



# ZIGBEE WIREFREE LI/ION & LV MOTOR

v.1.1 | 13 April 2021

## Shade / Screen Applications

### Input

Wirefree Li/Ion charging 12v DC  
Low-Voltage 12 - 28v DC

### Limit Switch Capacity

180 Turns

### Power Supply

Wirefree Li/Ion included chargers  
Low-Voltage SI Power Supplies (Janus)

### Operating Temperature Range

32F to 140F (OC to 60C)

### Torque

0.4 Nm - 4 Nm

### Rated Current

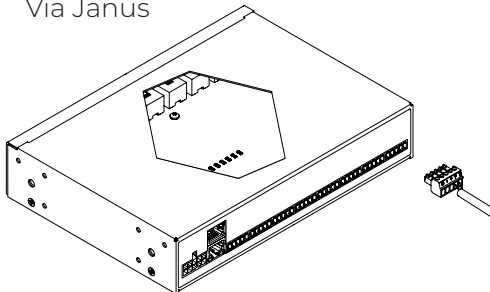
1.5 A

### Thermal Protection

5 min.

## Low-Voltage option (no re-charging, sold seperately)

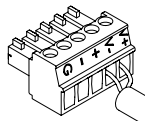
Via Janus



Note: Only use the Terminal block side with low-voltage.

Connector Mark  
Detail View

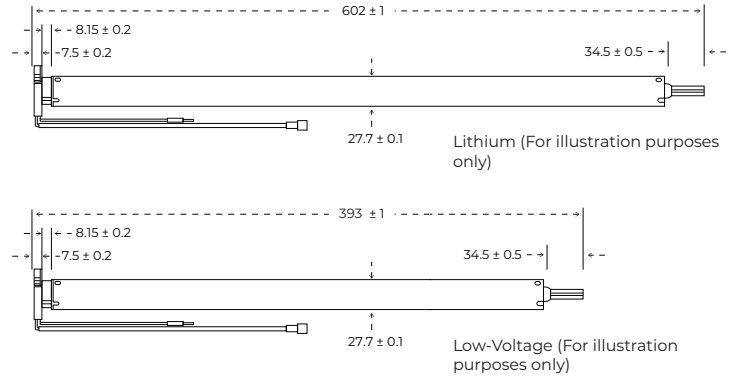
Color: White



Maximum Power Cable Length  
(to guarantee characteristics)

Guage	Length
14 AWG	240 ft.
16 AWG	150 ft.
18 AWG/ UTP	100 ft.

Scan the QR code below to refer the Wire Topologies sheet on our website for supported wire and pinouts.



## Zigbee Wirefree Li/Ion & Low Voltage (12v) Motor Specifications

### Dimensions

Lithium  
23.7" L X 1.09" W  
(602 mm x 27.7 mm)

Low-Voltage  
15.5" L X 1.09" W  
(393 mm x 27.7 mm)

### Speed

20 rpm

### Sound Level\*

< 49dBA \* According to standards ISO 3741 NF 31022 in dBA ref 1pW at nominal torque without end product.

### Compatible with

- LinkPro Z / TaHoma
- Janus (for power)