

# MotoRISE® WIRED COMMUNICATION (1-2 MOTORS)

APPLIES TO MR250 & MR350 SHADING SYSTEMS

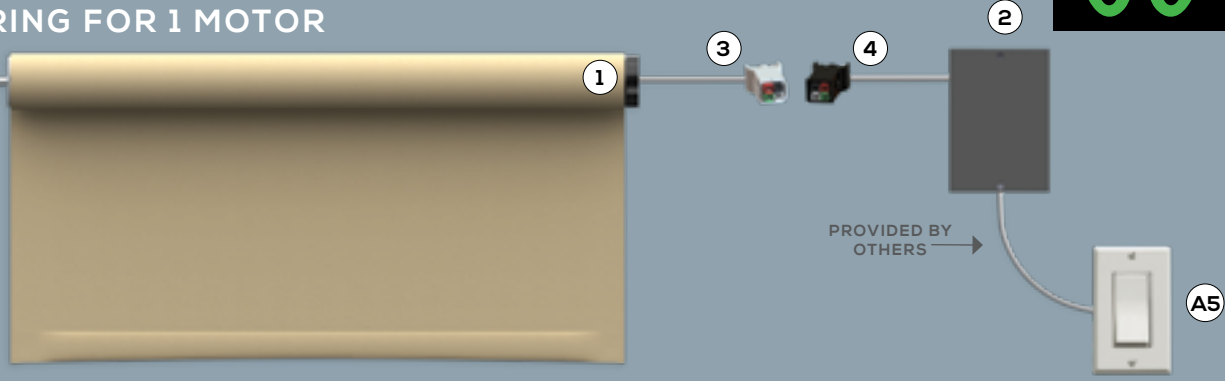
Garden City Park, New York 11040

MOTORISE®

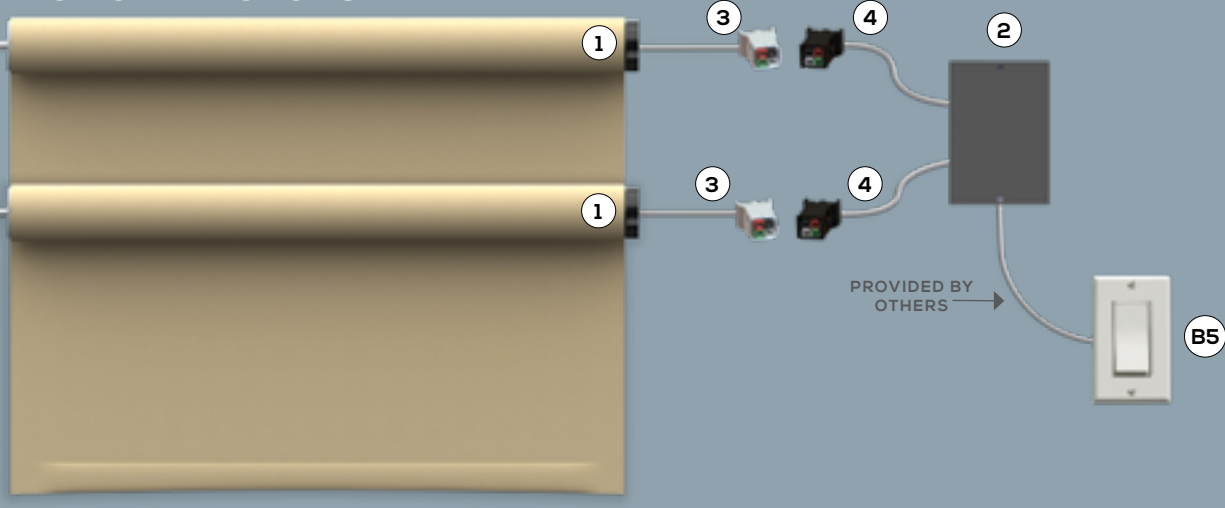
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## WIRING FOR 1 MOTOR



## WIRING FOR 2 MOTORS



| ADDITIONAL INFORMATION                     |   | PART #  |  |  |  |  |
|--|---|---|--|--|--|--|
| 1  | MotoRISE® SHADING SYSTEM                        | ◆ Option for MotoRIse System Models MR250 & MR350   | SEE MOTORISE SYSTEM DATA SHEETS FOR SHADING SYSTEM INFORMATION                         |  |  |  |
| REQUIRED FOR POWER                         |   |   |  |  |  |  |
| 2  | J-BOX   | ◆ 120 V   | BY OTHERS (REQUIRED)   |  |  |  |
| 3  | 120V AC MOTOR LEAD<br>W/ MALE ANDERSON PLUG     | ◆ 4 Conductor<br><br>RED = DIRECTION 1*<br>BLACK = DIRECTION 2*<br>WHITE = NEUTRAL<br>GREEN = GROUND | INCLUDED WITH MOTOR:<br>1' LENGTH<br>MLS-M/I-1   | SOLD SEPARATELY:<br>3' LENGTH<br>MLS-M/I-3   |  |  |
| 4  | 120V AC J-BOX LEAD**<br>W/ FEMALE ANDERSON PLUG | ◆ 4 Conductor<br><br>RED = DIRECTION 1*<br>BLACK = DIRECTION 2*<br>WHITE = NEUTRAL<br>GREEN = GROUND | INCLUDED WITH MOTOR:<br>5' LENGTH<br>MLS-F/O-5   | SOLD SEPARATELY:<br>10' LENGTH<br>MLS-F/O-10 | SOLD SEPARATELY:<br>15' LENGTH<br>MLS-F/O-15 | SOLD SEPARATELY:<br>25' LENGTH<br>MLS-F/O-25 |
| REQUIRED FOR CONTROL: CHOOSE OPTION A OR B |   |   |  |  |  |  |
| OPTION A: FOR 1 MOTOR TO A SWITCH          |   |   |  |  |  |  |
| A5   | SPDT SWITCH                                     | ◆ At least one control is required for motors to operate.   | SOLD SEPARATELY. MULTIPLE OPTIONS AVAILABLE. SEE "SPDT SWITCH OPTIONS" FOR ALL OPTIONS |  |  |  |
| OPTION B: FOR 1-2 MOTORS TO A SWITCH       |   |   |  |  |  |  |
| B5   | DPDT SWITCH                                     | ◆ At least one control is required for motors to operate.   | SOLD SEPARATELY. MULTIPLE OPTIONS AVAILABLE. SEE "DPDT SWITCH OPTIONS" FOR ALL OPTIONS |  |  |  |












\*RED/BLACK connection may be reversed based on Drive Side and Roll Direction.  
\*\*Plenum rated cable available. Please contact WT Shade.  
For CAD wiring schematics for this system and others, please visit WTShade.com

## WIRED FEATURES



- ◆ The traditional and most common method for motor control: a switch directly connected to 1-2 motors via electrical wires embedded into the wall.
- ◆ The most reliable Communication. No interference.
- ◆ Compatible with any SPDT or DPDT Switch (Decora, Rocker, Toggle or Key Switch).
- ◆ Quick and easy limit setting. No tools required.
- ◆ Perfect solution for a stand alone application where no integration is required.

| <b>A5 SPDT SWITCH OPTIONS FOR 1 MOTOR ONLY. Each sold separately.</b>               |                             |  |  |
|---|-----------------------------|--|--|
|    | <b>SPDT DECORA SWITCH</b>   | <ul style="list-style-type: none"> <li>◆ Switch Plates sold separately.</li> <li>◆ Available in White (-10), and Ivory (-04).</li> </ul>   |    |
|   | MAINTAINED <b>SWD1A-XX*</b> | MOMENTARY <b>SWD1B-XX*</b>   |  |
|    | <b>SPDT TOGGLE SWITCH</b>   | <ul style="list-style-type: none"> <li>◆ Switch Plates sold separately.</li> <li>◆ Maintained switch available in White(-10), and Ivory (-04).</li> <li>◆ Momentary switch available in White (-10) only.</li> </ul> |    |
|   | MAINTAINED <b>SWT1A-XX*</b> | MOMENTARY <b>SWT1B-10</b>  |  |
| <b>B5 DPDT SWITCH OPTIONS FOR 1-2 MOTORS ONLY. Each sold separately.</b>            |                             |  |  |
|  | <b>DPDT DECORA SWITCH</b>   | <ul style="list-style-type: none"> <li>◆ Switch Plates sold separately.</li> <li>◆ Available in White (-10), and Ivory (-04).</li> </ul>   |  |
|   | MAINTAINED <b>SWD2A-XX*</b> |  |  |
|  | <b>DPDT ROCKER SWITCH</b>   | <ul style="list-style-type: none"> <li>◆ Switch Plates included.</li> <li>◆ Available in White (-10), and Ivory (-04).</li> </ul>  |  |
|   | MAINTAINED <b>SWRKA-XX*</b> | MOMENTARY <b>SWRKB-XX*</b>   |  |
|  | <b>DPDT KEY SWITCH</b>      | <ul style="list-style-type: none"> <li>◆ Switch Plates included.</li> <li>◆ Available in Champagne (-41) only.</li> </ul>  |  |
|   | MAINTAINED <b>SWK2A-41</b>  | MOMENTARY <b>SWK2B-41</b>  |  |



\*Replace "XX" with desired color number when ordering.