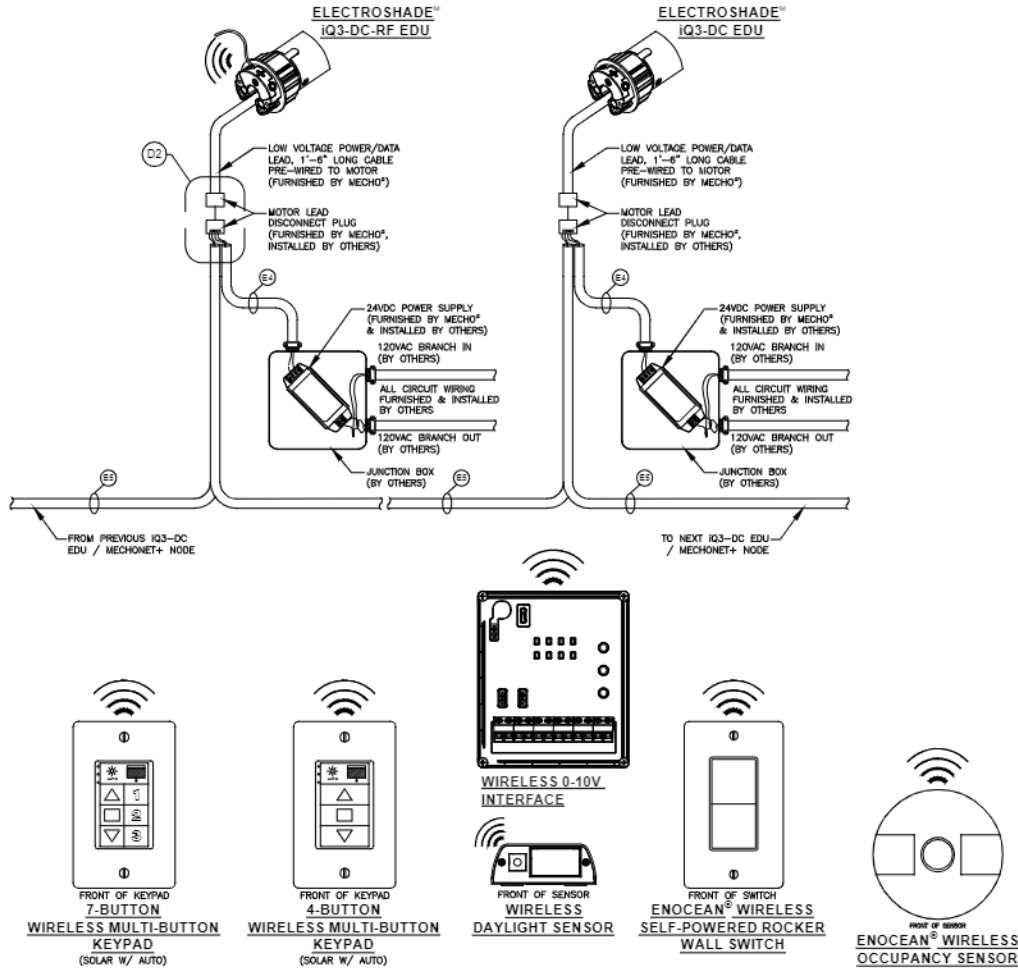
NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.

Typical Point-to-Point Diagram
Power Panel

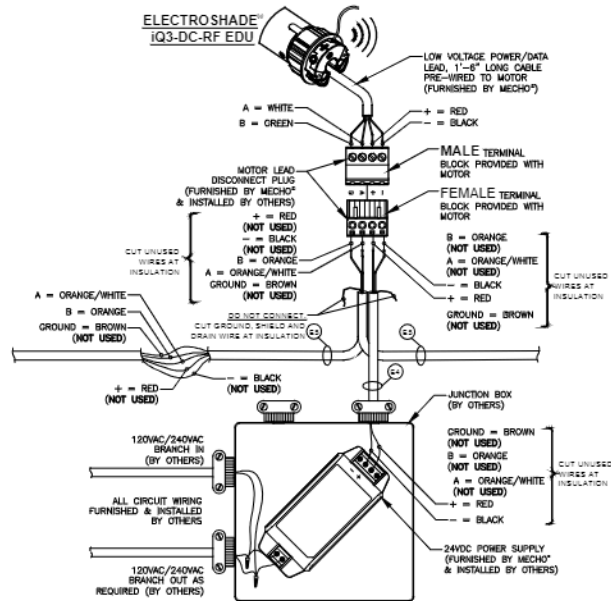


NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.

Typical Point-to-Point Diagram
Junction Box Power Supply



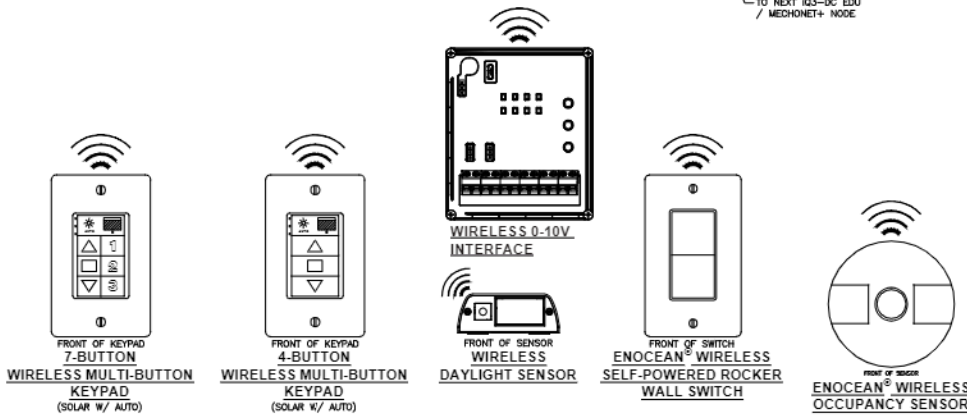
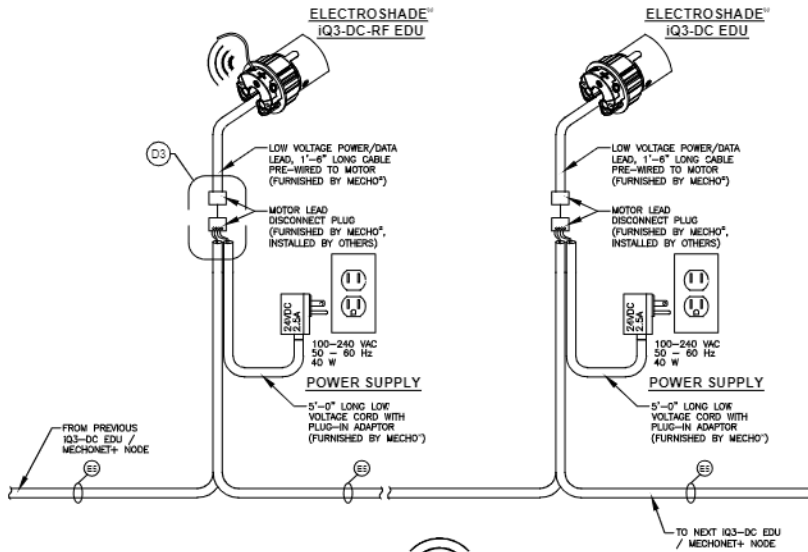
NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.



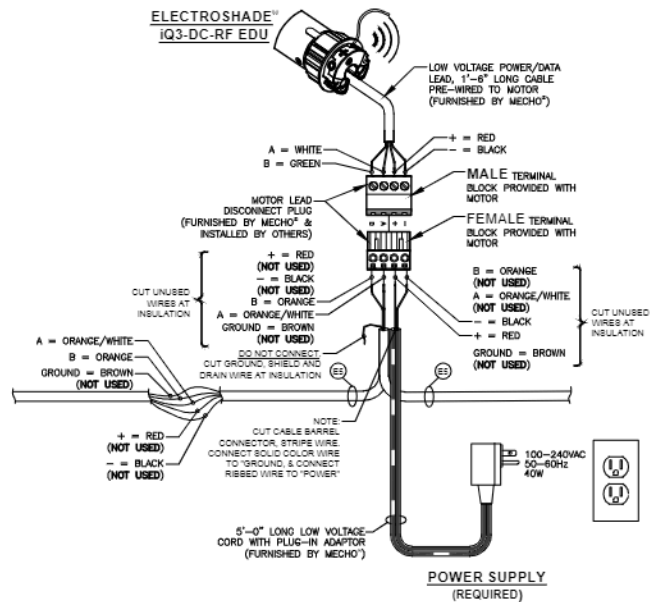
D2 ENLARGED DETAIL
 SCALE: N.T.S.



Typical Point-to-Point Diagram
 Plugin Power Supply



NOTE: Refer to pages 11-12 for the Low Voltage Cable Legend and Crimping instructions.



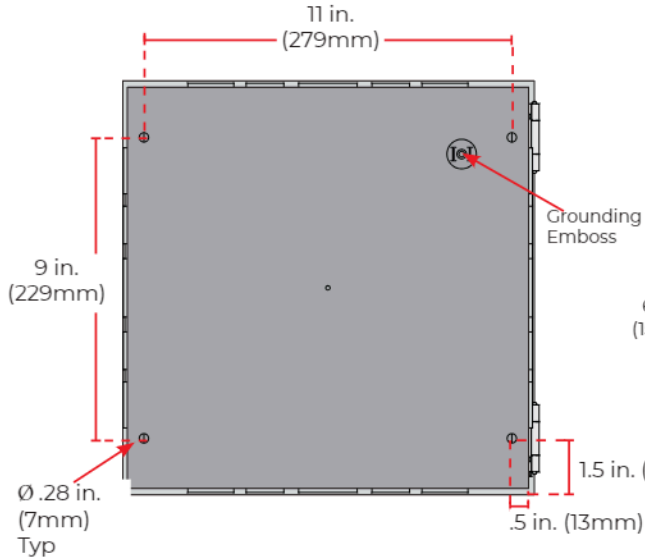
(718) 729-2020
 mechoshade.com

ElectroShade® iQ3-DC

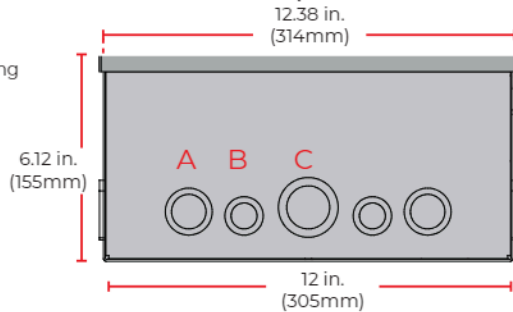
Accessories

ElectroShade®-DC POWER PANEL

10-Motor Power Panel (Mecho Power Panel - EIA 568B: IQPS-MN24-TP-AS)



10-Motor Power Panel (Mecho Power Panel - EIA 568B: IQPS-MN24-PP-AS)

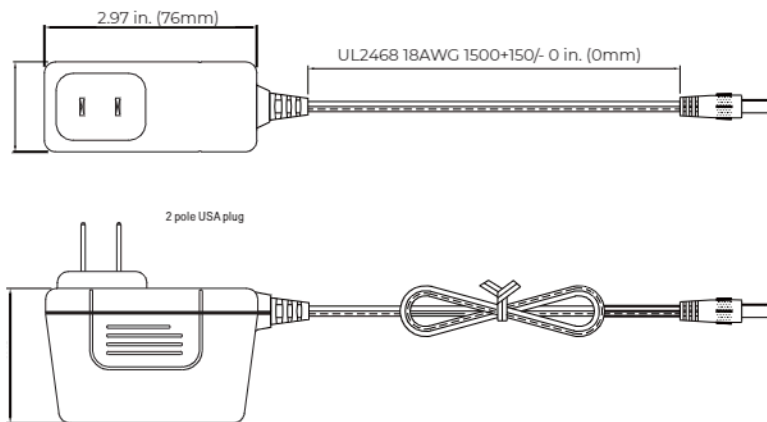


Knockouts:

- A. Inside - 1.01 in (26mm)
Outside - 1.38 in (35mm)
- B. Inside - 0.76 in (19mm)
Outside - 1.13 in (29mm)
- C. Inside - 1.26 in (32mm)
Outside - 1.75 in (45mm)

Plug-In Power Supply

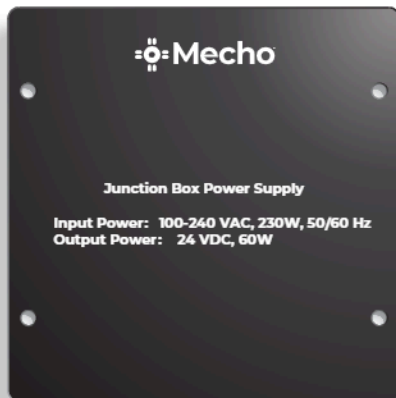
Single-Motor plug-in power supply (ESMC-2425-DC-PS — ElectroShade® DC PWR SUPPL 24V 2.5A)



NOTE: Refer to page 9 for the D3 enlarged wiring detail for the Plug-in Power Supply diagram.

Junction Box Power Supply

Single-Motor junction box power supply (MWPS-JBOX-24-AS)



The Junction Box can be powered by a single-phase universal AC power source ranging from 100-240 VAC, 50/60 Hz and is rated for use in North America as well as in most international countries due to its integral EMI filtering components.

Mounts to a U.S industry-standard 4-11/16 in. square x 2-1/8 in. deep junction box.

NOTE: Refer to page 8 for the D2 enlarged wiring detail for the Junction Box Power Supply diagram.



(718) 729-2020
mechoshade.com

Low-Voltage Cable Legend






LOW VOLTAGE CABLE LEGEND - EIA568B	
NOTES:	
1. PARALLEL WIRING TO NEXT DEVICE PER BRANCH CIRCUIT CAPACITY. ALL CONNECTIONS MUST MEET NATIONAL AND LOCAL CODES AND REGULATIONS. 2. ADDRESS SCHEDULES REQUIRED. 3. MAXIMUM VOLTAGE FOR ALL UNMARKED CABLE IS 43.5 VDC. 4. LOW VOLTAGE CABLES SHOULD NOT BE ROUTED NEAR POWER LINES OR ELECTRICAL DEVICES SUCH AS LIGHTING BALLASTS, DIMMERS AND LED DRIVERS THAT MAY EXPOSE THE SYSTEM TO EXCESSIVE ELECTRICAL NOISE.	

<p>A</p>	<p>CAT5E/6 – CABLE FOR LOW VOLTAGE DRY CONTACT WIRING CONNECTIONS: 24AWG 4UTP (8-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3078M5F-8 (NON-PLENUM) or compatible cable. -----OR----- 24AWG 4UTP (8-CONDUCTOR SOLID UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3604M5UC-9 (PLENUM) or compatible cable.</p> <p>DISTANCE LIMITATION: 400' CUMULATIVE (FURNISHED & INSTALLED BY OTHERS) SEE CABLE "A" REFERENCE DRAWING FOR DETAILED SPECIFICATION.</p>	<p>C</p>	<p>ELECTRONIC CABLE FOR LOW VOLTAGE PC INTERFACE/ANALOG I/O TO SENSOR WIRING CONNECTION: 18AWG 1STP (2-CONDUCTOR SHIELDED TWISTED PAIR) TERMINATION: 2-PIN PHOENIX TYPE CONNECTOR/CONNECTION "+" = RED "-" = BLACK "+" = BLUE/RED "-" = GRAY/BLACK Recommended BELDEN (www.BELDEN.com 1-800-BELDEN-1) PART No.82760 (PLENUM) DISTANCE LIMITATION: 500' CUMULATIVE (FURNISHED & INSTALLED BY OTHERS)</p>
<p>A1</p>	<p>CAT5E/6 – CABLE FOR SDNET WIRING CONNECTIONS: 24AWG 4UTP (8-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3078M5F-8 (NON-PLENUM) or compatible cable. -----OR----- 24AWG 4UTP (8-CONDUCTOR SOLID UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3604M5UC-9 (PLENUM) or compatible cable.</p> <p>DISTANCE LIMITATION: 4000' CUMULATIVE. MAX. NETWORK NODES: 16. (FURNISHED & INSTALLED BY OTHERS) SEE CABLE "A" REFERENCE DRAWING FOR DETAILED SPECIFICATION.</p>	<p>E</p>	<p>COMPOSITE CONTROL CABLE FOR DC MOTOR POWER AND DATA. 5-CONDUCTOR, (2 X 14AWG UNSHIELDED POWER PAIR and 3 X 22AWG STRANDED, and SHIELDED DATA TRIAD) Recommended LIBERTY CABLE (www.LibertyCable.com 1-800-530-8998) PART No. 9020126 (NON-PLENUM) & No. 9020127 (PLENUM) or compatible cable, SEE "CABLE E REFERENCE DRAWING" FOR DETAILED SPECIFICATION. DISTANCE LIMITATION: SEE "CABLE E REFERENCE DRAWING". (FURNISHED & INSTALLED BY OTHERS)</p>
<p>A2</p>	<p>CAT5E/6 – CABLE FOR ETHERNET WIRING CONNECTIONS: 24AWG 4UTP (8-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3078M5F-8 (NON-PLENUM) or compatible cable. -----OR----- 24AWG 4UTP (8-CONDUCTOR SOLID UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3604M5UC-9 (PLENUM) or compatible cable.</p> <p>DISTANCE LIMITATION: 325'. MAX. NODES: 2. (FURNISHED & INSTALLED BY OTHERS) SEE CABLE "A" REFERENCE DRAWING FOR DETAILED SPECIFICATION.</p>	<p>E4</p>	<p>COMPOSITE CONTROL CABLE FOR DC MOTOR POWER ONLY. 5-CONDUCTOR, (2 X 14AWG UNSHIELDED POWER PAIR and 3 X 22AWG STRANDED, and SHIELDED DATA TRIAD) Recommended LIBERTY CABLE (www.LibertyCable.com 1-800-530-8998) PART No. 9020126 (NON-PLENUM) & No. 9020127 (PLENUM) or compatible cable, SEE "CABLE E REFERENCE DRAWING" FOR DETAILED SPECIFICATION. DISTANCE LIMITATION: SEE "CABLE E REFERENCE DRAWING". (FURNISHED & INSTALLED BY OTHERS)</p>
<p>A4</p>	<p>CAT3/5/6 – CABLE FOR RS-232/RS-485 WIRING CONNECTIONS: 24AWG 3UTP (6-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-12 MODULAR PLUGS CRIMPED (USOC) ON BOTH ENDS CONNECTED TO DB-9/RS-232 ADAPTER (FURNISHED BY MECO) Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3603M3U-9 (PLENUM) or compatible cable. DISTANCE LIMITATION: 25' CUMULATIVE. MAX. NODES: 2. (FURNISHED & INSTALLED BY OTHERS)</p>	<p>E5</p>	<p>COMPOSITE CONTROL CABLE FOR DC MOTOR DATA ONLY. 5-CONDUCTOR, (2 X 14AWG UNSHIELDED POWER PAIR and 3 X 22AWG STRANDED, and SHIELDED DATA TRIAD) Recommended LIBERTY CABLE (www.LibertyCable.com 1-800-530-8998) PART No. 9020126 (NON-PLENUM) & No. 9020127 (PLENUM) or compatible cable, SEE "CABLE E REFERENCE DRAWING" FOR DETAILED SPECIFICATION. DISTANCE LIMITATION: SEE "CABLE E REFERENCE DRAWING". (FURNISHED & INSTALLED BY OTHERS)</p>
<p>A6</p>	<p>CAT5E/6 – CABLE FOR MECHONET+ NETWORK WIRING CONNECTIONS: 24AWG 4UTP (8-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3078M5F-8 (NON-PLENUM) or compatible cable. -----OR----- 24AWG 4UTP (8-CONDUCTOR SOLID UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3604M5UC-9 (PLENUM) or compatible cable.</p> <p>DISTANCE LIMITATION: 4000' CUMULATIVE. MAX. NODES: 250. (FURNISHED & INSTALLED BY OTHERS) SEE CABLE "A" REFERENCE DRAWING FOR DETAILED SPECIFICATION.</p> <p>PATCH LEAD CABLE NOTE: THE CUMULATIVE "DISTANCE LIMITATION" SHALL BE REDUCED BY THE LENGTH OF THE "LOW VOLTAGE MOTOR LEAD PATCH CABLES" MULTIPLIED BY 2.</p>		
<p>A9</p>	<p>CAT5E/6 – CABLE FOR UPOEF NETWORK WIRING CONNECTIONS: 24AWG 4UTP (8-CONDUCTOR STRANDED UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended OLYMPIC WIRE AND CABLE (www.olympicwire.com 1-800-526-2269) PART No. 3078M5F-8 (NON-PLENUM) & PART No. 3604M5UC-9 (PLENUM) or compatible cable. -----OR----- 24AWG 4UTP (8-CONDUCTOR SOLID UNSHIELDED TWISTED PAIR) TERMINATION: RJ-45 MODULAR PLUG CRIMPED (EIA568B) ON BOTH ENDS Recommended SUPERIOR ESSEX (www.superioressex.com) PART No.PW52-H46-X5 (NON-PLENUM) & PW52-H46-X8 (PLENUM) or compatible cable</p> <p>DISTANCE LIMITATION: 325'. MAX. NODES: 2. (FURNISHED & INSTALLED BY OTHERS) SEE CABLE "A" REFERENCE DRAWING FOR DETAILED SPECIFICATION.</p>		



ElectroShade® iQ3-DC

Crimping Instructions

EIA568B CRIMPING INSTRUCTIONS - 8-CONDUCTOR CABLES FOR DRY CONTACT CONNECTIONS				EIA568B CRIMPING INSTRUCTIONS - 8-CONDUCTOR CABLES FOR (IN) PORT CONNECTIONS ON DC POWER PANEL			
LOW VOLTAGE CABLE (CAT5/CAT5e/CAT6 CABLE) 8-POSITION, 8-CONTACT MODULAR PLUG ASSEMBLY  STRAIGHT-THROUGH CABLE TERMINATION 1 & 2 (SAME)	CATX CRIMP			LOW VOLTAGE CABLE (CAT5/CAT5e/CAT6 CABLE) 8-POSITION, 8-CONTACT MODULAR PLUG ASSEMBLY  STRAIGHT-THROUGH CABLE TERMINATION 1 & 2 (SAME)	CATX CRIMP		
	PIN	COLOR CODE	FUNCTION		PIN	COLOR CODE	FUNCTION
	1	ORANGE/WHITE STRIPE	N/C		1	ORANGE/WHITE STRIPE	N/C
	2	ORANGE SOLID	PWR		2	ORANGE SOLID	N/C
	3	GREEN/WHITE STRIPE	GND		3	GREEN/WHITE STRIPE	GND
	4	BLUE SOLID	UP		4	BLUE SOLID	MECHONET+ A
	5	BLUE/WHITE STRIPE	MID		5	BLUE/WHITE STRIPE	MECHONET+ B
	6	GREEN SOLID	DN		6	GREEN SOLID	N/C
	7	BROWN/WHITE STRIPE	FB		7	BROWN/WHITE STRIPE	N/C
8	BROWN SOLID	N/C	8	BROWN SOLID	MN-COM		
EIA568B CRIMPING INSTRUCTIONS - 8-CONDUCTOR CABLES FOR MECHONET+ 485 NETWORK CONNECTIONS				USOC CRIMPING INSTRUCTIONS - 6-CONDUCTOR CABLE FOR RS232/RS485 PORT CONNECTIONS ON DC POWER PANEL			
LOW VOLTAGE CABLE (CAT5/CAT5e/CAT6 CABLE) 8-POSITION, 8-CONTACT MODULAR PLUG ASSEMBLY  STRAIGHT-THROUGH CABLE TERMINATION 1 & 2 (SAME)	CATX CRIMP			LOW VOLTAGE CABLE (CAT3/CAT5/CAT6 CABLE) 6-POSITION, 6-CONTACT MODULAR PLUG ASSEMBLY  STRAIGHT-THROUGH CABLE TERMINATION 1 & 2 (SAME)	CATX CRIMP		
	PIN	COLOR CODE	FUNCTION		PIN	COLOR CODE	FUNCTION
	1	ORANGE/WHITE STRIPE	BS-V+		1	WHITE/GREEN STRIPE	RS485-A
	2	ORANGE SOLID	BS-COM		2	WHITE/ORANGE STRIPE	GND
	3	GREEN/WHITE STRIPE	GND		3	BLUE SOLID	RS232-TXD
	4	BLUE SOLID	MECHONET+ A		4	WHITE/BLUE STRIPE	GND
	5	BLUE/WHITE STRIPE	MECHONET+ B		5	ORANGE SOLID	RS232-RXD
	6	GREEN SOLID	PWR	6	GREEN SOLID	RS486-B	
	7	BROWN/WHITE STRIPE	N/C				
8	BROWN SOLID	MN-COM					
EIA568B CRIMPING INSTRUCTIONS - 8-CONDUCTOR CABLE FOR (IN) PORT CONNECTION ON MECHONET+ TB-RJ45 TEE							
LOW VOLTAGE CABLE (CAT5/CAT5e/CAT6 CABLE) 8-POSITION, 8-CONTACT MODULAR PLUG ASSEMBLY  STRAIGHT-THROUGH CABLE TERMINATION 1 & 2 (SAME)	CATX CRIMP						
	PIN	COLOR CODE	FUNCTION				
	1	ORANGE/WHITE STRIPE	N/C				
	2	ORANGE SOLID	N/C				
	3	GREEN/WHITE STRIPE	COM				
	4	BLUE SOLID	MECHONET+ A				
	5	BLUE/WHITE STRIPE	MECHONET+ B				
	6	GREEN SOLID	PWR				
	7	BROWN/WHITE STRIPE	N/C				
8	BROWN SOLID	N/C					

Warranty

Mecho's warranty ensures its products against defects in materials and workmanship for up to 25 years. The warranty timeline shall vary for different products. For complete warranty information, please visit <https://www.mechoshade.com/warranty> or contact your Mecho Representative.

Mecho reserves the right to make improvements or changes to its products without prior notice. Every attempt is made to ensure the information herein is accurate and up to date. Verify with the Mecho staff to confirm the product's availability, latest specifications, and suitability for your application.



Technical support

Mecho
 T: +1 (718) 729-2020, x2006
 E: techsupport@mechoshade.com
 W: mechoshade.com

(718) 729-2020
mechoshade.com