

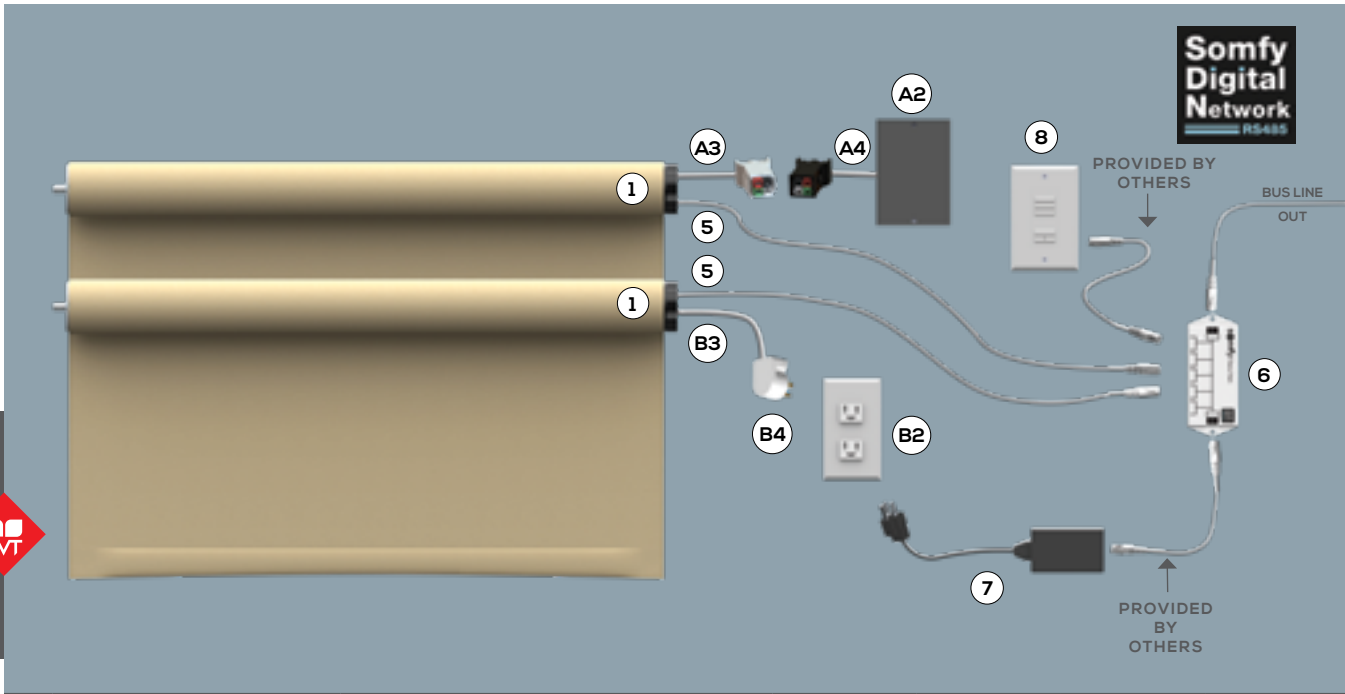
MotoRISE[®] DIGITAL COMMUNICATION (LINE VOLTAGE)




APPLIES TO MR250 & MR350 SHADING SYSTEMS

Garden City Park, New York 11040

MOTORISE[®]

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| ADDITIONAL INFORMATION | | PART # | | | |
|---|--|---|--|--|--|
| ① | MotoRISE [®] SHADING SYSTEM ♦ Option for MotoRIse System Models MR250 and MR350 | SEE MOTORISE SYSTEM DATA SHEETS FOR SHADING SYSTEM INFORMATION | | | |
| REQUIRED FOR POWER: CHOOSE OPTION A OR B | | | | | |
| OPTION A: MOTORS TO J-BOX (DEFAULT OPTION) | | | | | |
| A2 | J-BOX ♦ 120 V | BY OTHERS (REQUIRED) | | | |
| A3 | 120V AC MOTOR LEAD W/ MALE ANDERSON PLUG ♦ 3 Conductor  RED = NOT USED BLACK = HOT WHITE = NEUTRAL GREEN = GROUND | INCLUDED WITH MOTOR: 1.25' LENGTH MLRTS-M/I-1.25 | SOLD SEPARATELY: 3' LENGTH MLRTS-M/I-3 | | |
| A4 | 120V AC J-BOX LEAD** W/ FEMALE ANDERSON PLUG RED = NOT USED BLACK = HOT WHITE = NEUTRAL GREEN = GROUND ♦ 4 Conductor  | INCLUDED WITH MOTOR: 5' LENGTH MLS-F/O-5 | SOLD SEPARATELY: 10' LENGTH MLS-F/O-10 | SOLD SEPARATELY: 15' LENGTH MLS-F/O-15 | SOLD SEPARATELY: 25' LENGTH MLS-F/O-25 |
| OPTION B: MOTORS TO POWER OUTLET | | | | | |
| B2 | AC POWER OUTLET ♦ 120 V | BY OTHERS (REQUIRED) | | | |
| B3 | 120V AC MOTOR LEAD NO CONNECTOR  BLACK = HOT GREEN = GROUND WHITE = NEUTRAL ♦ 3 Conductor | SOLD SEPARATELY: 6' LENGTH MLRTS-I/O-6 | SOLD SEPARATELY: 12' LENGTH MLRTS-I/O-12 | SOLD SEPARATELY: 18' LENGTH MLRTS-I/O-18 | SOLD SEPARATELY: 24' LENGTH MLRTS-I/O-24 |
| B4 | 3 PRONG PLUG ♦ Use with any length MLRTS-I/O-X* to power one single motor directly from any power outlet. Ships unattached. | SOLD SEPARATELY: MP-RTS | | | |
| REQUIRED FOR BASIC CONTROL | | | | | |
| 5 | RJ9 TO RJ45 MOTOR COMMUNICATION CABLE ♦ See Reverse for Pin-out information. | INCLUDED WITH MOTOR: 2.5' LENGTH ILT3MOD-2.5 | SOLD SEPARATELY: 8' LENGTH ILT3MOD-8 | SOLD SEPARATELY: 12' LENGTH ILT3MOD-12 | SOLD SEPARATELY: 24' LENGTH ILT3MOD-24 |
| 6 | DATA HUB ♦ Adds 5 device ports to the SDN bus line. Distance to bus line must not exceed 200ft. | SOLD SEPARATELY: ILT3DH | | | |
| 7 | BUS POWER SUPPLY ♦ 24V DC. Provides up to 80 power units on the SDN bus. | SOLD SEPARATELY: ILTPS | | | |
| 8 | DIGITAL CONTROLS ♦ At least one control is required for motors to operate. | MULTIPLE OPTIONS AVAILABLE. SEE "DIGITAL CONTROLS" FOR ALL OPTIONS | | | |
| SEE "DIGITAL ADDITIONAL CONTROL OPTIONS" FOR MORE ADVANCED SYSTEM CONTROLS NOT SHOWN HERE | | | | | |



*Replace "X" with desired length when ordering.
**Plenum rated cable available. Please contact WT Shade.
For CAD wiring schematics for this system and others, please visit WTShade.com

DIGITAL FEATURES

- ◆ Intelligent, programmable motors capable of up to 16 addresses per motor, allowing for a multitude of overlapping group control and individual control options.
- ◆ Offers a fully scalable motor network that can be integrated with 3rd party control systems, building management systems, and audiovisual systems via RS232, RS485 or Dry Contact.
- ◆ Pinpoint accurate shade positioning.
- ◆ Capable of intelligent responses based on current conditions using various sun and temperature sensors.



8 DIGITAL CONTROLS Select at least one. Each sold separately.

BASIC CONTROL OPTIONS (REQUIRED FOR CONTROL)



DECOFLEX DIGITAL SWITCHES

- ◆ Each sold individually.
- ◆ Switch Plates included.
- ◆ Can be preprogrammed with preset intermediate positions.
- ◆ Preprinted or custom engraved buttons available.
- ◆ Available in White (-10), Ivory (-04), and Black (-90).

6 BUTTON
ILTKP-6-XX*

8 BUTTON
ILTKP-8-XX*

INSTALLATION TOOLS (REQUIRED FOR PROGRAMMING)



RS485 LIMIT SETTING TOOL

- ◆ Motors require a Limit Setting Tool for the initial set up and programming during installation.
- ◆ May be reused for future installations.

ILT3-LIMTOOL

| DIGITAL ADDITIONAL CONTROL OPTIONS Optional. Each sold separately. | | | PART # |
|--|---|--|----------|
| (A) EXTENDER | <ul style="list-style-type: none"> ◆ Use to extend the size of any system by allowing longer wiring lengths or adding additional devices. ◆ Supports 255 devices and 4000 ft. of bus wiring per segment and supplies up to 100 powered units. | | ILT3EXT |
| (B) SOMFY CONNECT™ UAI PLUS | <ul style="list-style-type: none"> ◆ Allows for integration between third party automation systems over IP/Ethernet. ◆ Embedded motor commissioning software ◆ RS232. RS485 Out. | | ILT3UAI |
| (C) SOMFY CONNECT™ LTI | <ul style="list-style-type: none"> ◆ Integrates with RadioRA[®] 2, HomeWorks[®] QS, Quantum[®], and GRAFIK Eye[®] QS systems. ◆ Features a built in real-time clock for scheduled events. ◆ RS232 integration connection point, RS485 connection port, and 3.5 mm female barrel connector power input. | | AVISCL |
| (D) SOMFY CONNECT™ BMS INTERFACE | <ul style="list-style-type: none"> ◆ Allows for integration between third party building management systems using Modbus, BACnet MS/TP, and BACnet IP ◆ Supports up to 1500 data points. | | ILT3BMSI |
| (E) DATA PANEL | <ul style="list-style-type: none"> ◆ Adds 4 isolated bus segments to an SDN system. ◆ Supports 255 devices and 4000 ft. of bus wiring per segment and supplies up to 100 powered units. ◆ Built-in keypad offers local control over the system from the Data Panel. | | ILT3DP |

