



# VTi® RELION CELTIC LOW VOLTAGE MOTOR | 6 Nm

6-800-ML-35B16 (12V DC - Bidirectional 35mm)

SERIES Ø 35

VTi® RELION CELTIC LOW VOLTAGE MOTOR | 6 Nm



AS QUIET AS  
**30dB**  
VTi® RELION MOTORS



## FEATURES

- DC Low voltage motor continuously powered with Power Distribution Panel.
- Efficient, safe, and economical low voltage wiring installation. Electrician not required for installation.
- 433 MHz Bi-Directional RF Communication allows control of the position of the shades and keeps them track anytime.
- Aesthetic, slim, and functional motor head design with LED status indicator.
- Excellent acoustic performance that warranties an ultra-quiet operation of only 30dB.
- Simple electronic limits adjustment and favorite position limit can be preset.
- Recommended for Roller and Neolux dual shades up to 38Lb.
- Up to 3 adjustable speed options and soft start and stop function.
- Compatible with small tap, hook mount and motor block installation systems. A complete snap-in system (no tools required) that minimized the light gap.
- Retrofit capabilities to upgrade existing manual shades while keeping the same deductions and brackets.
- A variety of control solutions are available including handheld, wall switch and compatibility with leading brands of automation systems, and voice control assistant.
- Technical catalogs, programming instructions manuals, programming videos, and technical support available.

## APPLICATIONS



Roller  
Shades



Neolux Dual  
Shades

## SETUP



Scan to Download  
the Programming  
Instructions

## CONTROL SOLUTIONS



### Chic Remote

2 Channels Bidirectional  
6-800-AT-CHB02



### Chic Remote

6 Channels Bidirectional  
6-800-AT-CHB06



### Point RE-LION Remote

2 | 6 Channels Bidirectional  
6-800-AT-POB02 | 06



### Escalate Remote

6 Channels Timer + Display  
Bidirectional  
6-800-AT-ESBT6



### Escalate Remote

16 Channels Display  
Bidirectional  
6-800-AT-ESB16



### Deco One RE-LION Wall Switch

2 | 6 Channels Bidirectional  
6-800-AT-DEB02 | 06

## SMART SOLUTIONS



### VTi® RELION SMARHUB PLUS

6-800-HA-VTI02



### VTi® RELION NEXUS BRIDGE

6-800-HA-VTI03



VTi HomeMate+  
App

## CERTIFICATIONS



vertilux.com

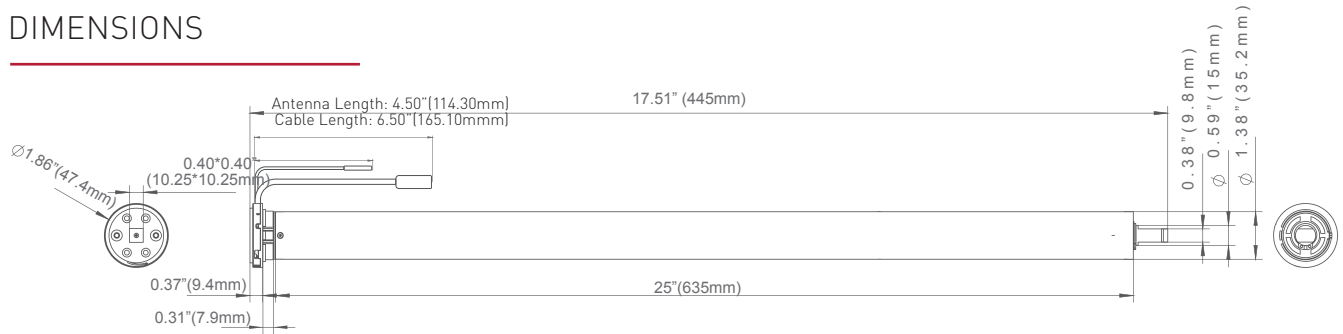
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## DIMENSIONS



## TECHNICAL SPECS

<b>Torque</b>	6Nm	<b>Thermal Protection</b>	6 Minutes
<b>Speed</b>	28-29-30 rpm	<b>Voltage Supply</b>	12 V DC
<b>Sound Level</b>	30 dB	<b>Radio Frequency</b>	433.92 MHz
<b>Limits</b>	Electronic	<b>Weight Capacity*</b>	17 lb   7.7 kg
<b>Index Protection</b>	IP 20	<b>Working Temp.</b>	14 ~ 122 °F   -10 ~ 50 °C
<b>Power</b>	66 W	<b>RF Modulation</b>	FSK
<b>Current</b>	4.10 A		

## POWER SOLUTIONS



\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary. Specifications are subject to change without notice.

## COMPATIBLE TUBES & ADAPTERS



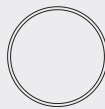
13/4" | 45 mm

**Aluminum Tube**

0-154-TU-452XX

Crown & Drive

6-700-AS-35045



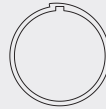
2" | 50 mm

**Smooth Aluminum Tube\*\***

0-154-TU-50XXX

Crown & Drive

6-700-AS-35050



2" | 50 mm

**Keyed Aluminum Tube**

0-154-TU-5021X

Crown & Drive

C: 6-700-AC-35K50  
D: 6-700-AD-35K50



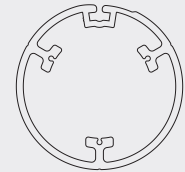
2 1/2" | 63 mm

**Structured Aluminum Tube**

0-154-TU-630XX

Crown & Drive

C: 6-700-AC-35063  
D: 6-700-AD-45063



3 1/4" | 83 mm

**Structured Aluminum Tube**

0-154-TU-8302X

Crown & Drive

C: 6-700-AC-35063  
D: 6-700-AD-45063

## OTHER ACCESORIES

### Motor Block System Adapter

6-700-BR-SQ002\*

### Hook Mount Systems Adapter

6-700-BR-4SLAM

6-700-BR-SQ009  
(metal-6 holes)

6-700-BR-SQ012  
(plastic-6 holes)

6-700-BR-SQ004

### Exterior Systems Adapter

6-700-BR-SQ001

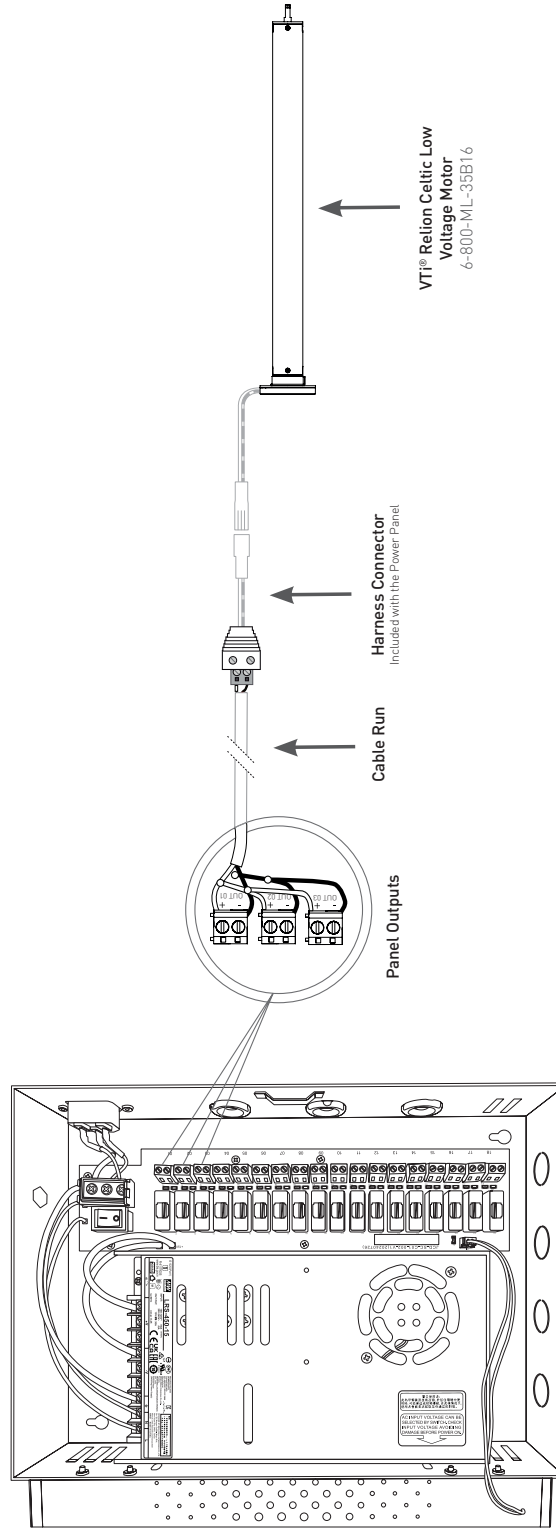
6-700-BR-SQ005

\*Also included with the motor



# VTi® RELION CELTIC LOW VOLTAGE MOTOR | 6 Nm

POWER SOURCE COMPATIBLE: POWER DISTRIBUTION PANEL  
6-800-MA-MLP12



## IMPORTANT INFORMATION

- VTi® Relion Celtic Low Voltage Motors (6800-ML-35B16) require a parallel connection using 3 outputs of the power panel.
- Utilizing three parallel connections helps prevent power supply overload during the operation.