



# VTi® CELTIC MECHANICAL LIMITS MOTOR | 6 Nm

6-700-CM-35R06 (120V) | 6-700-CN-35R06 (230V)



## FEATURES

- Suitable for residential and commercial projects.
- Its roll up speed is as fast as 33 rpm.
- Recommended for shades with dimensions up to 156" x 156" | 4 m x 4 m.
- Operation as quiet as 35 dB.
- Reliable and consistent mechanical limits.
- Not affected by voltage variations and spikes.
- Limits are not subject to changes that erroneously could be activated by the transmitter.
- 433.92 MHz radio frequency communication.
- AC: alternating current.
- Suitable for indoor and outdoor use. It is water resistant, but not waterproof.
- Compatible with all the installation options that Vertilux offers.
- Smart control with VTi® Smart Hub, anytime, anywhere.
- Compatible with leading brands of Home Automation Systems.

## APPLICATIONS



Roller Shades



Neolux Dual Shades



Horizontal Blinds



Dropshades

## CONTROL SOLUTIONS



VTi® Celtic Neo RF Emitter  
1, 6 & 16 Channels



VTi® Celtic RF Wireless Pick Up Wall Switch  
2 & 6 Channels



VTi® Celtic RF Wireless Wall Switch  
1 & 6 Channels



Timer Touch & Wall Switch  
16 Channels

## SMART SOLUTIONS



VTi® Celtic Serial Interface



VTi® Smart Hub



VTi HomeMate App

## CERTIFICATIONS

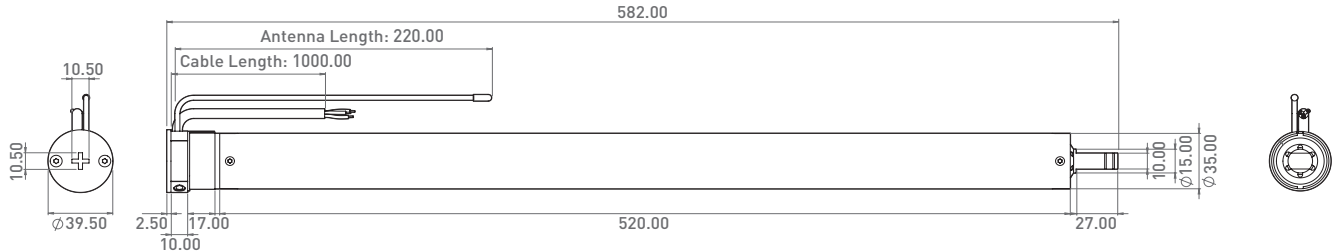




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## DIMENSIONS

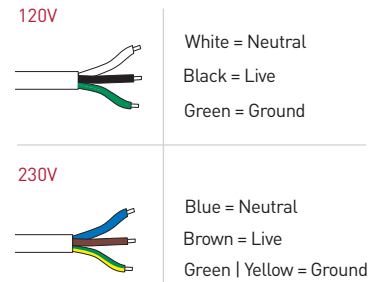


\*All measurements are reflected in millimeters.

## TECHNICAL SPECS

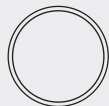
|                         |                                       |                           |   |
|-------------------------|---------------------------------------|---------------------------|---|
| <b>Torque</b>           | 6 Nm                                  | <b>Cable Length</b>       | 39 in   1 m                                     |
| <b>Speed</b>            | 33 rpm                                | <b>Current</b>            | CM: 1.1 A<br>CN: 485 mA                         |
| <b>Sound Level</b>      | 35 dB                                 | <b>Thermal Protection</b> | 4 Minutes                                       |
| <b>Limits</b>           | Mechanical                            | <b>Voltage Supply</b>     | CM: 120 V AC (60 Hz)<br>CN: 230 V AC (50/60 Hz) |
| <b>Max. # of Turns</b>  | 32                                    | <b>Radio Frequency</b>    | 433.92 MHz                                      |
| <b>Index Protection</b> | IP 44                                 | <b>Maximum Shade Size</b> | 156" x 156"   4 m x 4 m                         |
| <b>Power</b>            | CM: 130 W<br>CN: 115 W                | <b>Weight Capacity*</b>   | 38 lb   17 kg                                   |
| <b>Cable Type</b>       | SVT #18AWG (3 x 0.8 mm <sup>2</sup> ) |                           |   |

## WIRING SPECS

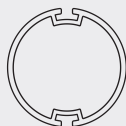


\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary. Specifications are subject to change without notice.

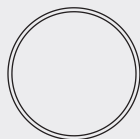
## RECOMMENDED TUBES



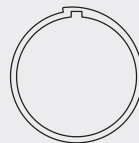
1 1/2" | 38 mm



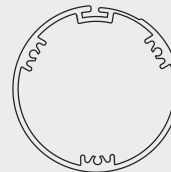
1 3/4" | 45 mm



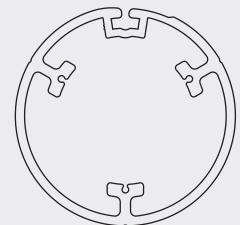
2" | 50 mm



2" | 50 mm



2 1/2" | 63 mm



3 1/4" | 83 mm

|                               |                               |                                    |                               |                                 |                                 |
|-------------------------------|-------------------------------|------------------------------------|-------------------------------|---------------------------------|---------------------------------|
| <b>Smooth Aluminum Tube**</b> | <b>Aluminum Tube</b>          | <b>Smooth Aluminum Tube**</b>      | <b>Keyed Aluminum Tube</b>    | <b>Structured Aluminum Tube</b> | <b>Structured Aluminum Tube</b> |
| 0-154-TU-38420   21           | 0-154-TU-452XX                | 0-154-TU-50XXX                     | 0-154-TU-5021X                | 0-154-TU-630XX                  | 0-154-TU-8302X                  |
| <b>Lengths: 16' &amp; 19'</b> | <b>Lengths: 16' &amp; 19'</b> | <b>Lengths: 16', 19' &amp; 20'</b> | <b>Lengths: 16' &amp; 19'</b> | <b>Lengths: 16' &amp; 19'</b>   | <b>Lengths: 16' &amp; 19'</b>   |

\*Find all recommended tubes, along with their crowns, drives & end plug adapters in the Compatible Tubes & Adapters Section, at the end of this Manual.

\*\*These tubes require a notch on the crown adapter or counter ring and 2 rivets on the drive in order to avoid slipping.