



# VTi® CELTIC ELECTRONIC LIMITS MOTOR | 20 Nm

6-700-CM-45E20 (120V) | 6-700-CN-45E20 (230V)



AS QUIET AS  
**42dB**  
VTi® CELTIC MOTORS



\*Motor Plate for Dropshades and Awnings Systems is already installed in the motor.

## FEATURES

- The choice for residential and commercial projects with exterior shades.
- Compatible with Atos & Arion System.
- Its roll up speed is as fast as 30 rpm.
- Weight capacity of 118 lb | 68 kg.
- Operation as quiet as 42 dB.
- Simple electronic setting of limits and other adjustments.
- Up to 4 intermediate limits can be preset.
- Tilting function can be set.
- 433.92 MHz radio frequency communication.
- AC: alternating current.
- Suitable for indoor and outdoor use. It is water resistant, but not waterproof.
- Smart control with VTi® Smart Hub, anytime, anywhere.
- Compatible with leading brands of Home Automation Systems.

## APPLICATIONS



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

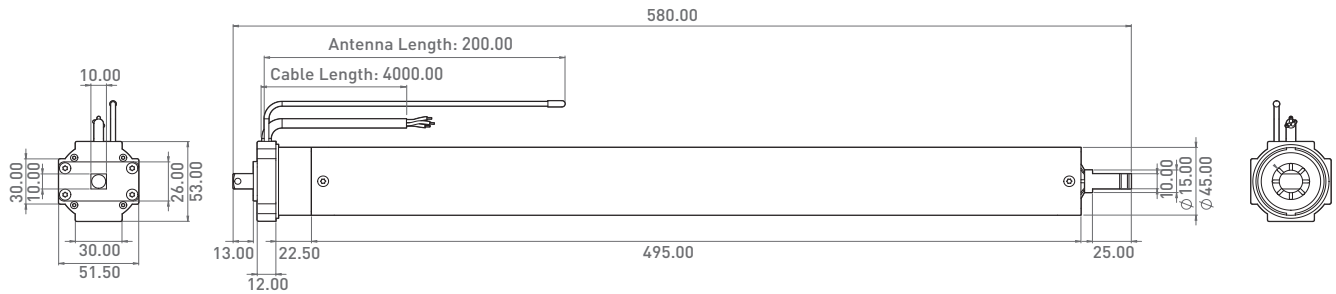




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## DIMENSIONS

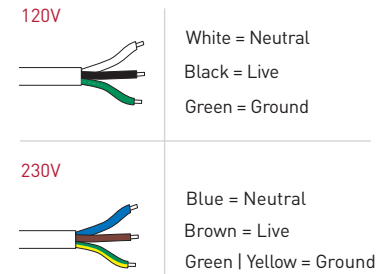


\*All measurements are reflected in millimeters.

## TECHNICAL SPECS

<b>Torque</b>	20 Nm	<b>Current</b>	CM: 2.5 A CN: 1.089 A
<b>Speed</b>	30 rpm	<b>Thermal Protection</b>	4 Minutes
<b>Sound Level</b>	42 dB	<b>Voltage Supply</b>	CM: 120 V AC (60 Hz) CN: 230 V AC (50/60 Hz)
<b>Limits</b>	Electronic	<b>Radio Frequency</b>	433.92 MHz
<b>Index Protection</b>	IP 44	<b>Maximum Shade Size</b>	236" x 236"   6 m x 6 m
<b>Power</b>	CM: 300 W CN: 250 W	<b>Weight Capacity*</b>	118 lb   68 kg
<b>Cable Type</b>	SVT #18AWG (3 x 0.8 mm <sup>2</sup> )		
<b>Cable Length</b>	158 in   4 m		

## WIRING



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

## RECOMMENDED TUBES

2"   50 mm	2½"   63 mm	2½"   63 mm	2¾"   70 mm	3"   78 mm	3"   78 mm	3¼"   83 mm
Smooth Heavy Duty Aluminum Tube**	Structured Aluminum Tube	Galvanized Grooved Tube	Galvanized Grooved Tube	Aluminum Grooved Tube	Galvanized Grooved Tube	Structured Aluminum Tube
0-154-TU-50522	0-154-TU-630XX	0-154-TU-G6321	0-154-TU-G702X	0-154-TU-78022	0-154-TU-G7821	0-154-TU-83020
Length: 20'	Lengths: 16' & 19'	Length: 19'	Lengths: 16.4' & 19'	Length: 19.5'	Length: 19'	Length: 16'

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

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