



VTi® CELTIC MECHANICAL LIMITS MOTOR | 20 Nm

6-700-CM-45R20 (120V) | 6-700-CN-45R20 (230V)



FEATURES

- The choice for residential and commercial projects with exterior shades.
- Its roll up speed is as fast as 30 rpm.
- Weight capacity of 118 lb | 68 kg.
- Operation as quiet as 42 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 Atos & Arion System.
- 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

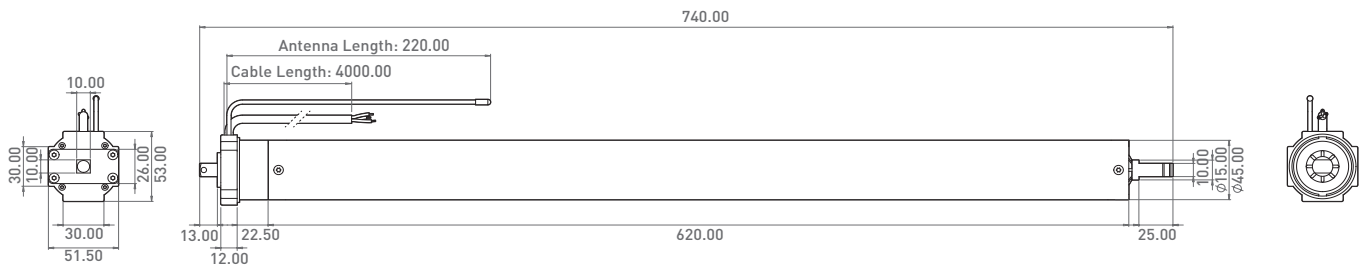




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DIMENSIONS



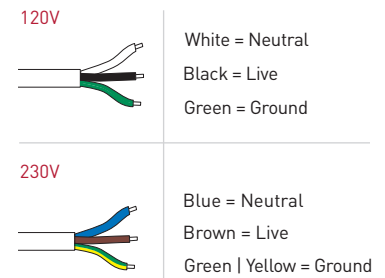
*All measurements are reflected in millimeters.

TECHNICAL SPECS

| | | | |
|-------------------------|------------------------------------|---------------------------|---|
| Torque | 20 Nm | Cable Length | 158 in 4 m |
| Speed | 30 rpm | Current | CM: 2.5 A CN: 1.089 A |
| Sound Level | 42 dB | Thermal Protection | 4 Minutes |
| Limits | Mechanical | Voltage Supply | CM: 120 V AC (60 Hz) CN: 230 V AC (50/60 Hz) |
| Max. # of Turns | 55 | Radio Frequency | 433.92 MHz |
| Index Protection | IP 44 | Maximum Shade Size | 236" x 236" 6 m x 6 m |
| Power | CM: 300 W CN: 250 W | Weight Capacity* | 118 lb 68 kg |
| Cable Type | SVT #18AWG (3x0.8mm ²) | | |

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

WIRING



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.