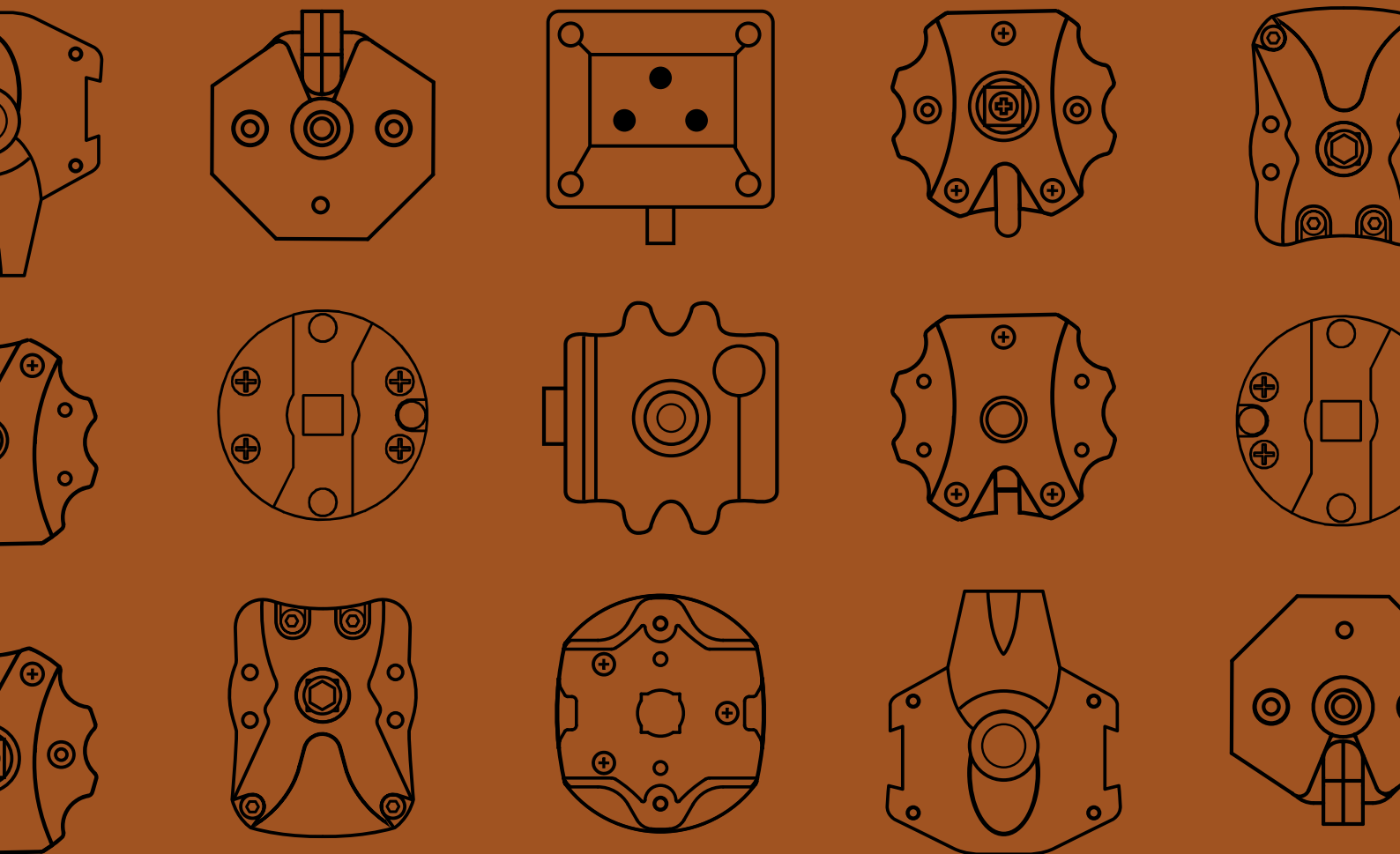


able. $\sqrt{2}$



able. $\sqrt{2}$



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We are Able, professional automation systems provider. By listening to our clients we create customisable, flexible and reliable systems they need. Long standing expertise, quality and cost effectiveness make us the ultimate professional automation provider.

We convert complexity in simple and robust products destined to last. Our systems are performing and durable, easy to install, use and maintain, conceived to be powerful and reliable tools for automation professionals.





Able is



Power with purpose

Covering diameters from Ø35 to Ø92, the Able range of tubular motors is engineered to meet the full spectrum of installation requirements. From lightweight roller blinds to high-capacity roller shutters, each motor is designed to deliver consistent torque, precision, and durability. Available with both mechanical and electronic limit switches, Able motors integrate across different systems, ensuring compatibility with varied control architectures and site conditions, enabling specifiers and installers to streamline projects with a single, unified platform, reducing complexity without compromising performance. By combining robust engineering with adaptable functionality, Able provides a professional-grade solution that guarantees long-term reliability across a wide range of applications.



Intelligence engineered

Automation today requires intelligence. Able tubular motors integrate advanced control technologies to meet the precise requirements of any project. Options include built-in radio receivers for simplified installation, obstacle detection for enhanced safety, manual override for emergency operation, solar battery power for energy autonomy, and integrated Wi-Fi for reliable connectivity. Each function is engineered to deliver performance across both residential and commercial applications. For installers and specifiers, this means greater flexibility in system design; for end-users, it ensures safety, efficiency, and convenience in daily operation. Able motors are responsive, they adapt intelligently to both the environment and the user, setting a benchmark for smart automation.

Designed for every application

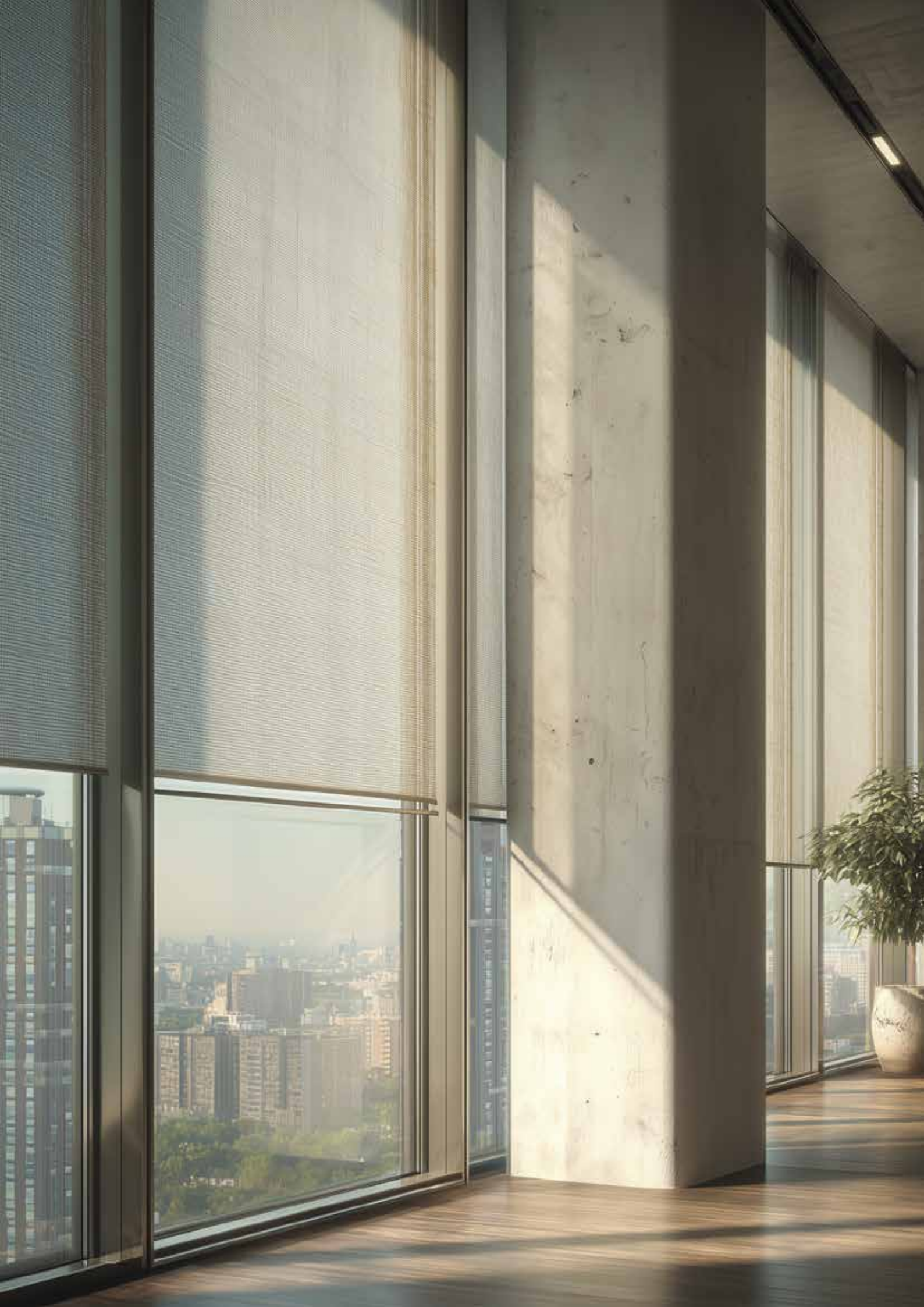
The Able range addresses the full spectrum of automation requirements: roller blinds, shutters, roller doors, awnings, aluminium Venetian blinds, adjustable slat shutters, motorised louvers, and drop curtains. Each motor is engineered to deliver the optimum balance of precision, power, and quiet operation, meeting the rigorous demands of professional installers. With Able, every installation becomes efficient, dependable, and built to deliver consistent performance, ensuring both end user satisfaction and professional confidence.

Connectivity without limits

Able motors integrate effortlessly with smart homes and modern automation systems. Built-in miniature control modules allow reliable management of devices beyond direct cable access. Compact and simple to install in standard electrical boxes, the modules provide control over awnings, shutters, grouped movements, lighting, and even weather sensors. Tubular motors with integrated Wi-Fi remove the need for external gateways and connect directly with the new 'Able to Use' app, enabling remote control and automation that is straightforward, responsive, and highly intuitive.

Innovation you can trust

Every motor in the Able range is developed with professional installers front of mind. Robust construction, advanced functions, and intelligent connectivity combine to ensure long-lasting, reliable performance across all applications. Easy to install, versatile, and fully compatible with modern control systems, Able motors help professionals work faster, safer, and with greater precision. Whether enhancing comfort, improving security, or delivering exact automation, Able tubular motors offer proven solutions that installers can depend on - day after day. With Able, automation is advanced and practical, engineered to raise the standard of every installation.



Automations at your fingertips

Total control in any installation and operating condition. Instant connectivity with integrated Wi-Fi motors and CX DEV WIFI modules. Compact, intuitive, and smart solutions for every system.

Integrated Wi-Fi motors ready to use

Choose simplicity with Able's new Wi-Fi tubular motors. Integrated Wi-Fi means no gateways, no complications. Just install the motor, connect it directly to the app, and start managing your automations in real time. From your smartphone you can open, close, and monitor - everything in a single dashboard. Fast, intuitive, effortless.

CX DEV miniature modules Smart by design

Expand the reach of your home automation. The CX DEV-R1 WIFI can be installed easily inside a standard electrical box, connected to tubular motors, and paired with the 'Able to Use' app for instant control.

Need more? With the CX DEV-R2 WIFI you can manage not only motors but also lights, with loads up to 500W. Compact, versatile, and reliable - designed to make every installation smarter.



1. Install the CX DEV-R1 WIFI module and connect it to the tubular motor. Alternatively, install a tubular motor with built-in Wi-Fi.

2. Connect the DEV module or a Wi-Fi tubular motor to the 'Able to Use' app. From a single panel, you can manage screen automation solutions as well as gates and garage doors.

3. Set up routines and grant access to other users.

Able to Use

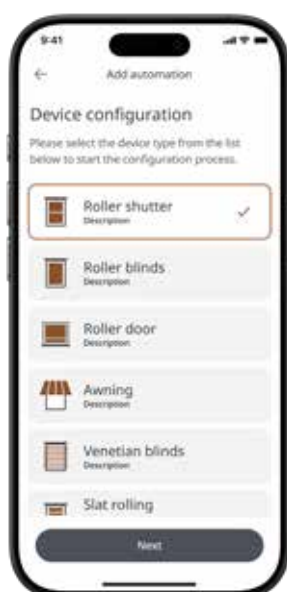
'Able to Use' is the app built for end-users, delivering simple, intuitive control of home and building automation. Screens, gates, and lights can all be managed at a tap, combining convenience with efficiency.

From a single dashboard, the app unifies every automation type, making control effortless. Guided setup wizards simplify configuration, while dedicated commands and customizable favourites give users complete authority over their systems.

Adding new users or installations is easy, ensuring a smooth experience from day one. Personalized scenarios allow multiple automations to work in harmony, tailored to individual lifestyles and preferences.

With direct Wi-Fi connectivity — no additional gateway required — the app provides streamlined, personalized, and connected management of every automation.

Designed for easy management of home automations



Easy configuration

Step-by-step wizards make setting positions and reversing movements simple and intuitive



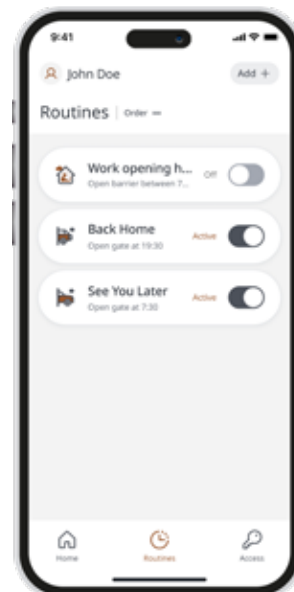
Your favourites, one tap away

Dedicated commands and customizable favourite positions let users manage every automation with ease



Be in full control

Create home routines and device-specific accesses for a fully automated experience



Tubular motors

Motorized roller shutters



Motorized roller blinds



Motorized roller doors



Motorized awnings



Motorized drop curtains



Motorized aluminium Venetian blinds



Adjustable slat roller shutters



Motorized louvers

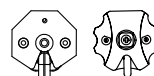




Choice guide

Ø35 tubular motors

Mechanical limit switch

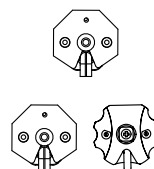


TM Veo 35 S
TM Veo 35

p. 18

Electronic limit switch

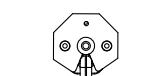
with built-in radio receiver



TM Veo 35 FE S

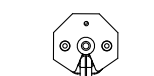
p. 19

with built-in radio receiver
and Wi-Fi



TM Veo 35 RFE S
TM Veo 35 RFE

p. 20



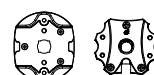
TM Veo 35 RFEW S

p. 21

Ø45 tubular motors

Mechanical limit switch

with manual override



TM Lex 45 S
TM Lex 45

p. 28

with built-in radio receiver
and manual override



TM Lex 45 H S

p. 29

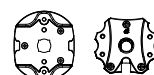
with built-in radio receiver



TM Lex 45 HRM S

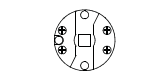
p. 30

with built-in radio receiver
and solar battery powered



TM Lex 45 RM S
TM Lex 45 RM

p. 31

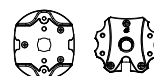


TM Lex 45 SRP S

p. 32

Electronic limit switch

with built-in radio receiver



TM Lex 45 RFE S
TM Lex 45 RFE

p. 34

with built-in radio receiver
for drop curtains



TM Lex 45 RFET S

p. 35

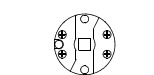
with built-in radio receiver
for adjustable slat roller
shutters



TM Lex 45 RFO S
TM Lex 45 RFO

p. 36

with obstacle detection



TM Lex 45 OD S

p. 37

with built-in radio receiver
and obstacle detection



TM Lex 45 ROD S

p. 38

with built-in radio receiver
and Wi-Fi



TM Lex 45 RFEW S

p. 39

with built-in radio receiver,
obstacle detection and Wi-Fi



TM Lex 45 RODW S

p. 40

Ø59 tubular motors

Mechanical limit switch			TM Roll 59 S	p. 49
	with manual override		TM Roll 59 H S	p. 50
	with built-in radio receiver		TM Roll 59 RM S	p. 51
Electronic limit switch	with built-in radio receiver		TM Roll 59 RFE S	p. 52
	with built-in radio receiver for adjustable slat roller shutters		TM Roll 59 RFO S	p. 53

Ø92 tubular motors

Mechanical limit switch	and manual override		TM Bigroll 92 H S	p. 59
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Venetian blinds motors

Aluminium Venetian blinds			VM 55	p. 61
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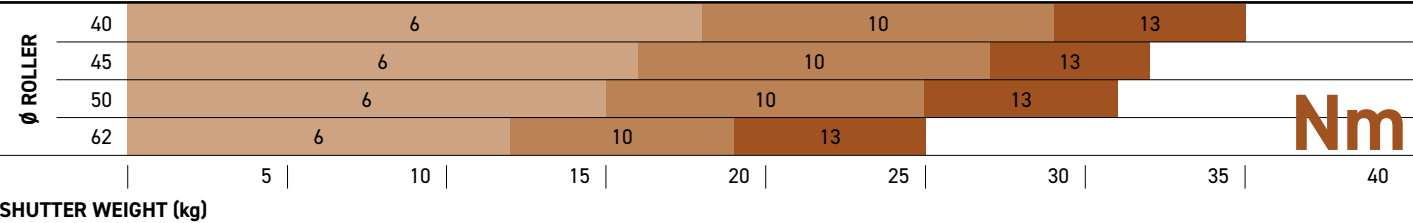
Motorized louvers			VM 66	p. 62
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Transmitters, control units and accessories				p. 64
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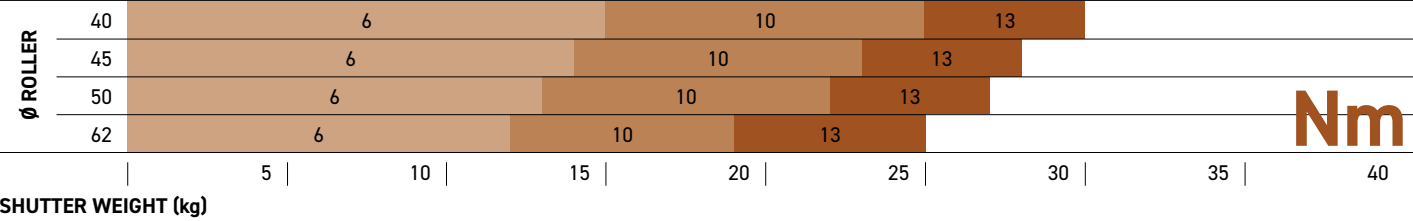
Motor selection guide

Ø35 mm tubular motors for roller shutters.
Roller shutters with louver-board max 40 mm high and 9 mm thick.

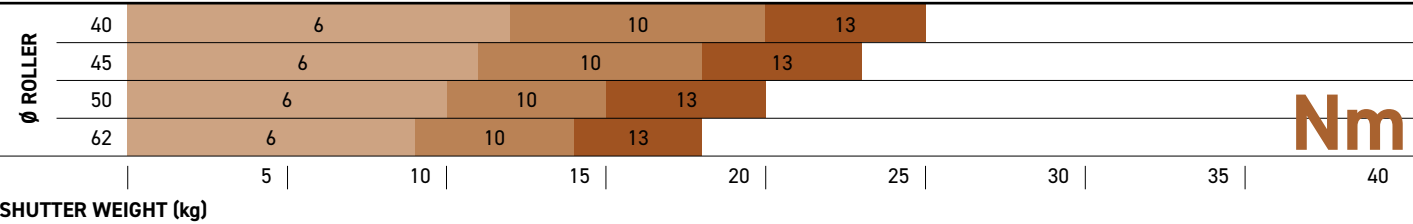
Height of the shutter up to 1.5 m



Height of the shutter from 1.5 to 2.5 m



Height of the shutter from 2.5 to 3.5 m



Note. The values in the table can even double depending on the thickness of the material used. Moreover, the presence of strong frictions can impact the actual weight that the motor will have to lift.

Vertical awnings or mosquito nets. In order to automate vertical awnings or mosquito nets it is necessary to take into account only the weight of the bar used to keep the screen stretched.

Available Ø35 motor configurations

Ø35 mm

Mechanical limit switch	TM VEO 35-6-28	TM VEO 35-10-17	TM VEO 35-13-14
Electronic limit switch	TM VEO 35-6-28 FE	TM VEO 35-10-17 FE	-
Electronic limit switch, encoder and built-in radio receiver	TM VEO 35-6-28 RFE	TM VEO 35-10-17 RFE	-
Electronic limit switch, built-in radio receiver and Wi-Fi	TM VEO 35-6 28 RFEW	TM VEO 35-10-17 RFEW	-

Standard accessories included

The table shows the standard accessories supplied with each tubular motor model.

Ø35 mm

Model	Code	Square adapter	Pulley	Crown	Wall bracket	Eyelet
TM VEO 35-6-28 S	27Y001	16Y028	--	--	--	--
TM VEO 35-10-17 S	27Y002	16Y028	--	--	--	--
TM VEO 35-13-14 S	27Y003	16Y028	--	--	--	--
TM VEO 35-6-28	27V001	163488	--	--	--	--
TM VEO 35-10-17	27V002	163488	--	--	--	--
TM VEO 35-13-14	27V003	163488	--	--	--	--
TM VEO 35-6-28 FE S	27Y049	16Y028	--	--	--	--
TM VEO 35-10-17 FE S	27Y050	16Y028	--	--	--	--
TM VEO 35-6-28 RFE S	27Y005	16Y028	--	--	--	--
TM VEO 35-10-17 RFE S	27Y006	16Y028	--	--	--	--
TM VEO 35-6-28 RFEW S	27Y066	16Y028	--	--	--	--
TM VEO 35-10-17 RFEW S	27Y067	16Y028	--	--	--	--

TM Veo Ø35

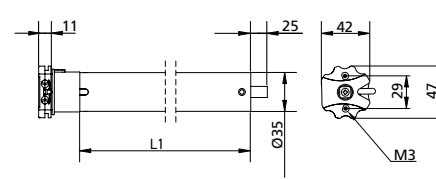
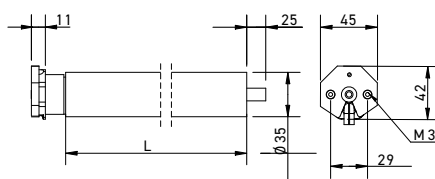
Tubular motor Ø35 mm with mechanical limit switch
Available in two versions: standard head and V2 head



- Powerful and silent motor: high performance with maximum quietness (up to 13 Nm)
- Compact design: ideal for any application, even in the smallest of spaces
- Ideal for roller blinds and roller shutters
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø38 mm

Accessories included

- Square adapter 10×10 for tube Ø35 mm



Models



Standard head

	TM VE0 35-6-28 S	TM VE0 35-10-17 S	TM VE0 35-13-14 S
Code	27Y001	27Y002	27Y003
Length L (mm)	410	410	410



V2 head

	TM VE0 35-6-28	TM VE0 35-10-17	TM VE0 35-13-14
Code	27V001	27V002	27V003
Length L1 (mm)	410	410	410

Product data

Maximum load (kg) - Value calculated with roller Ø40 mm	15	25	30
Speed (rpm)	28	17	14
Torque (Nm)	6	10	13
Supply (Vac - Hz)	230-50	230-50	230-50
Maximum electric power (W)	121	121	121
Rated current (A)	0.53	0.53	0.53
Cable length (m)	2.5	2.5	2.5
Degree of protection (IP)	44	44	44

Cables



Accessories



CX PRG2

Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX CU1 434

Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4

External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI

Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

Control units to be used

TM Veo Ø35 FE

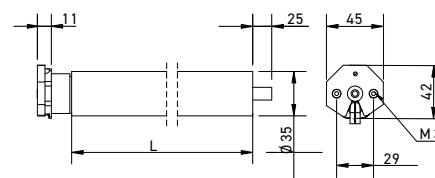
Tubular motor Ø35 mm with electronic limit switch

- Powerful and silent motor: high performance with maximum quietness (up to 10 Nm)
- Ideal for roller blinds and roller shutters
- Smart limit switch adjustment: simple and precise with the dedicated device (code 16Y027)
- Suitable for winding tubes from Ø38 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 10×10 for tube Ø35 mm



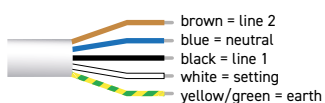
Models

	TM VEO 35-6-28 FE S	TM VEO 35-10-17 FE S
Code	27Y049	27Y050
Length L (mm)	410	410

Product data

Maximum load (kg) - Value calculated with roller Ø40 mm	15	25
Speed (rpm)	28	17
Torque (Nm)	6	10
Supply (Vac - Hz)	230-50	230-50
Maximum electric power (W)	121	121
Rated current (A)	0.53	0.53
Cable length (m)	2.5	2.5
Degree of protection (IP)	44	44

Cables



Accessories



AX TM-001

Tool test for electronic motors

Code 16Y027

TM Veo Ø35 RFE

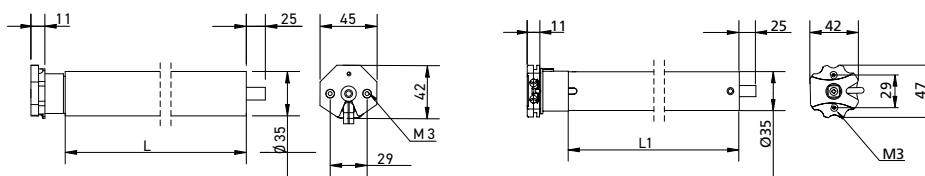
Tubular motor Ø35 mm with electronic limit switch, encoder and built-in radio receiver.
Available in two versions: standard head and V2 head

- Powerful and silent motor: high performance with maximum quietness (up to 10 Nm)
- Ideal for roller blinds and roller shutters
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Suitable for winding tubes from Ø38 mm



Accessories included

- Square adapter 10×10 for tube Ø35 mm



Models



Standard head

	TM VEO 35-6-28 RFE S	TM VEO 35-10-17 RFE S
Code	27Y005	27Y006
Length L (mm)	530	530



V2 head

	TM VEO 35-6-28 RFE	TM VEO 35-10-17 RFE
Code	27V005	27V006
Length L1 (mm)	530	530

Product data

Maximum load (kg) - Value calculated with roller Ø40 mm	15	25
Speed (rpm)	28	17
Torque (Nm)	6	10
Supply (Vac - Hz)	230-50	230-50
Maximum electric power (W)	144	144
Rated current (A)	0.63	0.63
Cable length (m)	2.5	2.5
Degree of protection (IP)	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered
Code 12Y701

TM Veo Ø35 RFEW

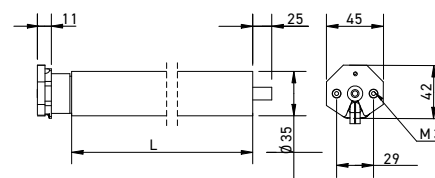
Tubular motor Ø35 mm with electronic limit switch, built-in radio receiver and Wi-Fi

- Integrated radio receiver: delivers maximum power and reliability for superior control
- Integrated Wi-Fi receiver: for quick and easy installation, without additional gateways
- Powerful and silent motor: high performance with maximum quietness (up to 6 Nm)
- Ideal for roller blinds and roller shutters
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability
- Secure working frequency: 434.15 MHz and Wi-Fi connectivity for reliable and versatile control
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Suitable for winding tubes from Ø38 mm



Accessories included

- Square adapter 10×10 for tube Ø35 mm



Models

	TM VEO 35-6-28 RFEW S	TM VEO 35-10-17 RFEW S
Code	27Y066	27Y067
Length L (mm)	530	530

Product data

Maximum load (kg) - Value calculated with roller Ø40 mm	15	25
Speed (rpm)	28	17
Torque (Nm)	6	10
Supply (Vac - Hz)	230-50	230-50
Maximum electric power (W)	144	144
Rated current (A)	0.63	0.63
Cable length (m)	2.5	2.5
Degree of protection (IP)	44	44

Cables



brown = line 2
blue = neutral
black = line 1
white = setting
yellow/green = earth

Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



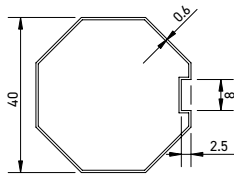
CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

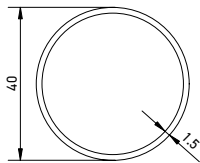
Code 12Y701

TUBE

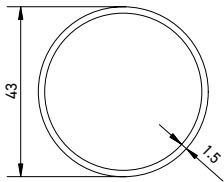
Octagonal $\varnothing 40 \times 0.6$



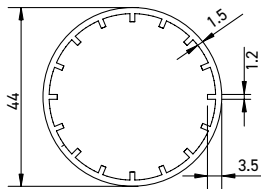
Round $\varnothing 40 \times 1.5$



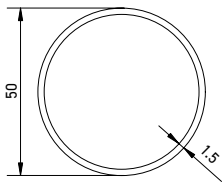
Round $\varnothing 43 \times 1.5$



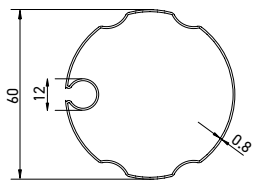
Round $\varnothing 44$



Round $\varnothing 50 \times 1.5$

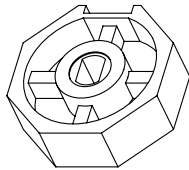


Corrugated notch $\varnothing 60$

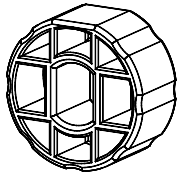


PULLEY (Plastic)

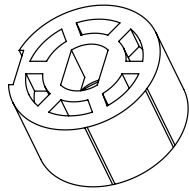
AX TM 35-001
COD. 162710
Plastic



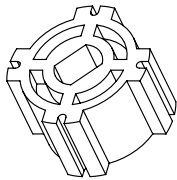
AX TM 35-002
COD. 163510
Plastic



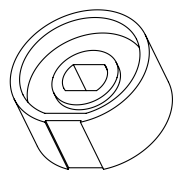
AX TM 35-003
COD. 162712
Plastic



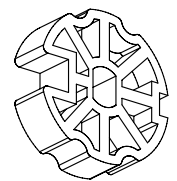
AX TM 35-004
COD. 162713
Plastic



AX TM 35-005
COD. 162757
Plastic

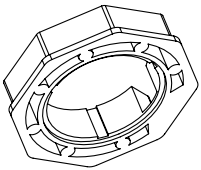


AX TM 35-006
COD. 162782
Plastic

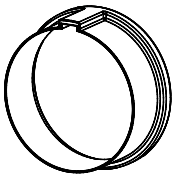


CROWN (Plastic)

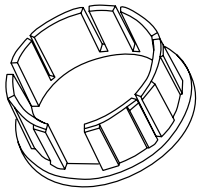
AX TM 35-007
COD. 162711
Plastic



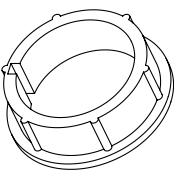
AX TM 35-008
COD. 163511
Plastic



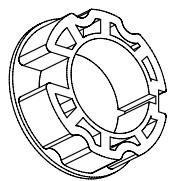
AX TM 35-009
COD. 163423
Plastic

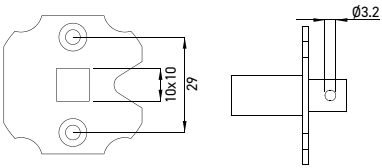
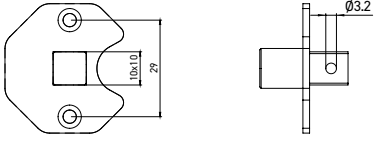
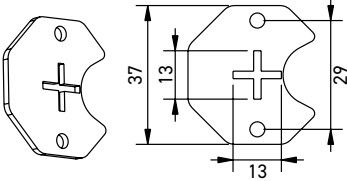
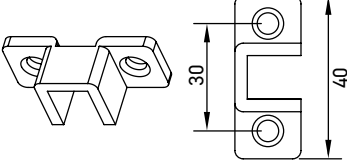
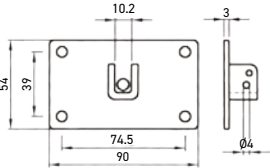
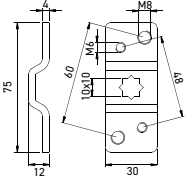
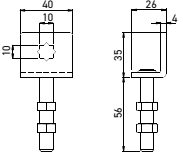
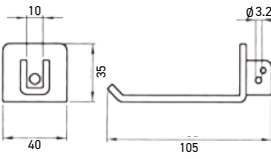
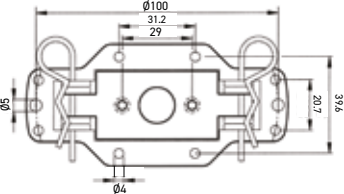


AX TM 35-010
COD. 162709
Plastic



AX TM 35-011
COD. 162783
Plastic

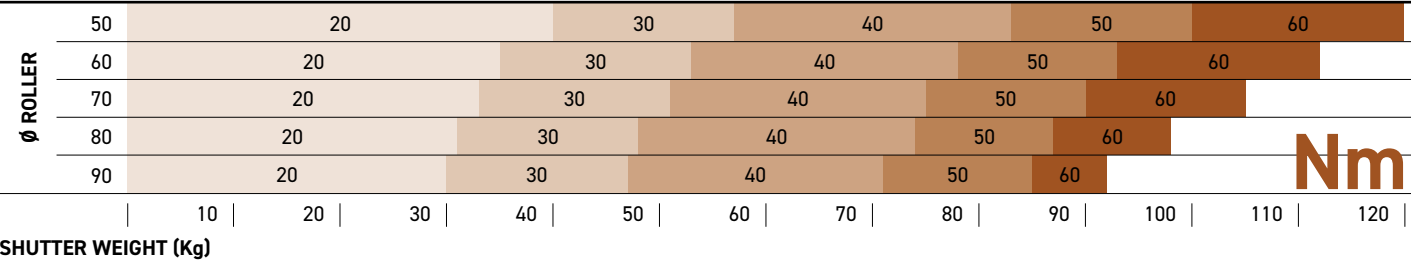


ACCESSORIES (Metal)	DESCRIPTION	MODEL
	Adapter for wall brackets	AX TM 35-012 COD. 163488
	Adapter for wall brackets	AX TM 35-020 COD. 16Y028
	Adapter for screen curtains (max. 10Nm)	AX TM 35-013 COD. 163412
	Wall bracket 10x10 mm (max. 10 Nm)	AX TM 35-014 COD. 162729
	Wall bracket	AX TM 35-015 COD. 162764
	Wall bracket	AX TM 35-016 COD. 163509
	Bracket with vertical adjustment	AX TM 35-017 COD. 162733
	Wall bracket	AX TM 35-018 COD. 163477
	Box bracket	AX TM 35-019 COD. 163490

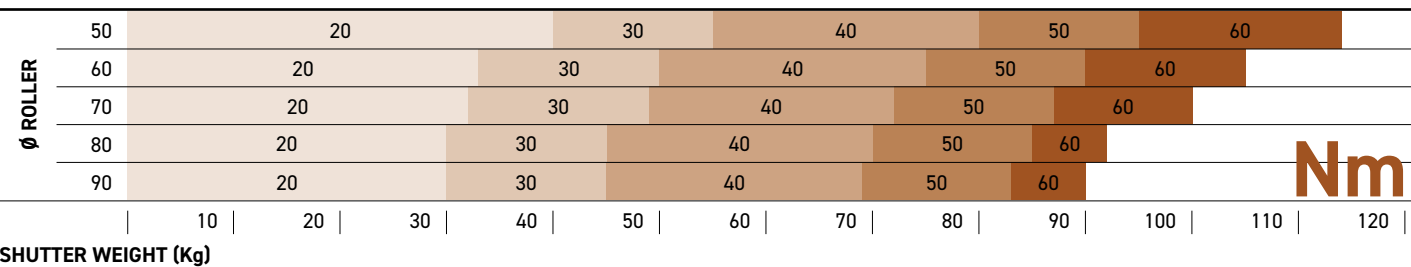
Selection guide

Ø45 mm tubular motors for roller shutters
Roller shutters with louver-board max 55 mm high and 14 mm thick

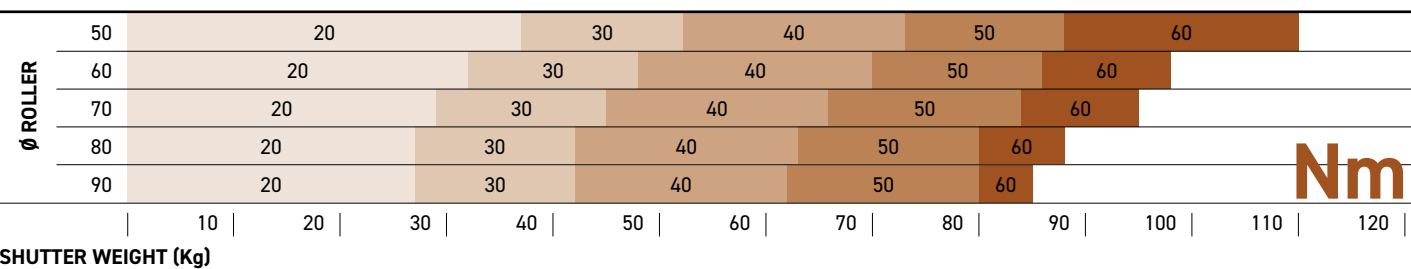
Height of the shutter up to 1.5 m



Height of the shutter from 1.5 to 2.5 m



Height of the shutter from 2.5 to 3.5 m



Available Ø45 mm motor configurations

Ø45 mm

Mechanical limit switch	Basic model	TM LEX 45-20-15	TM LEX 45-30-15	TM LEX 45-40-15	TM LEX 45-50-12	TM LEX 45-60-8
	Built-in radio receiver	TM LEX 45-20-15 RM	TM LEX 45-30-15 RM	TM LEX 45-40-15 RM	TM LEX 45-50-12 RM	-
	Manual override	TM LEX 45-20-15 H	TM LEX 45-30-15 H	TM LEX 45-40-15 H	TM LEX 45-50-12 H	TM LEX 45-60-8 H
	Manual override and radio receiver	-	TM LEX 45-30-15 HRM	TM LEX 45-40-15 HRM	TM LEX 45-50-12 HRM	-
	Battery solar powered	TM LEX 45-20-12 SRP	-	-	TM LEX 45-50-12 SRP	-
Electronic limit switch	Built-in radio receiver	TM LEX 45-20-15 RFE	TM LEX 45-30-15 RFE	TM LEX 45-40-15 RFE	TM LEX 45-50-12 RFE	-
	Built-in radio receiver for drop curtains	-	-	-	TM LEX 45-50-12 RFET	-
	Built-in radio receiver for adjustable slat roller shutters	-	-	-	TM LEX 45-50-12 RFO	-
	Obstacle detection	TM LEX 45-20-15 OD	TM LEX 45-30-15 OD	TM LEX 45-40-15 OD	TM LEX 45-50-12 OD	-
	Built-in radio receiver and obstacle detection	TM LEX 45-20-15 ROD	TM LEX 45-30-15 ROD	TM LEX 45-40-15 ROD	TM LEX 45-50-12 ROD	-
	Built-in radio receiver and Wi-Fi	TM LEX 45-20-15 RFEW	TM LEX 45-30-15 RFEW	TM LEX 45-40-15 RFEW	TM LEX 45-50-12 RFEW	-
	Built-in radio receiver, obstacle detection and Wi-Fi	TM LEX 45-20-15 RODW	TM LEX 45-30-15 RODW	TM LEX 45-40-15 RODW	TM LEX 45-50-12 RODW	-

Standard accessories included

The table shows the standard accessories supplied with each tubular motor model.

Ø45 mm

Model	Code	Square adapter	Pulley	Crown	Wall bracket	Eyelet
TM LEX 45-20-15 S	27Y007	163471	162801	162802	163509	--
TM LEX 45-30-15 S	27Y008	163471	162801	162802	163509	--
TM LEX 45-40-15 S	27Y009	163470	162801	162802	163509	--
TM LEX 45-50-12 S	27Y010	163470	162801	162802	162829	--
TM LEX 45-60-8 S	27Y011	163512	162801	162802	162829	--
TM LEX 45-20-15	27V007	163417	162801	162802	163509	--
TM LEX 45-30-15	27V008	163417	162801	162802	163509	--
TM LEX 45-40-15	27V009	163417	162801	162802	163509	--
TM LEX 45-50-12	27V010	163417	162801	162802	162829	--
TM LEX 45-60-8	27V011	163512	162801	162802	162829	--
TM LEX 45-20-15 H S	27Y012	163472	162801	162802	163509	162825
TM LEX 45-30-15 H S	27Y013	163472	162801	162802	163509	162825
TM LEX 45-40-15 H S	27Y014	163472	162801	162802	163509	162825
TM LEX 45-50-12 H S	27Y015	163472	162801	162802	162829	162825
TM LEX 45-60-8 H S	27Y016	163472	162801	162802	162829	162825
TM LEX 45-30-15 HRM S	27Y025	163472	162801	162802	163509	162825
TM LEX 45-40-15 HRM S	27Y026	163472	162801	162802	163509	162825
TM LEX 45-50-12 HRM S	27Y027	163472	162801	162802	162829	162825
TM LEX 45-20-15 RM S	27Y017	163471	162801	162802	163509	--
TM LEX 45-30-15 RM S	27Y018	163471	162801	162802	163509	--
TM LEX 45-40-15 RM S	27Y019	163470	162801	162802	163509	--
TM LEX 45-50-12 RM S	27Y020	163470	162801	162802	162829	--
TM LEX 45-20-15 RM	27V017	163417	163401	162802	162847	--
TM LEX 45-30-15 RM	27V018	163417	163401	162802	162847	--
TM LEX 45-40-15 RM	27V019	163417	163401	162802	162847	--
TM LEX 45-50-12 RM	27V020	163417	163401	162802	162847	--

Ø45 mm

Model	Code	Square adapter	Pulley	Crown	Wall bracket	Eyelet
TM LEX 45-20-12 SRP S	27Y028	163512	162801	162802	163509	--
TM LEX 45-50-12 SRP S	27Y029	163512	162801	162802	162829	--
TM LEX 45-20-15 RFE S	27Y021	163471	162801	162802	163509	--
TM LEX 45-30-15 RFE S	27Y022	163471	162801	162802	163509	--
TM LEX 45-40-15 RFE S	27Y023	163470	162801	162802	163509	--
TM LEX 45-50-12 RFE S	27Y024	163470	162801	162802	162829	--
TM LEX 45-20-15 RFE	27V021	163417	162801	162802	163509	--
TM LEX 45-30-15 RFE	27V022	163417	162801	162802	163509	--
TM LEX 45-40-15 RFE	27V023	163417	162801	162802	163509	--
TM LEX 45-50-12 RFE	27V024	163417	162801	162802	162829	--
TM LEX 45-50-12 RFET S	27Y060	163470	162801	162802	162829	--
TM LEX 45-50-12 RFO S	27Y051	163470	163401	163402	162829	--
TM LEX 45-50-12 RFO	27V051	163417	163401	163402	162829	--
TM LEX 45-20-15 OD S	27Y070	163512	163401	162802	163509	--
TM LEX 45-30-15 OD S	27Y071	163512	163401	162802	163509	--
TM LEX 45-40-15 OD S	27Y072	163512	163401	162802	163509	--
TM LEX 45-50-12 OD S	27Y073	163512	163401	162802	162829	--
TM LEX 45-20-15 ROD S	27Y043	163471	162801	162802	163509	--
TM LEX 45-30-15 ROD S	27Y044	163471	162801	162802	163509	--
TM LEX 45-40-15 ROD S	27Y045	163470	162801	162802	163509	--
TM LEX 45-50-12 ROD S	27Y046	163470	162801	162802	162829	--
TM LEX 45-20-15 RFEW S	27Y052	163471	162801	162802	163509	--
TM LEX 45-30-15 RFEW S	27Y053	163471	162801	162802	163509	--
TM LEX 45-40-15 RFEW S	27Y054	163470	162801	162802	163509	--
TM LEX 45-50-12 RFEW S	27Y055	163470	162801	162802	162829	--
TM LEX 45-20-15 RODW S	27Y056	163471	162801	162802	163509	--
TM LEX 45-30-15 RODW S	27Y057	163471	162801	162802	163509	--
TM LEX 45-40-15 RODW S	27Y058	163470	162801	162802	163509	--
TM LEX 45-50-12 RODW S	27Y059	163470	162801	162802	162829	--

TM Lex Ø45

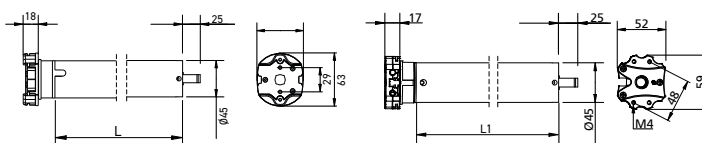
Tubular motor Ø45 mm with mechanical limit switch.
Available in two versions: standard head and V2 head

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Compact design: ideal for any application, even in the smallest of spaces
- Ideal for roller shutters and awnings
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø50 mm



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models



Standard head

	TM LEX 45-20-15 S	TM LEX 45-30-15 S	TM LEX 45-40-15 S	TM LEX 45-50-12 S	TM LEX 45-60-8 S
Code	27Y007	27Y008	27Y009	27Y010	27Y011
Length L (mm)	410	480	480	480	500



V2 head

	TM LEX 45-20-15	TM LEX 45-30-15	TM LEX 45-40-15	TM LEX 45-50-12	TM LEX 45-60-8
Code	27V007	27V008	27V009	27V010	27V011
Length L1 (mm)	410	440	460	460	480

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95	114
Speed (rpm)	15	15	15	12	8
Torque (Nm)	20	30	40	50	60
Supply (Vac - Hz)	230-50	230-50	230-50	230-50	230-50
Maximum electric power (W)	145	191	198	205	208
Rated current (A)	0.64	0.83	0.86	0.89	0.92
Cable length (m)	2.5	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44	44

Cables



Accessories



CX PRG2
Expansion board
for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature
transmitter mains
powered
Code 12Y701



**TRANSMITTERS
AND ACCESSORIES**
The full range of accessories
specific for tubular motors
can be found at p. 64



CX CU1 434
Miniaturized external
control unit for the
automation of awnings or
roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for
the automation of awnings or
roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI
Wi-Fi miniature receiver
for controlling a single-
phase asynchronous motor
Code 12Y709

TM Lex Ø45 H

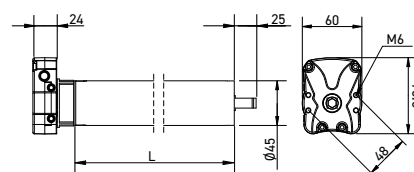
Tubular motor Ø45 mm with mechanical limit switch and manual override

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
- Ideal for roller shutters and awnings
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø50 mm



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket
- Eyelet



Models

	TM LEX 45-20-15 H S	TM LEX 45-30-15 H S	TM LEX 45-40-15 H S	TM LEX 45-50-12 H S	TM LEX 45-60-8 H S
Code	27Y012	27Y013	27Y014	27Y015	27Y016
Length L (mm)	520	550	550	550	550

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95	114
Speed (rpm)	15	15	15	12	8
Torque (Nm)	20	30	40	50	60
Supply (Vac - Hz)	230-50	230-50	230-50	230-50	230-50
Maximum electric power (W)	145	191	198	205	208
Rated current (A)	0.64	0.83	0.86	0.89	0.92
Cable length (m)	2.5	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44	44

Cables



Accessories



CX PRG2
Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES
The full range of accessories specific for tubular motors can be found at p. 64

Control units to be used



CX CU1 434
Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

TM Lex Ø45 HRM

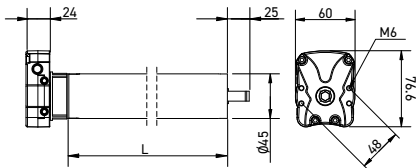
Tubular motor Ø45 mm with mechanical limit switch, built-in radio receiver (434.15 MHz) and manual override

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
 - Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
 - Ideal for roller shutters and awnings
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
 - Suitable for winding tubes from Ø50 mm
 - Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket
- Eyelet



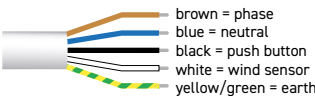
Models

	TM LEX 45-30-15 HRM S	TM LEX 45-40-15 HRM S	TM LEX 45-50-12 HRM S
Code	27Y025	27Y026	27Y027
Length L (mm)	710	710	710

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	55	80	95
Speed (rpm)	15	15	12
Torque (Nm)	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50
Maximum electric power (W)	191	198	205
Rated current (A)	0.83	0.86	0.89
Cable length (m)	2.5	2.5	2.5
Degree of protection (IP)	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Lex Ø45 RM

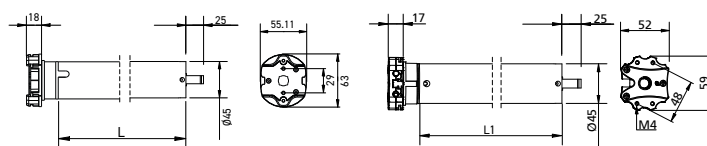
Tubular motor Ø45 mm with mechanical limit switch and built-in radio receiver. Available in two versions: standard head and V2 head

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
- Ideal for roller shutters and awnings
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø50 mm
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models



Standard head

	TM LEX 45-20-15 RM S	TM LEX 45-30-15 RM S	TM LEX 45-40-15 RM S	TM LEX 45-50-12 RM S
Code	27Y017	27Y018	27Y019	27Y020
Length L (mm)	550	580	580	580



V2 head

	TM LEX 45-20-15 RM	TM LEX 45-30-15 RM	TM LEX 45-40-15 RM	TM LEX 45-50-12 RM
Code	27V017	27V018	27V019	27V020
Length L1 (mm)	620	620	620	620

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	145	191	198	205
Rated current (A)	0.64	0.83	0.86	0.89
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Lex Ø45 SRP

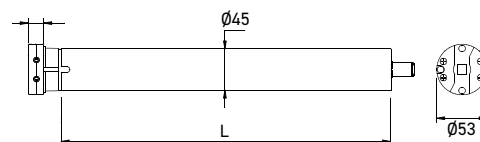
Tubular motor Ø45 mm with mechanical limit switch.
12V solar battery powered

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
- Ideal for roller shutters and awnings
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø50 mm
- Also available in version with built-in battery and radio receiver (Code 27Y074)



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models

	TM LEX 45-20-12 SRP S	TM LEX 45-50-12 SRP S
Code	27Y028	27Y029
Length L (mm)	500	500

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	100
Speed (rpm)	12	12
Torque (Nm)	20	50
Supply (Vac - Hz)	12	12
Maximum electric power (W)	45	72
Rated current (A)	3.8	6
Cable length (m)	1	1
Degree of protection (IP)	44	44

NOTE: SRP models are compatible with AX SYROCO-RS and AX HURRICANE-RS sensors.
These models do not require the installation of an external pushbutton panel.

Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories
specific for tubular motors
can be found at p. 64



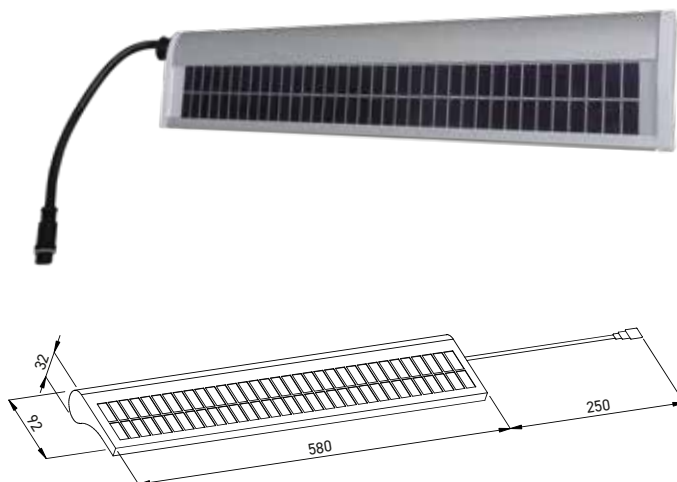
CX-DEV-T1 434

434.15 Built-in miniature
transmitter mains
powered
Code 12Y701

TM SPBPR

Solar panel with battery and integrated radio receiver

- Ideal for external motorization
- Available single solar panel (AX TM SP-001)
- Battery with built-in receiver (Code 16Y019)
- Available external charger for the battery



Models

	AX TM-SPBPR-001	AX TM-SP-001	AX TM-BPR-001
Code	163459	16Y021	16Y019
For DC motors up to (Nm)	50	50	50
Rated voltage (Vdc)	12	12	12
Maximum current (A)	12	12	12
Frequency (MHz)	434,15	-	434,15
Protection (IP)	55	55	55
Solar panel (W - V)	5 - 18	5 - 18	-
Lithium battery (Ah - V)	5.1 - 12	-	5.1 - 12
Operating temperature (°C)	-20 / +55	-20 / +55	-15 / +55
Dimensions (mm)	580×92×32	580×92×32	595×35×35

TM Lex Ø45 RFE

Tubular motor Ø45 mm with electronic limit switch, encoder and built-in radio receiver.

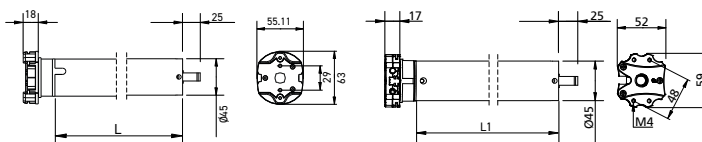
Available in two versions: standard head and V2 head

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for roller shutters and awnings
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Suitable for winding tubes from Ø50 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability
- Sicur block compatible
- Reliable stall detection



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models



Standard head

	TM LEX 45-20-15 RFE S	TM LEX 45-30-15 RFE S	TM LEX 45-40-15 RFE S	TM LEX 45-50-12 RFE S
Code	27Y021	27Y022	27Y023	27Y024
Length L (mm)	550	600	600	600



V2 head

	TM LEX 45-20-15 RFE	TM LEX 45-30-15 RFE	TM LEX 45-40-15 RFE	TM LEX 45-50-12 RFE
Code	27V021	27V022	27V023	27V024
Length L1 (mm)	550	600	600	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	161	200	228	228
Rated current (A)	0.69	0.87	0.99	0.99
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Lex Ø45 RFET

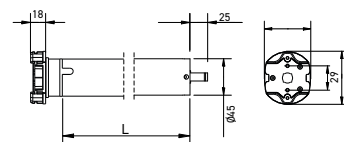
Tubular curtain motor Ø45 mm with electronic limit switch and built-in radio receiver for drop curtains

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for drop curtains
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
- Electronic limit switch: combines practicality and precision with remote control functionality
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Suitable for winding tubes from Ø50 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models

	TM LEX 45-50-12 RFET S
Code	27Y060
Length L (mm)	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	95
Speed (rpm)	12
Torque (Nm)	50
Supply (Vac - Hz)	230-50
Maximum electric power (W)	228
Rated current (A)	0.99
Cable length (m)	2.5
Degree of protection (IP)	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Lex Ø45 RFO

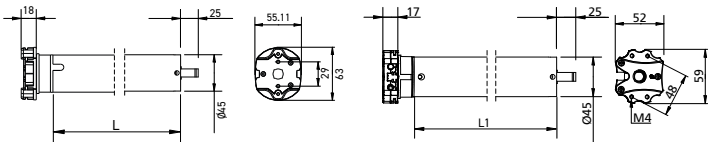
Tubular motor Ø45 mm with electronic limit switch and built-in radio receiver for adjustable slat roller shutters. Available in two versions: standard head and V2 head

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
 - Ideal for adjustable slat roller shutters
 - Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
 - Electronic limit switch: combines practicality and precision with remote control functionality
 - Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
 - Suitable for winding tubes from Ø50 mm
 - Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



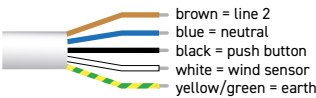
Models

	Standard head	TM LEX 45-50-12 RFO S
Code		27Y051
Length L (mm)		660
	V2 head	TM LEX 45-50-12 RFO
Code		27V051
Length L1 (mm)		660

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	95
Speed (rpm)	12
Torque (Nm)	50
Supply (Vac - Hz)	230-50
Maximum electric power (W)	228
Rated current (A)	0.89
Cable length (m)	2.5
Degree of protection (IP)	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered
Code 12Y701

TM Lex Ø45 OD

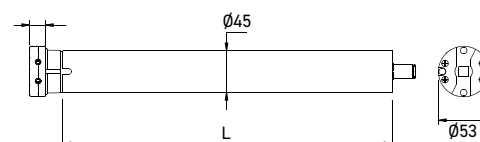
Tubular motor Ø45 mm with electronic limit switch with obstacle detection

- Obstacle detection: automatic motor stop when an obstacle is encountered, ensuring system protection
- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for roller shutters and awnings
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Automatic, semi-automatic and manual limit switch learning
- Suitable for winding tubes from Ø50 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability in obstacle detection



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models

	TM LEX 45-20-15 OD S	TM LEX 45-30-15 OD S	TM LEX 45-40-15 OD S	TM LEX 45-50-12 OD S
Code	27Y070	27Y071	27Y072	27Y073
Length L (mm)	550	600	600	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	161	200	218	228
Rated current (A)	0.69	0.87	0.95	0.89
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered
Code 12Y701



AX TM-001

Tool test for electronic motors
Code 16Y027

TM Lex Ø45 ROD

Tubular motor Ø45 mm with electronic limit switch, built-in radio receiver and obstacle detection

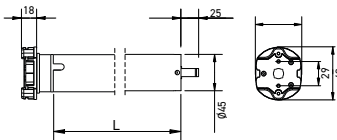
- Obstacle detection: automatic motor stop when an obstacle is encountered, ensuring system protection
 - Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
 - Ideal for roller shutters
 - Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
 - Electronic limit switch: combines practicality and precision with remote control functionality
 - Intermediate position setting: allows
- you to choose the ideal position, offering full control over light and privacy

 - Integrated radio receiver: delivers maximum power and reliability for superior control
 - Suitable for winding tubes from Ø50 mm
 - Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability in obstacle detection



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models

	TM LEX 45-20-15 ROD S	TM LEX 45-30-15 ROD S	TM LEX 45-40-15 ROD S	TM LEX 45-50-12 ROD S
Code	27Y043	27Y044	27Y045	27Y046
Length L (mm)	550	600	600	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	161	200	228	228
Rated current (A)	0.69	0.87	0.99	0.89
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered
Code 12Y701

TM Lex Ø45 RFEW

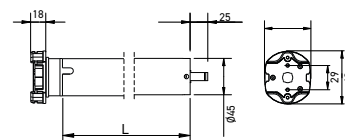
Tubular motor Ø45 mm with electronic limit switch, built-in radio receiver and Wi-Fi

- Integrated Wi-Fi receiver: for quick and easy installation, without additional gateways
- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for roller blinds, roller shutters and awnings
- Secure working frequency: 434.15 MHz and Wi-Fi connectivity for reliable and versatile control
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Suitable for winding tubes from Ø50 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



Models

	TM LEX 45-20-15 RFEW S	TM LEX 45-30-15 RFEW S	TM LEX 45-40-15 RFEW S	TM LEX 45-50-12 RFEW S
Code	27Y052	27Y053	27Y054	27Y055
Length L (mm)	550	600	600	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	161	200	228	228
Rated current (A)	0.69	0.87	0.99	0.99
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Lex Ø45 RODW

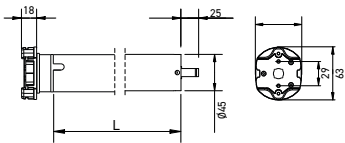
Tubular motor Ø45 mm with electronic limit switch, built-in radio receiver, Wi-Fi and obstacle detection

- Integrated Wi-Fi receiver: for quick and easy installation, without additional gateways
- Obstacle detection: automatic motor stop when an obstacle is encountered, ensuring system protection
- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for roller shutters
- Secure working frequency: 434.15 MHz and Wi-Fi connectivity for reliable and versatile control
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Suitable for winding tubes from Ø50 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 10×10
- Pulley and crown for octagonal tube Ø60 mm
- Wall bracket



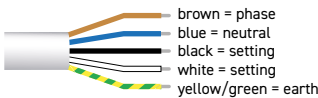
Models

	TM LEX 45-20-15 RODW S	TM LEX 45-30-15 RODW S	TM LEX 45-40-15 RODW S	TM LEX 45-50-12 RODW S
Code	27Y056	27Y057	27Y058	27Y059
Length L (mm)	550	600	600	600

Product data

Maximum load (kg) - Value calculated with roller Ø50 mm	40	55	80	95
Speed (rpm)	15	15	15	12
Torque (Nm)	20	30	40	50
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	161	200	228	228
Rated current (A)	0.69	0.87	0.99	0.89
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64

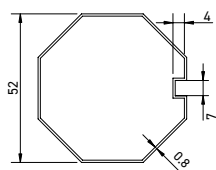


CX-DEV-T1 434

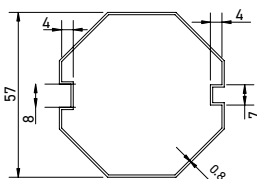
434.15 Built-in miniature transmitter mains powered
Code 12Y701

TUBE

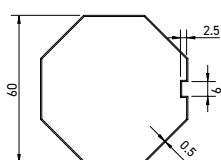
Octagonal Ø52



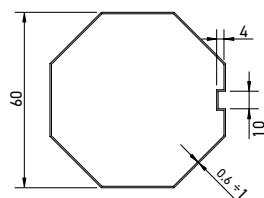
Octagonal Ø57



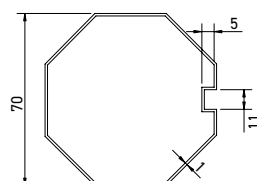
Octagonal Ø60×0.5



Octagonal Ø60

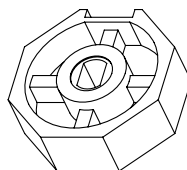


Octagonal Ø70

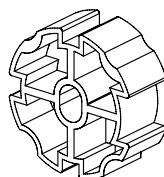


PULLEY

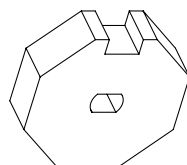
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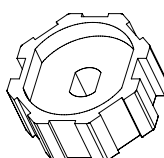
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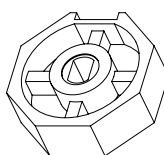
AX TM 45-003
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AX TM 45-004
COD. 162801
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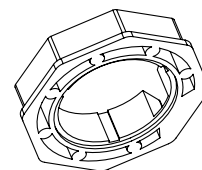


AX TM 45-005
COD. 162718
Metal

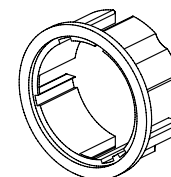


CROWN

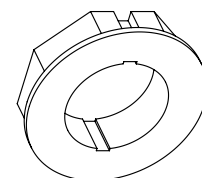
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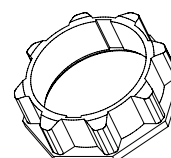
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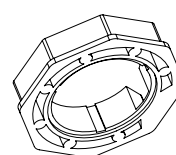
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AX TM 45-022
COD. 162802
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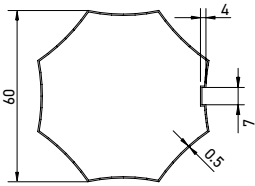


AX TM 45-023
COD. 162719
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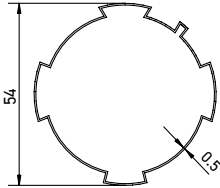


TUBE

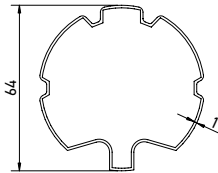
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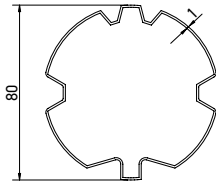
ZF54



ZF64

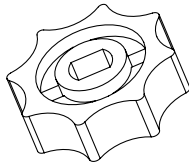


ZF80

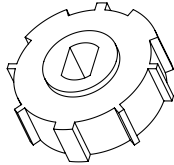


PULLEY

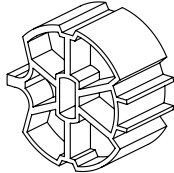
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COD. 162716
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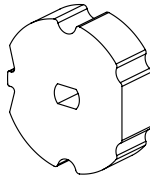
AX TM 45-007
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AX TM 45-008
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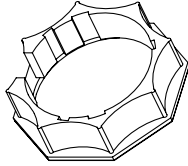


AX TM 45-009
COD. 162898
Plastic

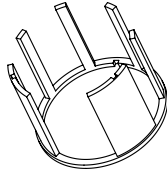


CROWN

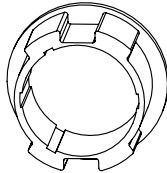
AX TM 45-024
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Plastic



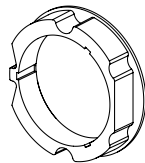
AX TM 45-025
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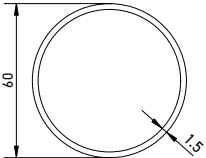
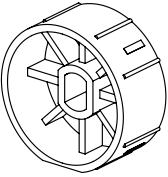
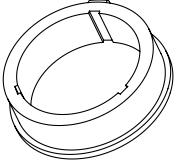
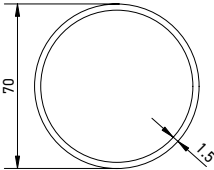
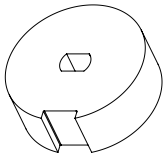
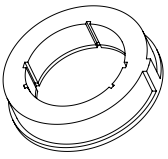
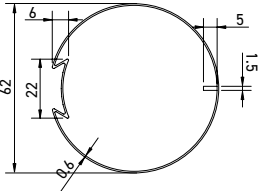
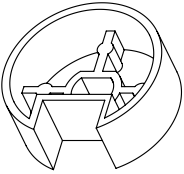
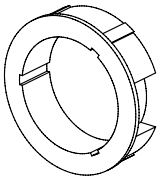
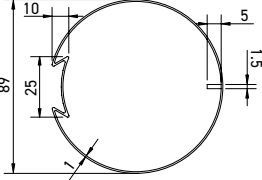
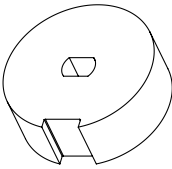
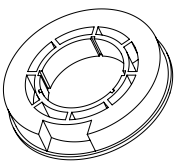
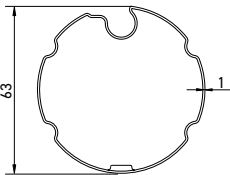
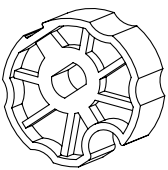
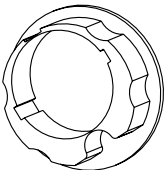


AX TM 45-026
COD. 162891
Plastic



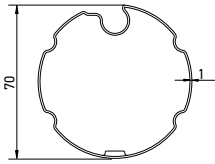
AX TM 45-027
COD. 162899
Plastic



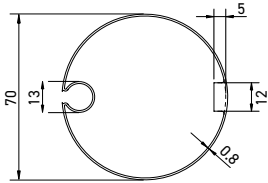
TUBE	PULLEY	CROWN
Round $\varnothing 60 \times 1.5$ 	AX TM 45-010 COD. 162762 Plastic 	AX TM 45-028 COD. 162763 Plastic 
Round $\varnothing 70 \times 1.5$ 	AX TM 45-011 COD. 162798 Plastic 	AX TM 45-029 COD. 162799 Plastic 
Deprat $\varnothing 62$ 	AX TM 45-012 COD. 162767 Plastic 	AX TM 45-030 COD. 162862 Plastic 
Deprat $\varnothing 89$ 	AX TM 45-013 COD. 162806 Metal 	AX TM 45-031 COD. 162807 Plastic 
Rollerbat notch $\varnothing 63$ 	AX TM 45-014 COD. 163413 Metal 	AX TM 45-032 COD. 163414 Plastic 

TUBE

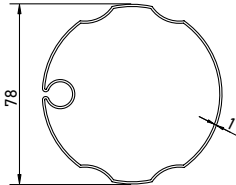
Rollerbat notch Ø70



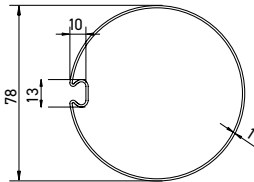
Notch Ø70



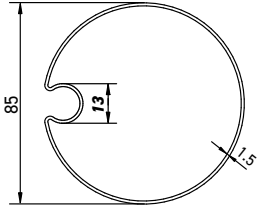
Rollerbat notch Ø78



Flat notch Ø78

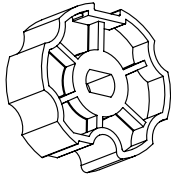


Notch Ø85

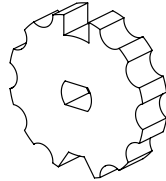


PULLEY

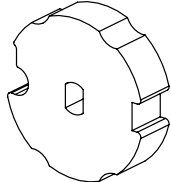
AX TM 45-015
COD. 163415
Metal



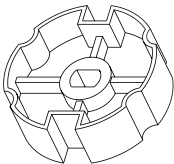
AX TM 45-016
COD. 163404
Metal



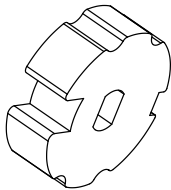
AX TM 45-017
COD. 163405
Metal



AX TM 45-018
COD. 162758
Plastic

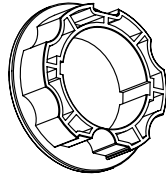


AX TM 45-057
COD. 162896
Plastic

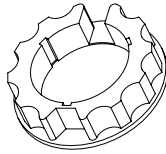


CROWN

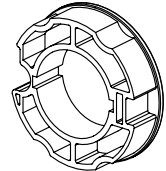
AX TM 45-033
COD. 163416
Plastic



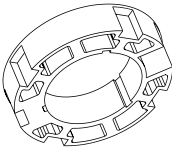
AX TM 45-034
COD. 162721
Plastic



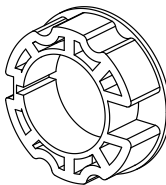
AX TM 45-035
COD. 163406
Plastic



AX TM 45-036
COD. 162759
Plastic



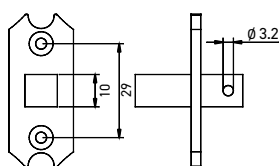
AX TM 45-056
COD. 162895
Plastic



ACCESSORIES

DESCRIPTION

MODEL

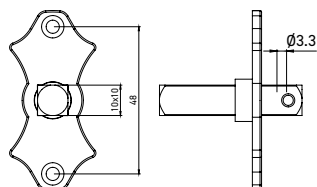


Essentials adpter for wall brackets (except 163479) - Max 30 Nm

AX TM 45-037
COD. 163471
Metal

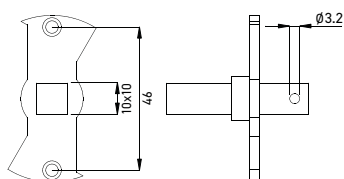
Essentials adpter for wall brackets (except 163479) - Max 60 Nm

AX TM 45-038
COD. 163470
Metal



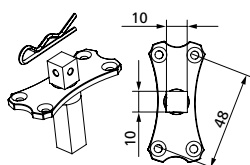
Square adapter 10x10 for $\varnothing 45$ mm motors, TM LEX S and TM LEX RM S

AX TM 45-055
COD. 16Y024
Metal



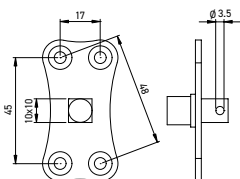
Adapter for TM LEX OD and TM LEX SRP

AX TM 45-040
COD. 163512
Metal



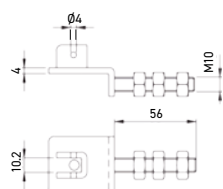
Square pin bracket
(for motor TM LEX, TM LEX RM, TM LEX RFO,
TM LEX RFE $\varnothing 45$)

AX TM 45-039
COD. 163417
Metal



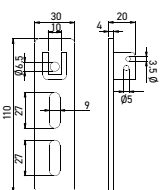
Adapter for TM LEX H, TM LEX HRM / essential
for wall brackets (except 163479)

AX TM 45-041
COD. 163472
Metal



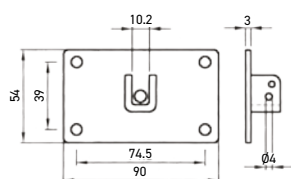
Support bracket with vertical adjustment

AX TM 45-042
COD. 163476
Metal



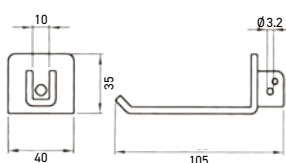
Support bracket with vertical adjustment

AX TM 45-043
COD. 162822
Metal



Wall bracket

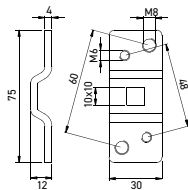
AX TM 35-015
COD. 162764
Metal



Wall bracket

AX TM 35-018
COD. 163477
Metal

ACCESSORIES

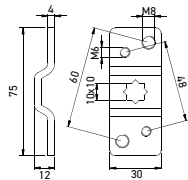


DESCRIPTION

Wall bracket

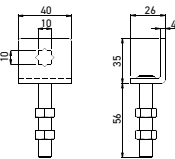
MODEL

AX TM 45-046
COD. 162829
Metal



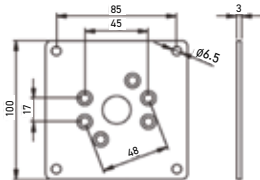
Wall bracket

AX TM 35-016
COD. 163509
Metal



Support bracket with vertical adjustment

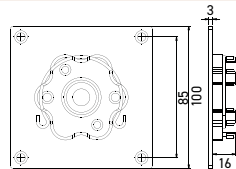
AX TM 35-017
COD. 162733
Metal



Wall bracket

AX TM 45-049
COD. 163479
Metal

HEAD ADAPTERS

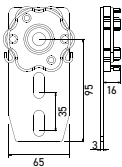


DESCRIPTION

Wall bracket

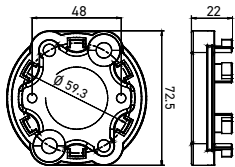
CODE

AX TM 45-050
COD. 163474
Metal



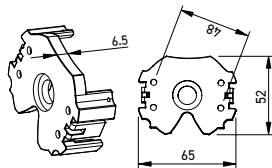
Support bracket with vertical adjustment

AX TM 45-051
COD. 163473
Metal



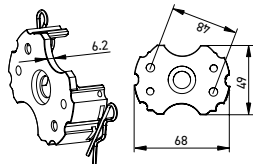
Alluminium star bracket - Max 50 Nm

AX TM 45-052
COD. 163475
Metal



Rapid fixing bracket (max. 20 Nm)
(for motor TM LEX, TM LEX RM, TM LEX RFE)

AX TM 45-053
COD. 163418
Plastic



Rapid fixing bracket (max. 50 Nm)
(for motor TM LEX, TM LEX RM, TM LEX RFE, TM LEX RFO)

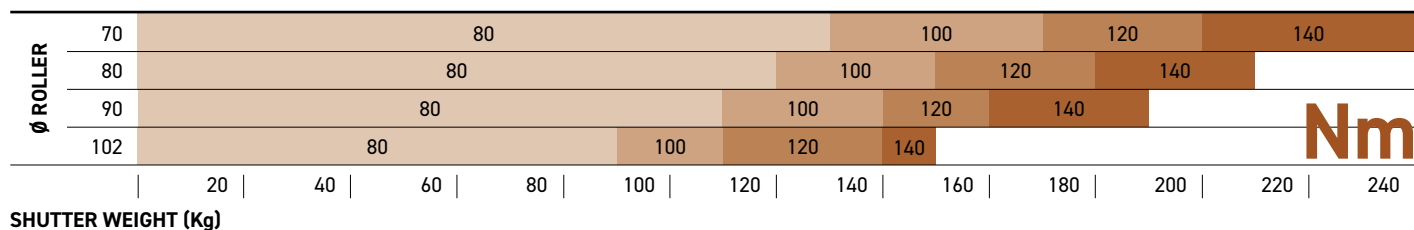
AX TM 45-054
COD. 163419
Metal

Selection guide

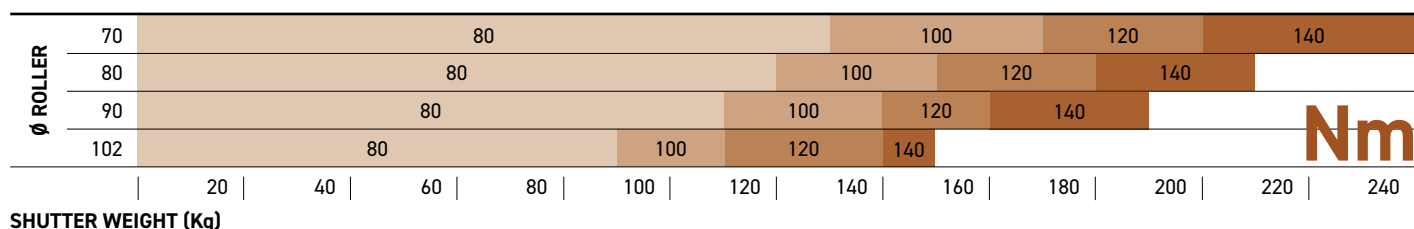
Ø59 mm tubular motors for roller shutters

Roller shutters with louver-board max 55 mm high and 14 mm thick

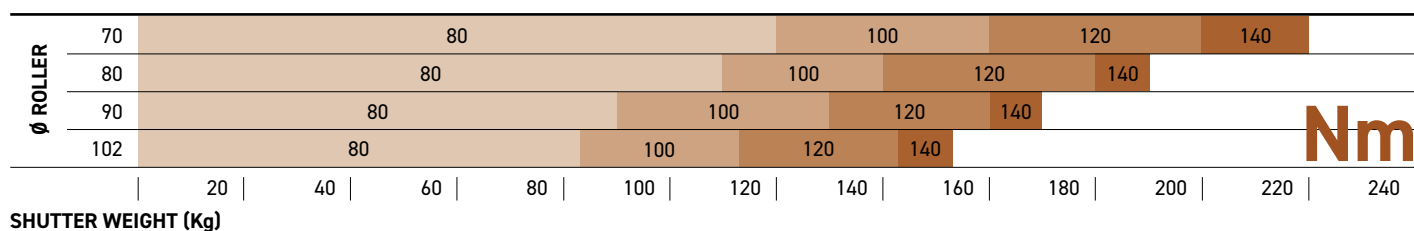
Height of the shutter up to 1.5 m



Height of the shutter from 1.5 to 2.5 m



Height of the shutter from 2.5 to 3.5 m



Available Ø59 mm motor configurations

Ø59 mm

Mechanical limit switch	Basic model	TM ROLL 59-80-15	TM ROLL 59-100-9	TM ROLL 59-120-9	TM ROLL 59-140-7
	Manual override	TM ROLL 59-80-15 H	TM ROLL 59-100-9 H	TM ROLL 59-120-9 H	TM ROLL 59-140-7 H
	Built-in radio receiver	TM ROLL 59-80-15 RM	TM ROLL 59-100-12 RM	-	TM ROLL 59-140-7 RM
Electronic limit switch	Encoder and built-in radio receiver	TM ROLL 59-80-15 RFE	TM ROLL 59-100-12 RFE	-	TM ROLL 59-140-7 RFE
	Built-in radio receiver for adjustable slat roller shutters	TM ROLL 59-80-15 RFO	-	TM ROLL 59-120-9 RFO	TM ROLL 59-140-7 RFO

Standard accessories included

The table shows the standard accessories supplied with each tubular motor model.

Ø59 mm

Model	Code	Square adapter	Pulley	Crown	Wall bracket	Eyelet
TM ROLL 59-80-15 S	27Y030	standard	162726	162727	162731	--
TM ROLL 59-100-9 S	27Y031	standard	162726	162727	162731	--
TM ROLL 59-120-9 S	27Y047	standard	162726	162727	162731	--
TM ROLL 59-140-7 S	27Y034	standard	162726	162727	162731	--
TM ROLL 59-80-15 H S	27Y032	standard	162726	162727	162731	162825
TM ROLL 59-100-9 H S	27Y033	standard	162726	162727	162731	162825
TM ROLL 59-120-9 H S	27Y048	standard	162726	162727	162731	162825
TM ROLL 59-140-7 H S	27Y035	standard	162726	162727	162731	162825
TM ROLL 59-80-15 RM S	27Y036	standard	162726	162727	162731	--
TM ROLL 59-100-12 RM S	27Y037	standard	162726	162727	162731	--
TM ROLL 59-140-7 RM S	27Y038	standard	162726	162727	162731	--
TM ROLL 59-80-15 RFE S	27Y061	standard	162726	162727	162731	--
TM ROLL 59-100-12 RFE S	27Y062	standard	162726	162727	162731	--
TM ROLL 59-140-7 RFE S	27Y063	standard	162726	162727	162731	--
TM ROLL 59-80-15 RFO S	27Y064	standard	162726	162727	162731	--
TM ROLL 59-120-9 RFO S	27Y080	standard	162726	162727	162731	--
TM ROLL 59-140-7 RFO S	27Y081	standard	162726	162727	162731	--

TM Roll Ø59

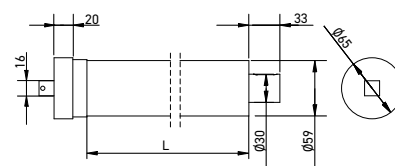
Tubular motor Ø59 mm with mechanical limit switch

- Powerful: high-performance motor that guarantees fast and reliable movement
- Compact design: ideal for any application, even in the smallest of spaces
- Ideal for awnings, roller shutters and roller doors
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø70 mm



Accessories included

- Square adapter 16×16
- Pulley and crown for octagonal tube Ø70 mm
- Wall bracket



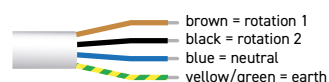
Models

	TM ROLL 59-80-15 S	TM ROLL 59-100-9 S	TM ROLL 59-120-9 S	TM ROLL 59-140-7 S
Code	27Y030	27Y031	27Y047	27Y034
Length L (mm)	580	580	580	580

Product data

Maximum load (kg) Value calculated with roller Ø70 mm	125	165	200	230
Speed (rpm)	15	9	9	7
Torque (Nm)	80	100	120	140
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	330	340	350	385
Rated current (A)	1.43	1.52	1.56	1.66
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



CX PRG2
Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES
The full range of accessories specific for tubular motors can be found at p. 64

Control units to be used



CX CU1 434
Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

TM Roll Ø59 H

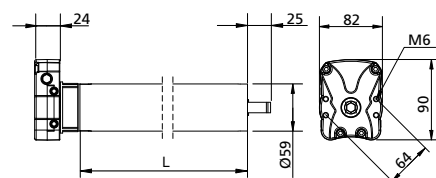
Tubular motor Ø59 mm with mechanical limit switch and manual override

- Powerful: high-performance motor that guarantees fast and reliable movement
- Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
- Ideal for awnings, roller shutters and roller doors
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø70 mm



Accessories included

- Metal adapter for octagonal tube Ø70 mm
- Pulley and crown
- Wall bracket
- Eyelet



Models

	TM ROLL 59-80-15 H S	TM ROLL 59-100-9 H S	TM ROLL 59-120-9 H S	TM ROLL 59-140-7 H S
Code	27Y032	27Y033	27Y048	27Y035
Length (mm)	570	570	570	570

Product data

Maximum load (kg) - Value calculated with roller Ø70 mm	125	165	200	230
Speed (rpm)	15	9	9	7
Torque (Nm)	80	100	120	140
Supply (Vac - Hz)	230-50	230-50	230-50	230-50
Maximum electric power (W)	330	340	350	385
Rated current (A)	1.43	1.52	1.56	1.66
Cable length (m)	2.5	2.5	2.5	2.5
Degree of protection (IP)	44	44	44	44

Cables



Accessories



CX PRG2
Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES
The full range of accessories specific for tubular motors can be found at p. 64



CX CU1 434
Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

TM Roll Ø59 RM

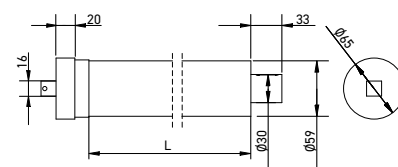
Tubular motor Ø59 mm with mechanical limit switch and built-in radio receiver

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Compact and strong: a space-saving design that ensures exceptional strength and durability, seamlessly adapting to any environment without compromising solidity
- Ideal for awnings, roller shutters and roller doors
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø70 mm
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference



Accessories included

- Square adapter 16×16
- Pulley and crown for octagonal tube Ø70 mm
- Wall bracket



Models

	TM ROLL 59-80-15 RM S	TM ROLL 59-100-12 RM S	TM ROLL 59-140-7 RM S
Code	27Y036	27Y037	27Y038
Length L (mm)	700	700	700

Product data

Maximum load (kg) - Value calculated with roller Ø70 mm	125	165	230
Speed (rpm)	15	12	7
Torque (Nm)	80	100	140
Supply (Vac - Hz)	230-50	230-50	230-50
Maximum electric power (W)	330	345	385
Rated current (A)	1.43	1.54	1.66
Cable length (m)	2.5	2.5	2.5
Degree of protection (IP)	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

Code 12Y701

TM Roll Ø59 RFE

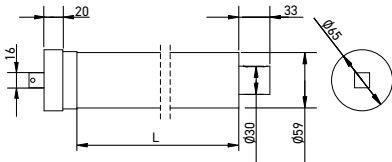
Tubular motor Ø59 mm with electronic limit switch, encoder and built-in radio receiver

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
 - Ideal for awnings, roller shutters and roller doors
 - Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
 - Electronic limit switch: combines practicality and precision with remote control functionality
 - Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
 - Suitable for winding tubes from Ø70 mm
 - Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 16×16
- Pulley and crown for octagonal tube Ø70 mm
- Wall bracket



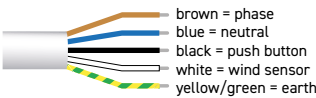
Models

	TM ROLL 59-80-15 RFE S	TM ROLL 59-100-12 RFE S	TM ROLL 59-140-7 RFE S
Code	27Y061	27Y062	27Y063
Length L (mm)	650	650	650

Product data

Maximum load (kg) - Value calculated with roller Ø70 mm	125	165	230
Speed (rpm)	15	12	7
Torque (Nm)	80	100	140
Supply (Vac - Hz)	230-50	230-50	230-50
Maximum electric power (W)	330	345	385
Rated current (A)	1.43	1.54	1.66
Cable length (m)	2.5	2.5	2.5
Degree of protection (IP)	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701

TM Roll Ø59 RFO

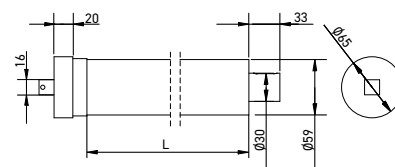
Tubular motor Ø59 mm with electronic limit switch and built-in radio receiver for adjustable slat roller shutters

- Silent motor: operates smoothly and quietly, ensuring maximum comfort in any environment
- Ideal for adjustable slat roller shutters
- Secure working frequency: 434.15 MHz ensures a stable signal with no risk of interference
- Electronic limit switch: combines practicality and precision with remote control functionality
- Intermediate position setting: allows you to choose the ideal position, offering full control over light and privacy
- Integrated radio receiver: delivers maximum power and reliability for superior control
- Suitable for winding tubes from Ø70 mm
- Technology with integrated Encoder: ensures precise, smooth movements and maximum reliability



Accessories included

- Square adapter 16×16
- Pulley and crown for octagonal tube Ø70 mm
- Wall bracket



Models

	TM ROLL 59-80-15 RFO S	TM ROLL 59-120-9 RFO S	TM ROLL 59-140-7 RFO S
Code	27Y064	27Y080	27Y081
Length L (mm)	650	650	650

Product data

Maximum load (kg) - Value calculated with roller Ø70 mm	125	200	230
Speed (rpm)	15	9	7
Torque (Nm)	80	120	140
Supply (Vac - Hz)	230-50	230-50	230-50
Maximum electric power (W)	330	350	385
Rated current (A)	1.43	1.56	1.66
Cable length (m)	2.5	2.5	2.5
Degree of protection (IP)	44	44	44

Cables



Accessories



TRANSMITTERS AND ACCESSORIES

The full range of accessories specific for tubular motors can be found at p. 64



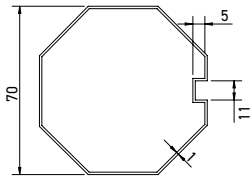
CX-DEV-T1 434

434.15 Built-in miniature transmitter mains powered

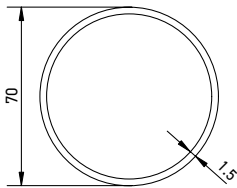
Code 12Y701

TUBE

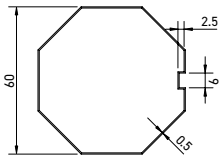
Octagonal Ø70



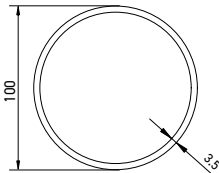
Round Ø70



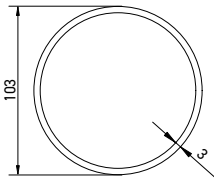
Round Ø80



Round Ø100×3.5

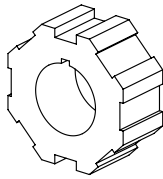


Round Ø103

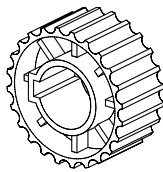


PULLEY

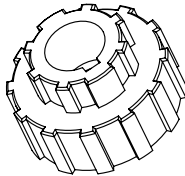
AX TM 59-001
COD. 162726
Metal



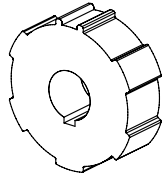
AX TM 59-002
COD. 162864
Plastic



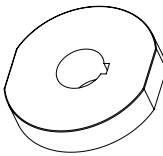
AX TM 59-003
COD. 162746
Plastic



AX TM 59-004
COD. 162859
Metal

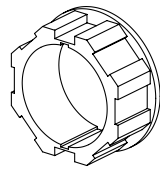


AX TM 59-005
COD. 162775
Metal

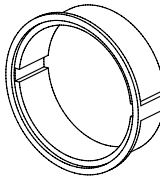


CROWN

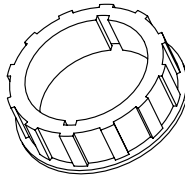
AX TM 59-010
COD. 162727
Plastic



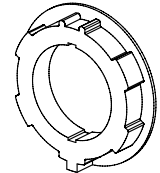
AX TM 59-011
COD. 162865
Plastic



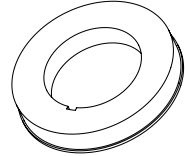
AX TM 59-012
COD. 162747
Plastic



AX TM 59-013
COD. 162858
Plastic



AX TM 59-014
COD. 162774
Plastic

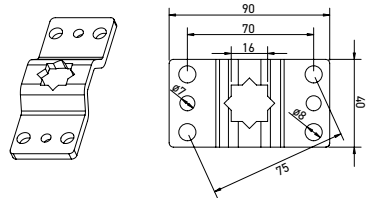


TUBE	PULLEY	CROWN
Flat notch $\varnothing 78$	AX TM 59-006 COD. 162861 Metal	AX TM 59-015 COD. 162860 Plastic
	(Metal)	
Notch $\varnothing 78$ bat	AX TM 59-007 COD. 162784 Metal	AX TM 59-016 COD. 162785 Plastic
Notch $\varnothing 85$	AX TM 59-008 COD. 162894 Metal	AX TM 59-017 COD. 162893 Plastic
Deprat $\varnothing 89$	AX TM 59-009 COD. 163407 Plastic	AX TM 59-018 COD. 163408 Plastic

ACCESSORIES

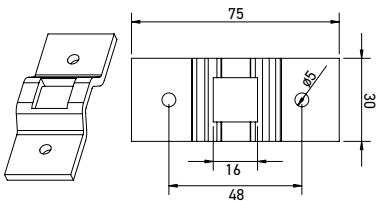
DESCRIPTION

MODEL



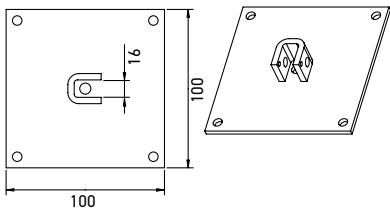
Wall bearing 16×16 mm

AX TM 59-019
COD. 162731
Metal



Wall bearing 16×16 mm

AX TM 59-020
COD. 162819
Metal



Square plate bearing 16×16 mm

AX TM 59-021
COD. 162734
Metal

Test and safety accessories

TEST CABLE FOR TUBULAR MOTORS

ACCESSORIES	DESCRIPTION	MODEL
	Tool test for mechanical motors	AX TM-022 COD. 163517
	Tool test for electronic motors	AX TM-001 COD. 16Y027

SAFETY DEVICES / PARACHUTES

ACCESSORIES	DESCRIPTION	MODEL
	Parachute for tubular gearmotors Ø45	AX TM 45-054 COD. 163485
	Parachute for tubular gearmotors Ø59	AX TM 59-023 COD. 163486
	70 mm octagonal parachute adapter for tubular gearmotors Ø45-Ø59	AX TM-002 COD. 163487

ACCESSORIES FOR TUBULAR GEAR MOTORS WITH MANUAL OVERRIDE OPERATION

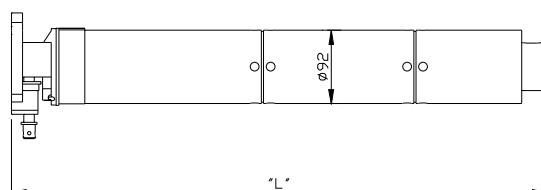
ACCESSORIES (Metal)	DESCRIPTION	MODEL
	Jointed bar 1300 mm	AX TM-003 COD.163504 Metal
	Jointed bar 1800 mm	AX TM-004 COD. 162736 Metal
	Fixed bar 1300 mm	AX TM-005 COD. 163505 Metal
	Retractable bar 1500 mm	AX TM-006 COD. 163506 Metal
	Eyelet 80 mm	AX TM-007 COD. 162825 Metal
	Eyelet 170 mm	AX TM-008 COD. 163507 Metal
	Joint 45° - 250 mm	AX TM-009 COD. 162823 Metal
	Joint 90° - 400 mm	AX TM-010 COD. 162824 Metal
	Joint 45° for retractable bar 163506	AX TM-011 COD. 163508 Metal

TM Bigroll Ø92 H



Tubular motor Ø92 mm with mechanical limit switch and manual override

- Powerful: high-performance motor that guarantees fast and reliable movement
- Ideal for roller doors
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Suitable for winding tubes from Ø100 mm



Models

	TM BIGROLL 92-300-9 H S
Code	27Y039
Length L (mm)	607

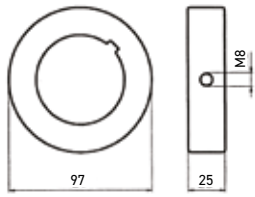
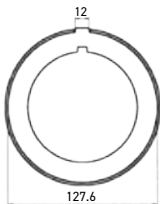
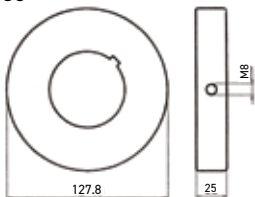
Product data

Maximum load (kg) - Value calculated with roller Ø100 mm	300
Maximum load (kg) - Value calculated with roller Ø133 mm	230
Speed (rpm)	9
Torque (Nm)	300
Supply (Vac - Hz)	230-50
Maximum electric power (W)	816
Rated current (A)	3.55
Cable length (m)	2.5
Degree of protection (IP)	44

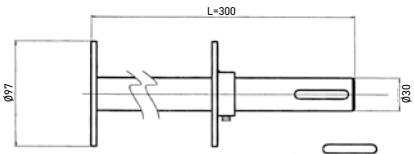
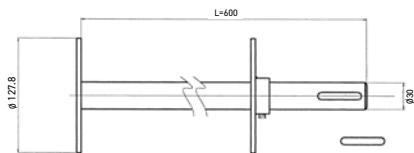
Cables



Accessories for TM 92-300-9 H

TUBE	PULLEY	CROWN
Ø101.6×2 	AX TM 92-001 COD. 163462 Metal 	AX TM 92-003 COD. 163463 Plastic 
Ø133×2.5 	AX TM 92-002 COD. 163464 Metal 	AX TM 92-004 COD. 163465 Plastic 

Accessories for Ø92 tubular motors

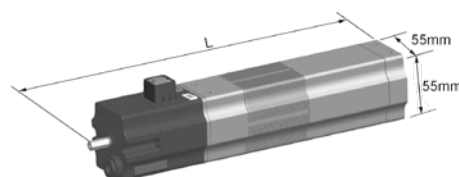
ACCESSORIES	DESCRIPTION	MODEL
	Flange shaft kit Ø30 L=300 Shaft with adjustable flanges for 101.6×2 pipe	AX TM 92-010 COD. 163466 Metal
	Flange shaft kit Ø30 L=600 Shaft with adjustable flanges for 133.6×2.5 pipe	AX TM 92-011 COD. 163467 Metal
	Safety gear for tubular gearmotors Ø92	AX TM 92-012 COD. 163469 Metal
	Bearing	AX TM 92-013 COD. 163468 Metal
	Eyelet	AX TM 92-014 COD. 163451 Metal

VM 55



Tubular Venetian motor for aluminium Venetian blinds with mechanical limit switch

- Strong and powerful: high-performance motor, designed to offer long life and resistance even in conditions of intense use
- Ideal for aluminium Venetian blinds
- Mechanical limit switch: enables precise and customized installation, ensuring optimal and effortless control
- Stress-free life: designed for optimal performance with no maintenance required
- Tilt and lift
- Water-proof IP54
- Fixing adapter 14×3.4 (16Y014)



Accessories included

- Fixing adapter

Models

	VM 55-2X3-26	VM 55-2X45-26
Code	27Y041	27Y042
Length L (mm)	284	300

Product data

Speed (rpm)	26	26
Torque (Nm)	2×3	2×4.5
Supply (Vac - Hz)	230-50	230-50
Maximum electric power (W)	131	152
Rated current (A)	0.58	0.67
Operating temperature (°C)	-10 ÷ +50	-10 ÷ +50
Degree of protection (IP)	54	54
Maximum limit turn (turn)	100	100
Running time (min)	>6	>6

Accessories



CX PRG2
Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES
The full range of accessories specific for tubular motors can be found at p. 64

Control units to be used



CX CU1 434
Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



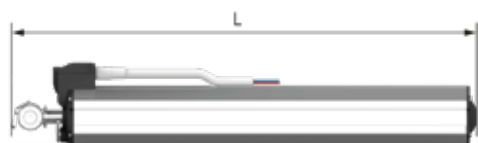
CX DEV-R1 WIFI
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

VM 66



Tubular Venetian motor for motorized louver with linear limit switch

- Strong and powerful: high-performance motor, designed to offer long life and resistance even in conditions of intense use
- Ideal for motorized louvers
- Accurate linear movement: guarantees smooth, consistent operation and precise control in every position
- Stress-free life: designed for optimal performance with no maintenance required
- Reliable mechanic limit switch with adjustable limit



Accessories included

- Fixing adapter

Models

	VM 66-500-300
Code	27Y065
Length L (mm)	420

Product data

Force (N)	500
Stroke (mm)	300
Supply (Vac - Hz)	230-50
Maximum electric power (W)	185
Rated current (A)	0.8
Operating temperature (°C)	-10 ÷ +50
Degree of protection (IP)	55
Running time (min)	>4

Accessories



CX PRG2
Expansion board for 2 motors
Code 12Y708



CX-DEV-T1 434
434.15 Built-in miniature transmitter mains powered
Code 12Y701



TRANSMITTERS AND ACCESSORIES
The full range of accessories specific for tubular motors can be found at p. 64



CX CU1 434
Miniaturized external control unit for the automation of awnings or roller shutters
Code 12Y713



CX CU3 - CU4
External control unit for the automation of awnings or roller shutters
Code 12Y715 - 12Y716



CX DEV-R1 WIFI
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor
Code 12Y709

Transmitters, control units and accessories





Accessories

Transmitters

TX PROTEO	p. 67
TX ARTEMIS	p. 68
TX LOKI	p. 69

Control units

CX CU1 434	p. 70
CX CU3 - CX CU4	p. 71
RX MT 434	p. 71
CX PRG2	p. 72
CX PRG3	p. 72

Sensors

AX SYROCO-RS	p. 73
AX MISTRAL	p. 73
AX HURRICANE-RS	p. 73

Miniaturized control modules

CX DEV	p. 74
CX DEV WIFI	p. 76

TX PROTEO

434.15 MHz transmitter for awnings and shutters

- Available in models with 1, 4, 6, 12 channels to control one or more automated systems simultaneously
- Multiple group function to program up to 8 automation groups
- Possibility to activate/deactivate the sun sensor on remote control units and motors with built-in control unit
- Button dedicated to controlling a courtesy light via the CX DEV-R2 module (only for TX PROTE01 and TX PROTE04 models)
- Built-in dip-switch to program the functions of SCREEN control units and tubular motors with built-in control unit
- Convenient wall mount supplied
- Model with display (PROTE012-D) with advanced features:
 - possibility of programming up to 5 events per day
 - automatic or manual operating mode
- Global function to simultaneously transmit commands to all channels (multi-channel versions only)



TX PROTE01 434



TX PROTE04 434



TX PROTE06 434



TX PROTE012 434



TX PROTE012-D 434



Technical features

Model	TX PROTE01 434	TX PROTE04 434	TX PROTE06 434	TX PROTE012 434	TX PROTE012-D 434
Code	10Y704	10Y705	10Y706	10Y707	10Y708
Channels	1	4	6	12	12
Frequency (MHz)	434.15				
Range in open field (m)	300				
Supply (battery type)	1 × Lithium 3V (CR2032)				
Max. absorption (mA)	< 15				
Dimensions (mm)	160×45×14				

TX ARTEMIS

Wall-mounted 434.15 MHz compact transmitter for awnings and shutters

- The transmitters in the ARTEMIS series can be used as simple table or wall transmitters using the plate accessory (AX ABLSW HOL, code 163444)
- The plate is equipped with an internal magnet that guarantees transmitter coupling
- Available in 1, 2, 6 channel models to control one or more automations simultaneously
- Possibility of enabling / disabling the sun sensor on the remote control units and on the motors of the integrated control unit (TX ARTEMIS6)
- Global function to simultaneously transmit the command to all 6 channels (TX ARTEMIS6 only)



Technical features

Model	TX ARTEMIS1 434	TX ARTEMIS2 434	TX ARTEMIS6 434
Code	10Y701	10Y702	10Y703
Channels	1	2	6
Frequency (MHz)	434.15		
Range in open field (m)	300		
Supply (battery type)	1 x Lithium 3V (CR2032)		
Max. absorption (mA)	< 25		
Dimensions (mm)	49×53×13		

TX LOKI

434.15 MHz portable transmitter for awnings and shutters

- Available in 1, 2, 4 channel models to control one or more automations simultaneously
- Global function to simultaneously transmit the command to all 4 channels (TX LOKI4 only)
- LED to program the functions of the SCREEN and the tubular motors with built-in control unit
- Practical eyelet for transmitter fastening to a keyring
- Convenient wall support supplied which can be fastened using adhesive (included) or prepared for wall mounting using a screw



TX LOKI1 434



TX LOKI2 434



TX LOKI4 434



Technical features

Model	TX LOKI1 434	TX LOKI2 434	TX LOKI4 434
Code	10Y712	10Y713	10Y714
Channels	1	2	4
Frequency (MHz)	434.15		
Range in open field (m)	300		
Supply (battery type)	1 × Lithium 3V (CR2032)		
Max. absorption (mA)	< 25		
Dimensions (mm)	38×92×12		

CX CU1 434

Miniaturized external control unit for the automation of awnings or roller shutters

- Separate OPEN/CLOSE inputs
- Input for AX MISTRAL sensors adjustable by transmitter
- Sensors AX SYROCO and AX HURRICANE adjustable via radio
- Built-in 434.15 MHz receiver
- Possibility to store up to 30 transmitters



Technical features

Model	CX CU1 434
Code	12Y713
Supply (Vac - Hz)	100Vac – 240Vac - 50/60Hz
Standby power consumption (W)	<0.5
Maximum load (W)	700
Degree of protection (IP)	55
Operating temperature (C°)	-20 ÷ +60
Dimensions (mm)	127×41×24

CX CU3 - CX CU4

External control unit for the automation of awnings or roller shutters

- Independent inputs for UP/DOWN push buttons or OPEN/STOP/CLOSE/STOP push button
- Input for AX MISTRAL sensors
- Sensors AX SYROCO and AX HURRICANE adjustable via radio
- Management of closure input with control arriving from burglar alarm control unit
- Plug-in radio receiver (optional) at the frequency of 434.15 MHz (RX MT 434, code 11Y701)
- Possibility to store up to 30 transmitters
- CU3: Output for 1 motor
- CU4: Output for 2 motors, independent or synchronized on the same axis



Technical features

Model	CX CU3	CX CU4
Code	12Y715	12Y716
Supply (Vac - Hz)	100Vac - 240Vac - 50/60Hz	100Vac - 240Vac - 50/60Hz
Standby power consumption (W)	<0.5	<0.5
Maximum load (W)	500	2×500
Degree of protection (IP)	55	55
Operating temperature (C°)	-20 ÷ +60	-20 ÷ +60
Dimensions (mm)	142×120×42	142×120×42

RX MT 434

434 MHz plug-in radio receiver modules



Technical features

Model	RX MT 434
Code	11Y701

CX PRG2

Expansion board for 2 motors (single and multiple control)

- Possibility of controlling 2 actuators using a single control unit or a deflector.
- Possibility of individually controlling the two motors on opening and closure by connecting two buttons on the specific outputs P1 and P2.
- 2 relay outputs capable of controlling loads up to 1500W for each output



Technical features

Model	CX PRG2
Code	12Y708
Supply (Vac - Hz)	230 - 50
Maximum load (W)	2×1500
Degree of protection (IP)	55
Operating temperature (C°)	-20 ÷ +60
Dimensions (mm)	127×41×24

CX PRG3

Expansion board for 3 motors (multiple control)

- Possibility of controlling 3 actuators using a single control unit or a deflector.
- 3 relay outputs capable of controlling loads up to 1000W for each output



Technical features

Model	CX PRG3
Code	12Y707
Supply (Vac - Hz)	230 - 50
Maximum load (W)	3×1000
Degree of protection (IP)	55
Operating temperature (C°)	-20 ÷ +60
Dimensions (mm)	113×113×57

AX SYROCO-RS

Anemometer vibration sensor via radio (434.15 MHz)



Technical features

Model	AX SYROCO-RS
Code	18Y003
Supply (Vac - Hz)	2 × alkaline AAA
Frequency (MHz)	434.15
Degree of protection (IP)	55
Operating temperature (C°)	-20 ÷ +60
Dimensions (mm)	154×32×25

AX MISTRAL

Anemometer (cable signal)

Technical features

Model	AX MISTRAL
Code	18Y001
Degree of protection (IP)	44
Operating temperature (C°)	-20 ÷ +60



AX HURRICANE-RS

Anemometer with sun and temperature sensor via radio (434.15 MHz)

Technical features

Model	AX HURRICANE-RS
Code	18Y002
Supply (Vac - Hz)	434.15
Frequency (MHz)	434.15
Absorbed power (W)	3.5
Degree of protection (IP)	44
Operating temperature (C°)	-20 ÷ +60



CX DEV

Built-in miniature control modules

- Ideal for controlling devices not directly accessible via cable
- Built-in installation inside of regular electrical boxes
- Power supply with extended range (85 ÷ 260 Vac - 50/60 Hz)
- Very low power consumption in stand-by

CX DEV-T1 434

- 4 wired inputs for N.O. buttons (UP-STOP-DOWN-PROG)
- Management of awnings/shutters or group movement

CX DEV-R1 434

- 434.15 MHz radio receiver with integrated antenna
- Compatible with TX PROTEO, TX ARTEMIS, TX LOKI and CX DEV-T1 434 series transmitters
- Memory able to handle up to 30 radio channels
- Two wired inputs: up and down
- Integrated button for programming operations
- Wireless programming via a stored remote control
- Wireless management of AX SYROCO-RS and AX HURRICANE-RS series weather sensors

CX DEV-R2 434

- 434.15 MHz radio receiver with integrated antenna
- Compatible with TX PROTEO, TX ARTEMIS, TX LOKI and CX DEV-T1 434 series transmitters
- Memory able to handle up to 30 radio channels
- Two programmable wired inputs
- Programming via integrated push button or transmitters
- Wireless programming via a stored remote control
- Relay output with volt-free contacts for loads of up to 500W



CX DEV-T1 434

Built-in miniature transmitter mains powered



CX DEV-R1 434

Built-in miniature receiver for controlling a single-phase asynchronous motor

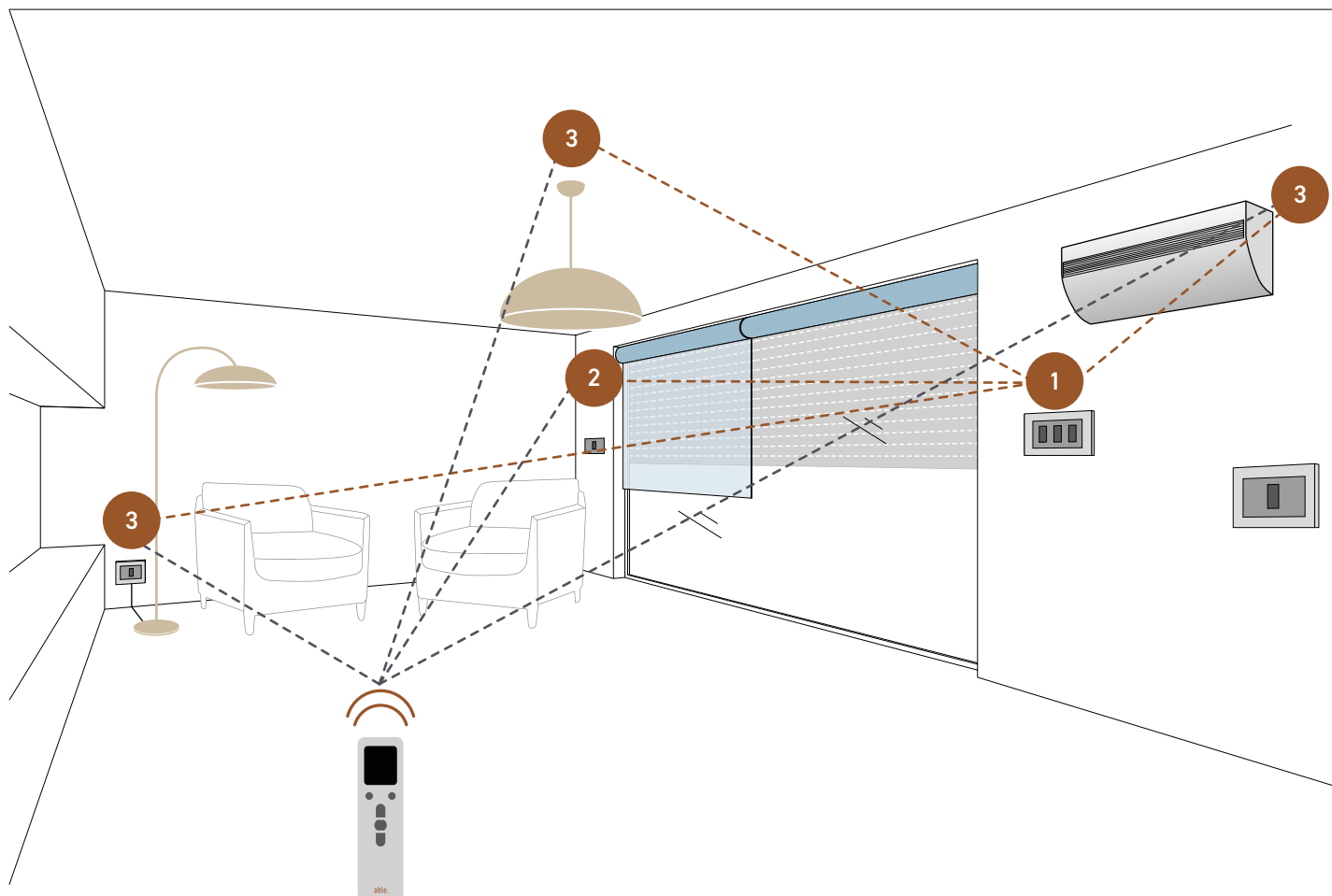


CX DEV-R2 434

Built-in miniature receiver for controlling a load up to 500W

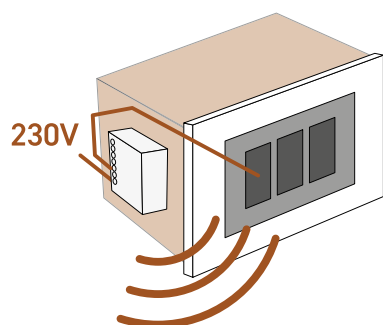
Technical features

Model	CX DEV-T1 434	CX DEV-R1 434	CX DEV-R2 434
Code	12Y701	12Y706	12Y702
Supply (Vac - Hz)	85 - 260 / 50 - 60	85 - 260 / 50 - 60	85 - 260 / 50 - 60
Frequency	434.15 MHz	434.15 MHz	434.15 MHz
Absorption in stand-by (mA)	0.15	0.25	0.25
Dimensions (mm)	20×34×41	20×34×41	20×34×41

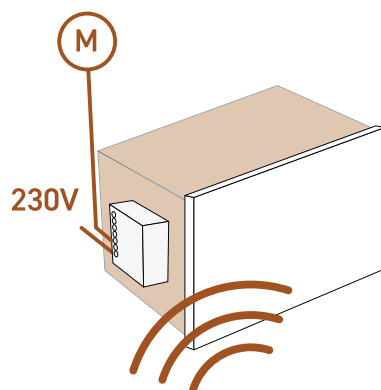


- 1
- 2
- 3

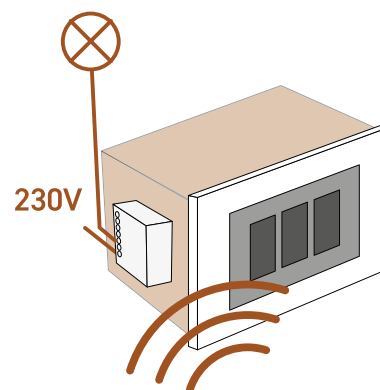
CX DEV-T1 434



CX DEV-R1 434



CX DEV-R2 434



CX DEV WIFI

Wi-Fi miniature control modules

- Ideal for controlling devices not directly accessible via cable
- Built-in installation inside of regular electrical boxes
- Power supply with extended range (85 ÷ 260 Vac - 50/60 Hz)
- Very low power consumption in stand-by

CX DEV-R1 WIFI

- Wi-Fi receiver
- Compatible with 'Able to Use' app
- Two wired inputs: up and down
- Integrated button for programming operations

CX DEV-R2 WIFI

- Wi-Fi receiver
- Compatible with 'Able to Use' app
- Two programmable wired inputs
- Programming via 'Able to Use' app
- Relay output with volt-free contacts for loads of up to 500W



CX DEV-R1 WIFI

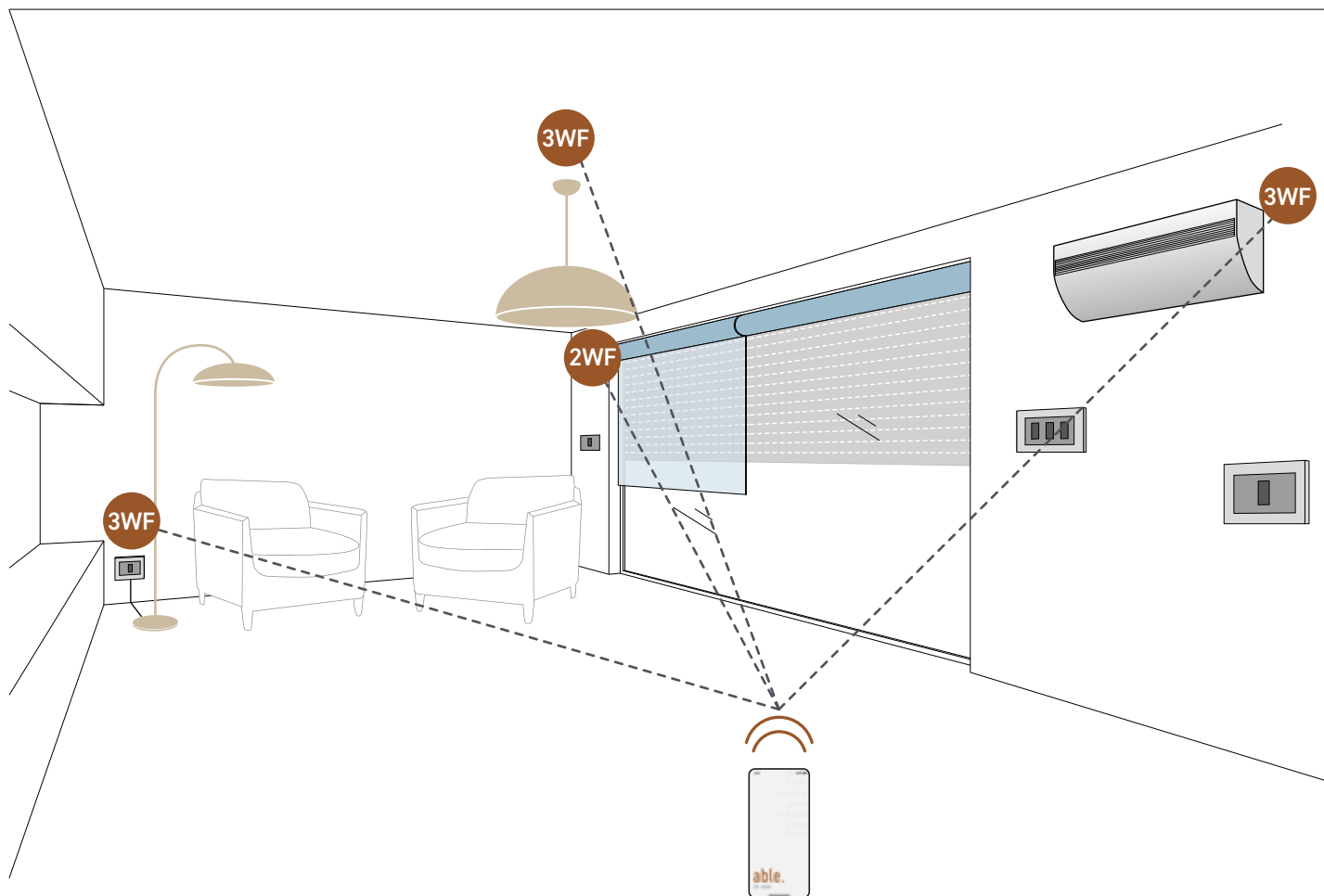
Wi-Fi miniature receiver for controlling a single-phase asynchronous motor

CX DEV-R2 WIFI

Wi-Fi miniature receiver for controlling a load up to 500W

Technical features

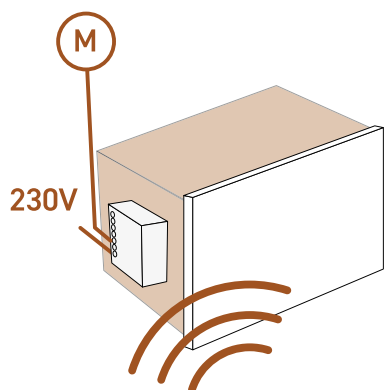
Model	CX DEV-R1 WIFI	CX DEV-R2 WIFI
Code	12Y709	12Y710
Supply (Vac - Hz)	85 - 260 / 50 - 60	85 - 260 / 50 - 60
Frequency	2.4 GHz	2.4 GHz
Absorption in stand-by (mA)	0.25	0.25
Dimensions (mm)	20×34×41	20×34×41



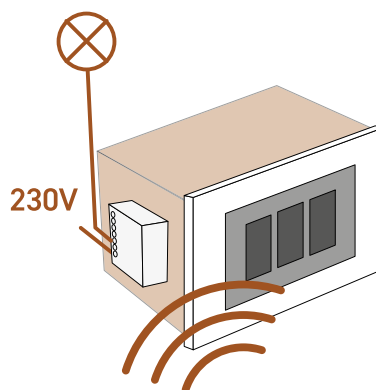
2WF

3WF

CX DEV-R1 434



CX DEV-R2 434





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