

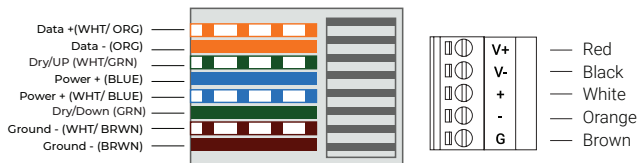
## 485-motor control board

### Features

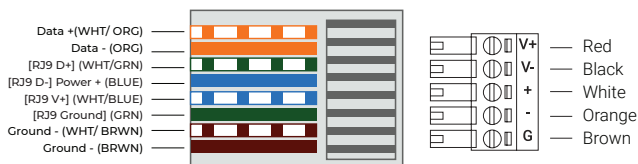
- MOAB is a 485-motor control board
- AC motors and DC motors with remote DC power supported (Low Voltage)
- Motor control & configuration, including adjusting limits, rotation, & motor reset
- Built-in & removable Infrared receiver, SI RS-485 serial protocol, Dry Contacts, & Galvanically Isolated 12v Trigger
- Can Auto-Discover & pair 485-devices
- Automated User Interface Commissioning for 485 and RTS wire free keypads and remote controls (no software or PC needed)
- Din Rail mount compatible

### Device port pinouts

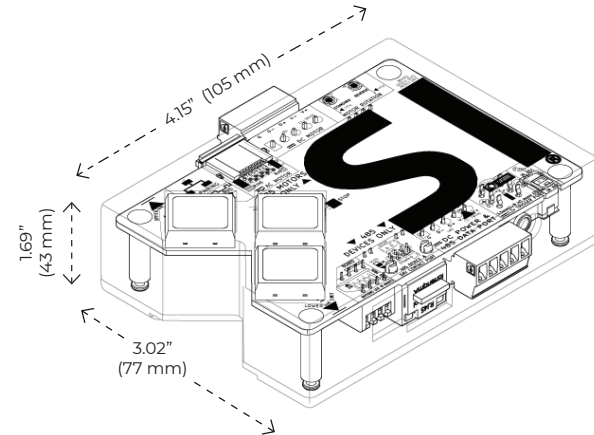
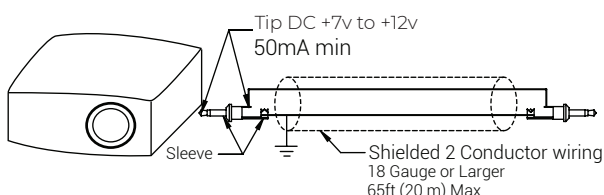
485 Device connections



485 Motor connections



12v Trigger connection



### Moab Specifications

*For illustration purposes only*

### Dimensions

4.15" L x 3.02" H x 1.69" H  
(105 mm x 77 mm x 43 mm)  
1RU/Half Rack compatible

### Package Options - In the Box

#### #202311

1 Moab unit, 1 SI IR remote, 1 IR extension cable, Installation Instructions

### Material (Indoor use only)

URT 8100 resin

### Works with

- Nano shades
- Solo 3 Screen
- TRO.Y
- Zen 2 shades
- RTS Receiver
- 485 keypads
- C4 Zigbee

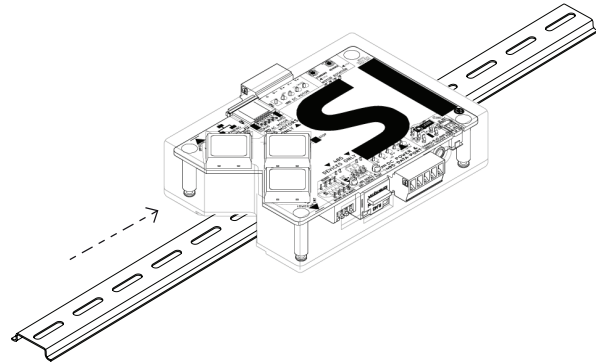
## Wire types and length

Scan the QR code/reference the Wire Topologies sheet (<https://si-website-files.s3.amazonaws.com/Downloads/Info+Sheets/wire-topologies.pdf>) on our website for supported wire and pinouts.



Note: Case can be removed, to replace internal Solo 3, Moab boards, using a large flathead screwdriver gently pry the top and bottom using the groove located on the right side of Moab, until the bottom disengage from the standoffs.

## Mounting



Din rail mounting