

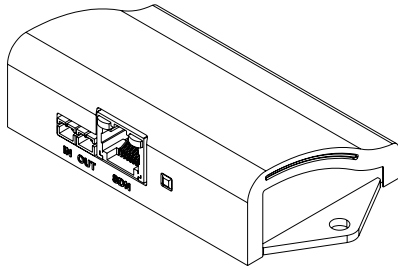
TDMI for Zigbee

Installation Instructions

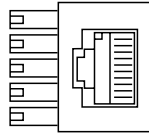


INSTALLERS: Please leave this manual with the owner.

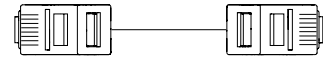
PARTS LIST



Interface
(#1870743)



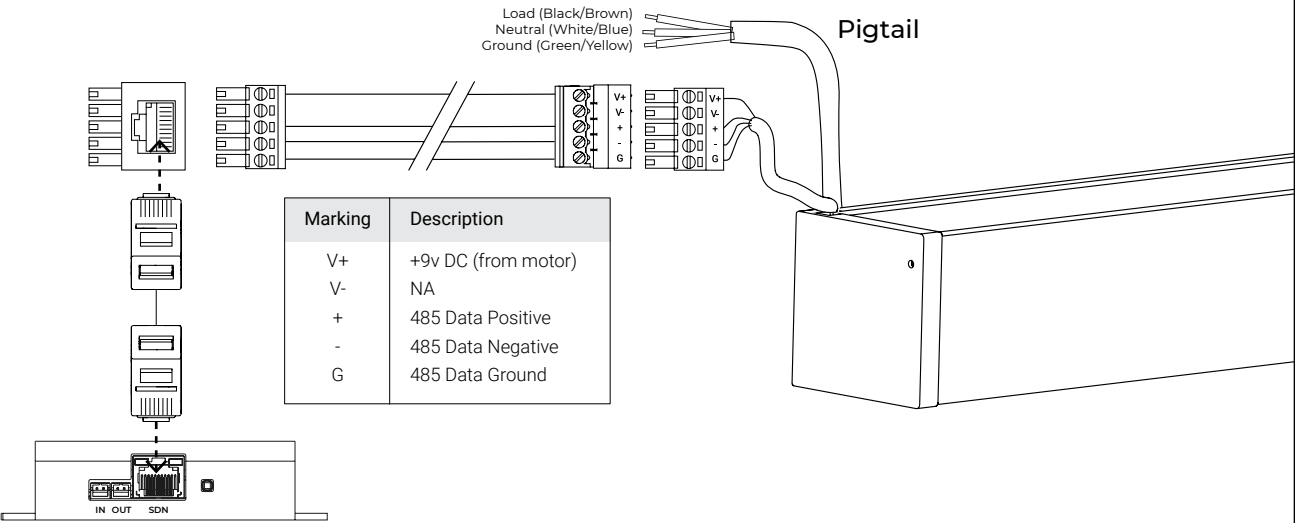
C4/ZBDMI bridge
(#340010)



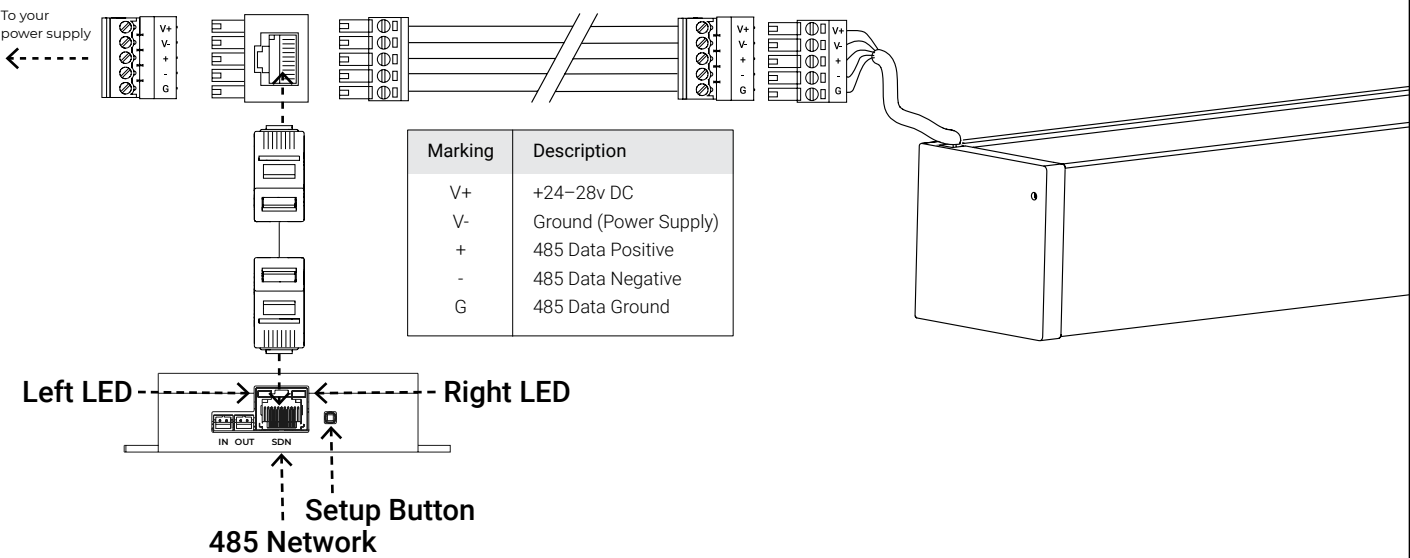
Cat5e

WIRING FOR DC AND AC MOTORS

DC Wiring (AC Motor - Wired control)



DC Wiring (DC Motor – Wired Control)



NOTE: The TDMI for Zigbee interface can be located up to 200' from the motor.

NETWORK SETUP

NOTE: One (1) TDMI for Zigbee is required for each motor.

- 1** Upon powering up, the RIGHT LED will flash ORANGE indicating its firmware version number.
 - a. Ex. Version 3.2
 - i. >> 3 ORANGE flashes
 - ii. >> 2 GREEN flashes
 - iii. Left LED shows power >> solid GREENUpon powering the device: LED will slowly flash ORANGE, indicating device is in inclusion mode.

- 2** Once joined to the Zigbee network, RIGHT LED turns solid ORANGE.
 - a. RIGHT LED from ORANGE to GREEN, indicating Zigbee communication.

- 3** To reset your device, press and hold the SETUP button for seven (7) seconds.
 - a. Device will now be in factory mode.

NOTE: If inclusion is unsuccessful (not blinking ORANGE), retry step 3.

LED Indicators

LEFT = power LED

RIGHT = Zigbee/SDN Communication

- i. Blinking ORANGE & GREEN >>> communication to motor
- ii. Blinking ORANGE >>> device is in Inclusion mode
- iii. Solid ORANGE >>> device is connected to the Zigbee network

Disconnecting the Digital Motor Interface from a Network:

- 1** SELECT the disconnect command on your TDMI Zigbee controller.

NOTE: To manually disconnect the TDMI for Zigbee Interface from the network, press and hold the SETUP button for seven (7) seconds. The TDMI for Zigbee Interface will disconnect from the network when the inclusion LED starts flashing ORANGE.

NOTE: If the TDMI for Zigbee module loses power, the motor will need to be rediscovered. When using the TDMI for Zigbee with Janus and other large power supplies, the bridge allows the same motor to be discovered every time.

NETWORK SETUP

OPERATIONS WITH TDMI

- OPEN
- CLOSE
- GO TO Percentage
- STOP

MANUAL OPERATION

The setup button can be used to manually operate the motor at any time, as follows:

- Repeatedly pressing and releasing the SETUP button within ½ second will drive the motor in a sequence of Down-stop-up-stop.
 - 1st press – down command
 - 2nd press – stop command
 - 3rd press – up command
 - 4th press – stop command
- Example:
 - First, while the motor is at rest, press and release the SETUP button to drive motor down.
 - Next, press and release the SETUP button again to stop the motor.
 - Pressing and releasing the SETUP button one more time will drive the motor up.
 - A subsequent press and release will stop the motor.

FACTORY RESET

1. Press and hold the SETUP button for seven (7) seconds.
 - a. When button is released --- LED flashes ORANGE. Device is now in Inclusion mode.

NOTE: By default, the TDMI for Zigbee Interface is in Inclusion mode.

REMOVAL FROM NETWORK

1. The TDMI for Zigbee interface will be removed from the network when the inclusion LED turns off.
2. Press and hold the button for (7) seconds, which puts device into Inclusion mode.



Please use this QR Code to access the updated installation instructions and video tutorials.

Technical Support: 512.832.6939 (7:30am – 5pm) CST

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screeninnovations.com

FOR USE WITH HELEN AND TRO.Y



Scan this QR code to download TRO.Y Programming Guide, and follow the instructions on Pg. 27

FOR USE WITH LINK PROZ AND TAHOMA



Scan this QR code to download instructions to add this device to your TaHoma app.



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