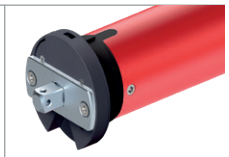
VERTILUX RELION AC ELECTRONIC LIMITS MOTOR | 10Nm

6-800-ME-45UD1 (120V - Unidirectional with Obstacle and Tension Detection)



AS QUIET AS 43dB VTi® RELION MOTORS





*Metal plate for exterior systems is already installed in the motor head.

FEATURES

- AC Line voltage motor continuously powered that provides the ideal solution for renovations or new building projects.
- The motor features built-in obstacle and tension detection, automatically stopping when it encounters an obstruction or excessive tension.
- Electronic limit motor allows a simple programming setup through the remote control.
- Index Protection IP44 Recommended for Exterior Dropshades up to 51 Lb.
- Compatible with drop shades (Axio) and Zip cassette system.
- Functional motor head design with LED status indicator.
- Excellent acoustic performance (43dB) and operation.
- Favorite position limit, continue or jog mode can be preset.
- 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



Drop Shades
Axio System



Zip Cassette

CONTROL SOLUTIONS



Chic RELION Remote
2 | 6 Channels
Bidirectional
6-800-AT-CHB02 | 06
6-800-AT-CBB02 | 06



Point RELION Remote
2 | 6 |16 Channels
Unidirectional
6-800-AT-POU02 | 06 | 16



Deco One RELION Wall Switch
2 | 6 Channels
Bidirectional
6-800-AT-DEB02 | 06
6-800-AT-DBB02 | 06



Escalate Remote
6 Channels Timer + Display
Bidirectional
6-800-AT-ESBT6
6-800-AT-EBBT6



Escalate Remote
16 Channels Display
Bidirectional
6-800-AT-ESB16
6-800-AT-EBB16



Wind and Light Sensor
6-800-MA-SENS1

ⓘ Bidirectional Remotes are also compatible with Unidirectional motors.
Refer to programing instruction manual for details.

SMART SOLUTIONS



RELION SMARTHUB
6-800-HA-VTI01



RELION SMARTHUB PLUS
6-800-HA-VTI02



VTi® HomeMate+ App



VTi® NEXUS BRIDGE
6-800-HA-VTI03



BOND BRIDGE
6-800-HA-VTI04

CERTIFICATIONS & WARRANTY

5 YEARS WARRANTY VTi® RELION MOTORS

c UL us

FC

vertilux.com

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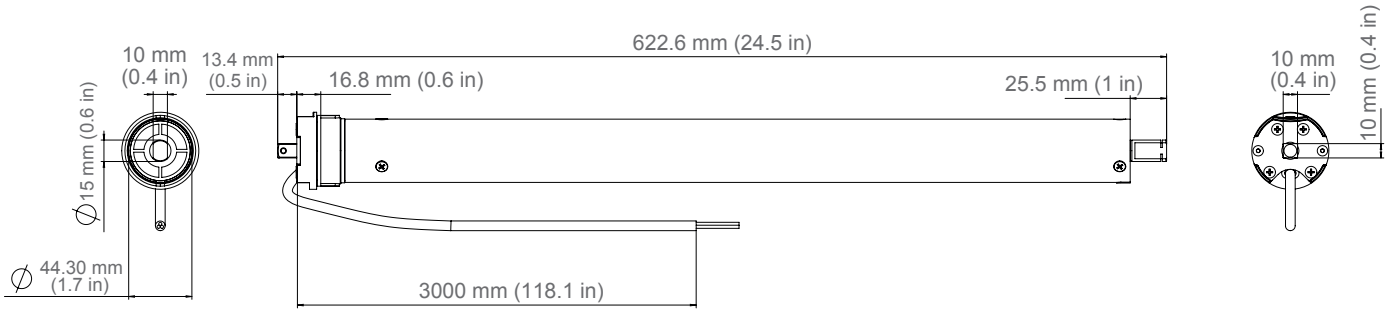
SERIES Ø45

VERTILUX RELION AC ELECTRONIC LIMITS MOTOR | 10Nm

VERTILUX RELION AC ELECTRONIC LIMITS MOTOR | 10Nm

6-800-ME-45UD1 (120V - Unidirectional with Obstacle and Tension Detection)

DIMENSIONS



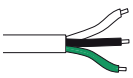
TECHNICAL SPECS

Torque	10 Nm	**Current**	1.68 A
Speed	28 rpm	**Thermal Protection**	4 Minutes
Sound Level	43 dB	**Voltage Supply**	120 V AC (50 | 60 Hz)
Limits	Electronic	**Radio Frequency**	433.92 MHz
Index Protection	IP 44	**Weight Capacity***	51 lb | 23 kg
Power	201.6 W	**Working Temp.**	14 ~ 122 °F | -10 ~ 50 °C
Cable Type	SVT #18AWG (3 x 0.8 mm2)	**RF Modulation**	ASK
Cable Length	118 in | 3.00 m		

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

WIRING

120V

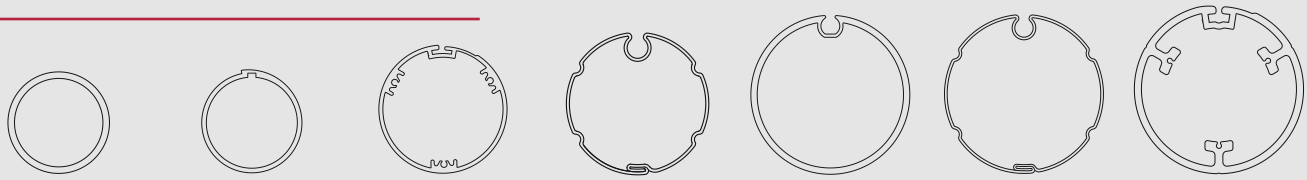


White = Neutral
Black = Live
Green = Ground

SETUP

Scan to Download the Programming Instructions

COMPATIBLE TUBES & ADAPTERS



2" | 50 mm	2" | 50 mm	2½" | 63 mm	2¾" | 70 mm	3" | 78 mm	3" | 78 mm	3¼" | 83 mm
Smooth Heavy Duty Aluminum Tube**	Keyed Aluminum Tube	Structured Aluminum Tube	Galvanized Steel Grooved Tube	Galvanized Grooved Tube	Galvanized Steel Grooved Tube	Structured Aluminum Tube
0-154-TU-50522	0-154-TU-502XX	0-154-TU-630XX	0-154-TU-G702X	0-154-TU-78022	0-154-TU-G7821	0-154-TU-83021
Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive
D: 6-700-AS-45050	D: 6-700-AD-35K50	C: 6-700-AC-45063 D: 6-700-AD-45063	C: 6-700-AC-DH570 D: 6-700-AD-DL570	C&D: 6-800-AS-45078	C&D: 6-800-AS-45078	C: 6-700-AC-45063 D: 6-700-AD-45063

OTHER ACCESORIES

PVC Grounding Plug 110V

6-700-EL-PLUG1

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

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