



SHUTTERS, AWNINGS AND BLINDS MOTORS CATALOG

CAME 
BTECH

[CAME.COM](https://www.came.com)

CAME  BTECH

GENERAL INDEX AND LEGEND OF SYMBOLS

ICONOGRAPHY



New in 2021

SUGGESTED



Awnings



Shutters



Shades



Cable-based



Radio-based



Emergency
maneuver



Obstacle
detection



Full
automatic



Silent



Short



Roll up doors



Batteries

OBLIGATORY



Shutters



Blinds



Boxed
awning



Cable-based



Venetian
blinds



Vertical
blinds



Radio-based

GUARANTEE



5 YEARS
WARRANTY

REGULATORY COMPLIANCE



CONFORMITY
TO FRENCH
REGULATORY
STANDARDS

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WE SPEAK ABOUT QUALITY LIVING, IN ALL OF THE WORLD'S LANGUAGES.

CAME has catered to people's needs for over 60 years by using technology as a key to a quality life. Every project drives our innovation and focus to make people's lives as comfortable as possible. CAME is a company where skills and experience come into play. Its know how blends functionality and design continuously improving performance.

You are sure that you can rely on professionals able to transform our innovations into solutions, to create customized automation proposals integrated with the best connectivity and mobility technologies. CAME and its partners, together, to satisfy its increasingly demanding and heterogeneous customers for their culture and needs, in order to transform living spaces into more intelligent and safe places.



ALWAYS ONE-STEP-AHEAD

CAME is a market-leading brand that makes integrated automation solutions, video-entry, access control and parking systems for the public and private sectors. The CAME Group boasts a series of highly specialized companies. Together they cover a large share of their market. The group delivers cutting-edge solutions for the residential, business and urban segments. Whether its home automation or heating control, road barriers and high-security bollards, or automatic doors and sectional industrial doors, CAME Group is a key player. Today CAME is set on one, distinct corporate vision, which makes the organization a cutting-edge technological partner.

CAME  BPT

CAME  PARKARE

CAME  URBACO

CAME  GO

CAME  BTECH

CAME  ÖZAK

RESIDENTIAL SOLUTIONS



BUSINESS SOLUTIONS



URBAN SOLUTIONS



RESIDENTIAL SOLUTIONS

We have gone beyond the simple idea of Home Automation, and taken the concept full circle. Now every device is fully integrated and connected into a system that improves people's lives. Today, we believe automation is at the heart of everything: to handle entrances and blinds, to control awnings and shutters, plus video intercom-entry systems, and burglar alarms.

BUSINESS SOLUTIONS

For every public venue, our offer provides the most sophisticated systems for controlling accesses and the most evolved solutions for burglar systems, video-intercom entry panels and barriers for parking facilities. Small and large companies, commercial enterprises, large buildings: CAME-branded Building-Automation operators provide control and safety in both small and large working environments.

URBAN SOLUTIONS

Our offer is geared to meet the different automation needs for urban planning and architectural scenarios. CAME solutions are engineered for managing safety and control in large works and for contributing to the planning of urban spaces so as to make them "Safe and Smart", as called for in today's fast-paced, metropolitan centres.



**INNOVATIVE
SOLUTIONS FOR
EVERY PROJECT.
DISCOVER THE
COMPLETE CAME
OFFER.**



PARKING SOLUTIONS

PKE

Ideal solution for large parking facilities with special configuration requirements

PKM

Ideal solution for small and medium sized parking facilities

PS

Entry-level solution for the management of small installations with transponder-token or barcode systems

LINCE 6

The software platform for management, monitoring and real time remote reporting via smartphone, tablet or PC. Multi-parking management with users and subscriptions centralisation, for validity on all systems. Datacenter with service continuity and servers automatic scalability. 360 assistance and service



Find out more on came.com/parkare

CAME  **PARKARE**

VEHICULAR ACCESS CONTROL



FIXED AND MOBILE BOLLARDS

For delimitation of traffic routes, parking facilities or areas where access to vehicles is prohibited

AUTOMATIC BOLLARDS

For urban areas protection and vehicle flow regulation in both public and private areas

MANAGEMENT AND CONTROL

An integrated system that allows centralized remote management of all accesses with retractable bollards



HIGH-SECURITY BOLLARDS

For the protection of strategic access points and sensitive facilities against ramming vehicles

ROAD BLOCKERS

The highest level of burglar-proof security, to prevent access by unauthorized vehicles

Discover the SMART & SAFE solutions at came.com/urbaco
Discover the full range on came.com/ozak

CAME  **URBACO**
CAME  **ÖZAK**

PEDESTRIAN ACCESS CONTROL



TURNSTILES AND SPEED GATES

For access management and control in elegant settings with fast passage requirements

HIGH-SECURITY TURNSTILES

For access control in locations that require high levels of protection

Find out more on came.com/ozak



CAME  ÖZAK





AUTOMATIC DOORS

DISCOVER THE SOLUTIONS FOR AUTOMATIC PEDESTRIAN DOORS

A complete line of automatic sliding or swing doors, equipped with state-of-the-art electronics, available in different versions, also for special uses or emergency exits. Equipped with Brushless motors for maximum efficiency and reliability, and the innovative Direct Drive system that ensures exceptionally quiet movements.

Find out more on came.com/pedestrian-doors

CAME 



VIDEO ENTRY SYSTEMS

INTERCOM RECEIVERS

Intercom and video intercom-entry solutions with modern design and technology

ENTRY PANELS

Advanced single-block or modular devices for single users or for large housing complexes



Find out more on came.com/videoentry



SHUTTERS AND BLINDS SOLUTIONS

AUTOMATION FOR ROLLER SHUTTERS AND BLINDS

A complete series of operators for any installation setting



Find out more on came.com/btech

CAME  **BTECH**

SECTIONAL DOORS

SECTIONAL DOORS FOR HOMES

Solutions that combine quality and design to give aesthetic value to any living environment

SECTIONAL DOORS FOR INDUSTRIAL SETTINGS

Robust, reliable and secure solutions that ensure maximum efficiency for your business



Find out more on came.com/go

CAME  **GO**

OUR WORLDWIDE NETWORK.

CAME Group operates the world over.

From its Treviso head office, home to the group's thriving core, CAME coordinates seven manufacturing plants and six R&D units. The group has branches in 20 countries and thanks to its business partners and distributors, it has operations in 118 countries.

The complexity involved in living spaces and in mobility flows require ever greater protection and security, plus enhanced reactive capacity and greater know-how that embrace an integrated and global vision of the world.

CAME is the technology partner for those projects that require integrated systems for improving the quality of our living space - whether private or public. Our products are made for controlling homes, managing urban venues and workplaces, of any kind, anywhere in the world.

The Group shares common goals, which go beyond single specializations. Thanks to the synergies among all the divisions and brands, CAME shares an operating approach that enriches in diversity.

BRANCHES AMERICA

Brazil
Chile
Mexico
Perù
USA

1700

OUR EMPLOYEES AROUND THE WORLD



CAME HQ

Treviso, Italy

BRANCHES EUROPE

Italy	Poland
Belgium	Portugal
Croatia	Russia
France	Spain
Germany	UK
Ireland	Turkey
Netherlands	

6

R&D CENTRES

20

COUNTRIES WITH DIRECT
BRANCHES

118

COUNTRIES WITH PARTNERS
AND DISTRIBUTORS

7

PRODUCTION PLANTS
Dosson di Casier - Italy
Sesto al Reghena - Italy
Spilimbergo - Italy
Hemel Hempstead - UK
Entraigues - France
Barcelona - Spain
Kocaeli - Turkey

BRANCHES ASIA

India
The UAE

!

480

WORLDWIDE DISTRIBUTORS
AND PARTNERS



TRAINING THAT MAKES A DIFFERENCE.



Professionals have a tough job, which always requires upgrading and updating.

Technical and product developments are not the only issues; the keys to success are a deep regulations knowledge and a strong relationship with customers, that are always more demanding for efficient services.

CAME proposes a series of initiatives geared for spreading knowledge about its products and services to let installers remain updated on new technologies and applicable laws and regulations.

Our courses are extremely practical, giving our participants hands on knowledge which they can immediately apply.

A TEAM OF PROS

CAME offers to installers its own team of trainers, composed by technicians specialized in each product lines. All the trainers are internal staff members with great know-how and experience on projects, sales and technical issues. Each course provides the attending professionals with all is necessary for their job, so they can stay abreast of the latest market developments.

TRAINING COURSES.

INVESTING IN YOUR STAFF
BUILDING YOUR BUSINESS

CAME TRAINING TEAM



FOR INFORMATION AND REGISTRATION:



Access the specific training page of the came.com/training website



Send your request to traininginternational@came.com



Call for more information at +39 0422 15 69 511 during business hours.

Upon request, CAME will design and deliver courses, tailored around your needs, by setting up the learning path, course schedule and locations.

The training program also continues online, thanks to the webinar formula for in-depth analysis of all CAME topics.

A complete and constantly updated calendar, with schedules compatible with the work of our partners and automation professionals, to offer continuous and tailor-made updating solutions.



**IN THE VALUE OF
ACTIONS, THE
DRIVE TO IMPROVE,
ALWAYS.
QUALITY INSIDE.**



We are the quality we want to achieve
CAME's working methodology is based on the continuous improvement of production processes, security and relationships, but a great result can only be achieved with everyone's contribution.

This awareness has given rise to Quality Inside, a project involving CAME's women and men and the professionals who rely on our products to offer increasingly reliable and innovative solutions that improve their customers' quality of life.

Quality is our guiding principle: we want to raise all standards of production systems and make quality a widespread and shared value in all company systems.

A process of constant measurement of the results obtained, which encourages the dissemination of positive practices and the replicability of the standards achieved throughout the product design and development cycle.

This scenario brings life to an organizational structure that makes for constant, fruitful and open dialogue among the fundamental areas of the CAME system:

R&D - central test lab - production - logistics - service.





A NEW SMART PRODUCTION PROCESS FOR NEW RESULTS.

To the traditional four phases aimed at continuous improvement of production processes, Q.I. adds a continuous sharing process of the results obtained that aims to spread the positive practices and replicability of the standards achieved.



PLAN

Knowledge of motivations produces sustainable solutions.



DO

The plan is implemented, the process executed, the product created.



CHECK

The actual result of the assumptions is verified, under real conditions.



ACT

The problem has been solved, the improvement is achieved.



SHARE

WE MAKE A CHANGE.

LET'S PUT QUALITY INTO THE STREAM.



Find out more
came.com/qi

MOS 5 - Ø 45



230 V AC - 50 Hz
Mechanical limit switch
Optional outdoor receiver

OPERATORS FOR BLINDS

MODEL	TECHNICAL CHARACTERISTICS	
809Y5-0110	Absorption (A)	0,49
	Torque (Nm)	10
	Power (W)	113
	Protection rating (IP)	44
809Y5-0120	Absorption (A)	0,64
	Torque (Nm)	20
	Power (W)	161
	Protection rating (IP)	44
809Y5-0130	Absorption (A)	0,83
	Torque (Nm)	30
	Power (W)	191
	Protection rating (IP)	44
809Y5-0140	Absorption (A)	0,86
	Torque (Nm)	40
	Power (W)	198
	Protection rating (IP)	44
809Y5-0150	Absorption (A)	0,89
	Torque (Nm)	50
	Power (W)	205
	Protection rating (IP)	44



The advantages of MOS 5

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Head also compatible with standard mounts on the market.

KBS 5 - Ø 45



230 V AC - 50 Hz
Electronic limit switch
869.50 MHz radio receiver
Obstruction detectors in both directions

ATTUATORI PER TAPPARELLE

MODEL	TECHNICAL CHARACTERISTICS	
809Y5-0010	Absorption (A)	0,48
	Torque (Nm)	10 **
	Power (W)	113
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0020	Absorption (A)	0,69
	Torque (Nm)	20
	Power (W)	161
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0030	Absorption (A)	0,87
	Torque (Nm)	30
	Power (W)	200
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0040	Absorption (A)	0,99
	Torque (Nm)	40
	Power (W)	228
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44
809Y5-0050	Absorption (A)	0,99
	Torque (Nm)	50
	Power (W)	228
	Radio signal frequency (Mhz)	869,50
	Protection rating (IP)	44



The advantages of KBS 5

- Designed to connect to the Cloud, via Game Connect, using the 842EC-0020 gateway.
- Specially for shutters.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Invert direction of travel, if obstructions is found, when descending.
- FULL AUTOMATIC SETTING up to 20 Nm.



Specific operator for indoor venetian blinds
12V DC power supply, with low consumption
Suitable for boxes 25 x 25 mm

VENETIAN BLIND ACTUATOR

MODEL	TECHNICAL CHARACTERISTICS	
809YA-0010	Absorption (A)	0,83
	Power (W)	10
	Protection rating (IP)	20
809YA-0020	Absorption (A)	0,63
	Power (W)	8
	Protection rating (IP)	20
809YA-0030	Absorption (A)	0,5
	Power (W)	6
	Protection rating (IP)	20



The benefits of VNT

- Apparatus in insulation class III
- Side-mounted single output actuator
- Centrally mounted double output actuator
- Obstacle detection with motor protection
- Versions with optional mechanical limit switch or electronic encoder limit switch with built-in receiver
- Single or dual output operators
- Obstacle detection with motor protection
- Versions with optional mechanical limit switch or electronic encoder limit switch with built-in receiver



Specific operator for indoor blinds with vertical bands
It allows the orientation of the vertical bands

ACTUATOR FOR BLINDS WITH VERTICAL BANDS

MODEL

809YB-0010

TECHNICAL CHARACTERISTICS

Absorption (A)	0,83
Power (W)	5
Protection rating (IP)	40



The benefits of VRT

- Apparatus in insulation class III
- Operator equipped with rechargeable and removable battery
- Obstacle detection with motor protection
- Electronic encoder limit switch with built-in receiver



CAME WI



New Gateway device that connects your system to the Wi-Fi network and controls the automations via Android and iOS App.

Voice commands compatible with :
Google Home, Alexa and Siri.

ACTUATOR FOR BLINDS WITH VERTICAL BANDS



















MODEL	TECHNICAL CHARACTERISTICS		
001ESYE0002		Power supply	5V DC / 2A
		Radio signal frequency (Mhz)	433,92
		Radio power (mW)	50
		Wireless Standard	802.11b/g/n
001ESYE0003		Power supply	5V DC / 2A
		Radio signal frequency (Mhz)	433,92
		Radio power (mW)	50
		Wireless Standard	802.11b/g/n

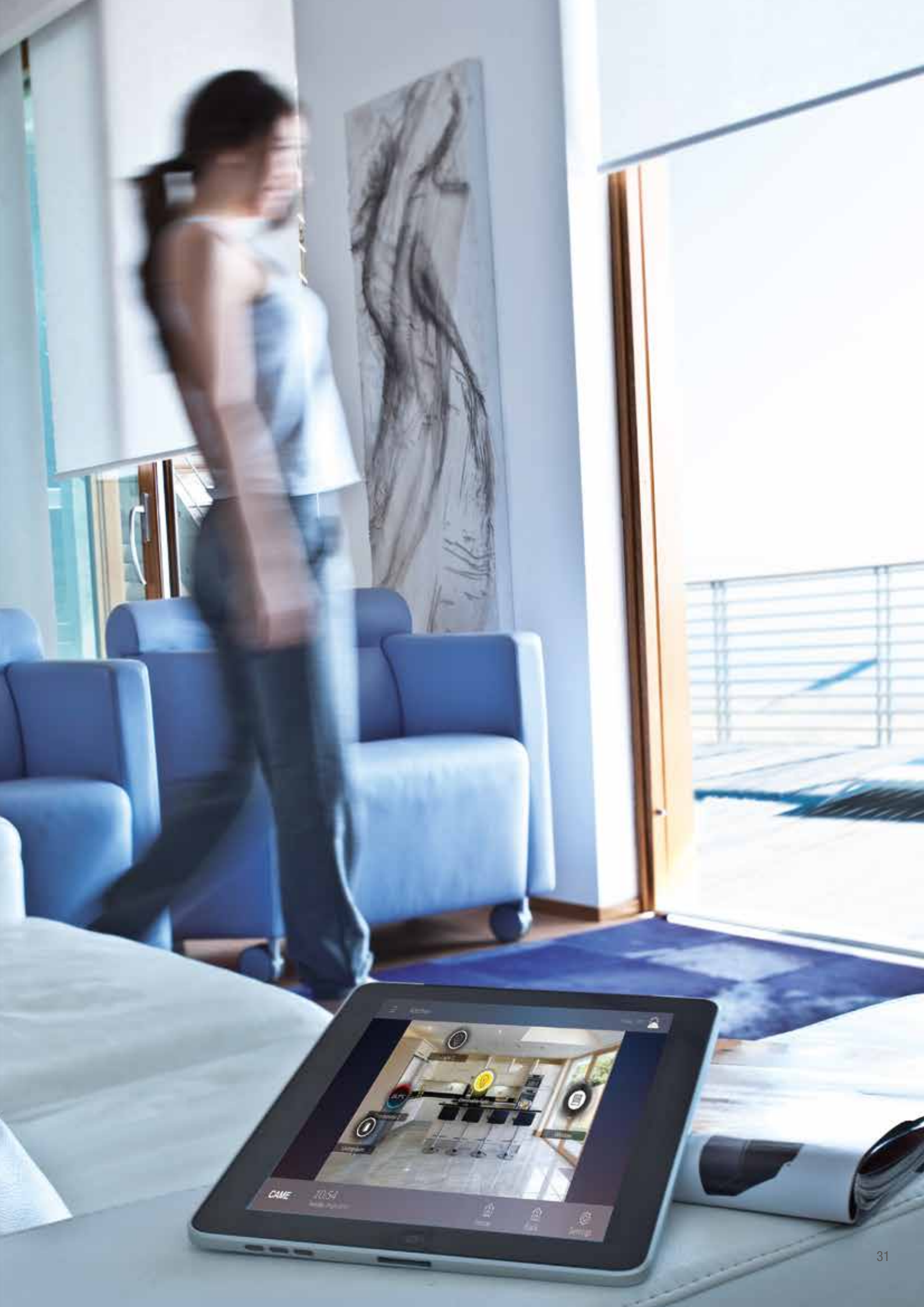
The benefits of CAME WI

- Multiple CAME radio devices that can be associated: roller shutters, curtains, awnings, garage doors, lights, etc.. (with CAME radio receiver).
- Up to 12 configurable "scenarios".
- Up to 3 programmable hourly routines.
- Management of 16 channels
- Control possibilities: Open, Stop, Close, Midpoint.
- App available for Android and iOS.
- Voice commands compatible with Google Home, Alexa and Siri voice assistants.

Range table with references to diameters and limit switches

Technical characteristics - tube motors for awnings and rolling shutters

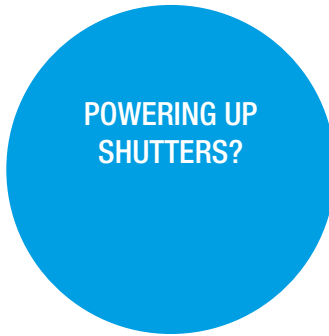
	ELECTRONIC LIMIT-SWITCH	MECHANICAL LIMIT SWITCH	VIA RADIO	VIA CABLE	EMERGENCY MANEUVER	SPECIAL	Ø DIAMETER MODEL	CHARACTERISTICS
Ø 25								
	•		•			ON-BOARD BATTERIES	EDISON B3	 
Ø 35								
		•		•			MONDRIAN 4	
		•	•				MONDRIAN R4	
	•		•				KLIMT 4	
	•			•			ENSOR 4	
Ø 45								
	•		•			FULL AUTOMATIC	KBS 5	
		•		•			MOS 5	  
		•		•			MONDRIAN 5	
		•	•				MONDRIAN R5	
		•		•		SHORT	MATTA 5	
		•		•		SILENT	MONDRIAN Q5	
		•	•			SILENT	MONDRIAN QR5	
	•		•				KLIMT 5	
	•			•			ENSOR 5	
	•		•				KLIMT AW5	
		•		•	•		MONDRIAN M5	
		•	•		•		MONDRIAN MR5	
	•		•	•		FULL AUTOMATIC	KLIMT SH5	  
	•			•		FULL AUTOMATIC	ENSOR SH5	  
Ø 55								
		•		•			MONDRIAN 6	
		•		•		DOUBLE MOTOR	MONDRIAN 6D	
		•	•				MONDRIAN R6	
		•		•	•		MONDRIAN M6	
		•	•		•		MONDRIAN MR6	
	•		•				KLIMT 6	 
Ø 92								
		•		•	•		MONDRIAN M9	



SHUTTERS: a guide to choosing the gearmotor



INSTALLER
Preliminary checks



CLIENTE
The client's preferences



CHECK THE DIAMETER OF THE SHUTTER TUBE

1

TYPE OF SYSTEM WANTED
Button, radio command, emergency maneuver

CHECK THE CASING TYPE

2

MANAGEMENT MODE
Single or centralized command

CHECK THE SHUTTER'S WEIGHT

3

ACCESSORIES
Weather units and/or sensors

WEIGHT OF SHUTTER
Shutter surface area (m²) x Specific weight (kg/m²)

4

AREA OF THE SHUTTER
Base (m) x Height (m) = (m²)

Example:

Wood shutter, base length 2.2 m height 1.85 m

AREA OF THE SHUTTER = 2.2 X 1.85 = 4.07 m²

CALCULATING THE WEIGHT WITH AN AVERAGE VALUE FOR WOOD = 4.07 x 12.5 = 50.87 kg

SPECIFIC WEIGHTS (APPROX.)

PVC = from 3 kg/m² to 6 kg/m²

WOOD = from 10 kg/m² to 15 kg/m²

ALUMINIUM = from 4 kg/m² to 8 kg/m²

STEEL= from 10 kg/m² to 12 kg/m²

ATTENTION

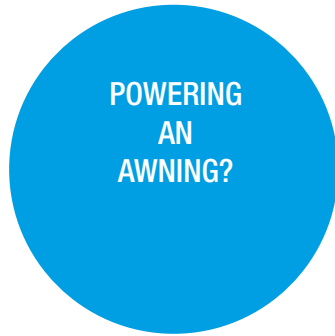
The specific weight values mentioned are merely indicative.

The specific weight of the material used also depends on the thicknesses, reinforcements, and insulation used.

For a precise calculation, see the document issued by the manufacturer of the winder system.



INSTALLER
Preliminary checks



CLIENTE
The client's preferences



TYPE OF AWNING
With extendable arms, drop-type, or boxed

1

CHECK WINDER-TUBE DIAMETER
The greater the diameter, the greater the required motor torque

2

CHECK HOW FAR THE AWNING PROTRUDES
The more it juts out, the more more torque is required

3

NUMBER OF ARMS

4

OPTIMIZING MOTOR TORQUE

5



TYPE OF AWNING
With extendable arms, drop-type, or boxed

TYPE OF SYSTEM WANTED
Button, radio command, emergency maneuver

MANAGEMENT MODE
Single or centralized command

ACCESSORIES
Weather units and/or sensors

SHUTTERS: weight calculation

Indicative table of weights

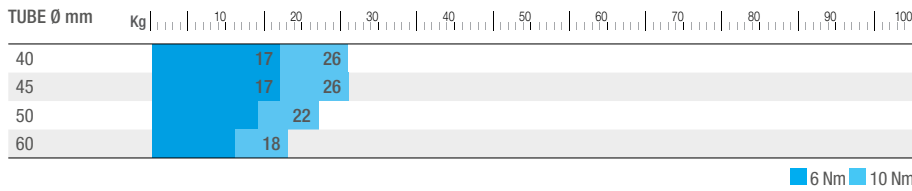
Material	from Kg/m ²	to Kg/m ²
PVC	3	6
ALUMINIUM	4	8
STEEL	10	12
WOOD	10	15

Specific weight of the shutter up to Kg 6 8 10 15

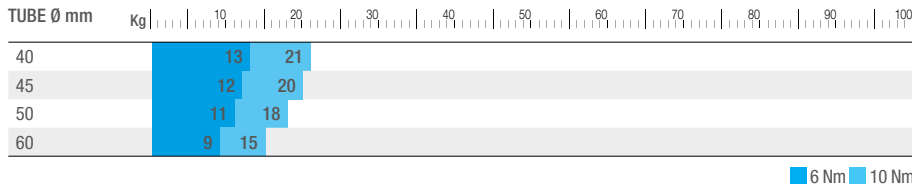
Shutter height (cm)	Shutter width (cm)												
	80	100	120	140	160	180	200	220	240	260	280	300	320
100	4,8	6	7,2	8,4	9,6	10,8	12	13,2	14,4	15,6	16,8	18	19,2
	6,4	8	9,6	11,2	12,8	14,4	16	17,6	19,2	20,8	22,4	24	25,6
	8	10	12	14	16	18	20	22	24	26	28	30	32
	12	15	18	21	24	27	30	33	36	39	42	45	48
120	5,8	7,2	8,6	10,1	11,5	13	14,4	15,8	17,3	18,7	20,2	21,6	23
	7,7	9,6	11,5	13,4	15,4	17,3	19,2	21,1	23	25	26,9	28,8	30,7
	9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8	31,2	33,6	36	38,4
	14,4	18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6
140	6,7	8,4	10,1	11,8	13,4	15,1	16,8	18,5	20,2	21,8	23,5	25,2	26,9
	9	11,2	13,4	15,7	17,9	20,2	22,4	24,6	26,9	29,1	31,4	33,6	35,8
	11,2	14	16,8	19,6	22,4	25,2	28	30,8	33,6	36,4	39,2	42	44,8
	16,8	21	25,2	29,4	33,6	37,8	42	46,2	50,4	54,6	58,8	63	67,2
160	7,7	9,6	11,5	13,4	15,4	17,3	19,2	21,1	23	25	26,9	28,8	30,7
	10,2	12,8	15,4	17,9	20,5	23	25,6	28,2	30,7	33,3	35,8	38,4	41
	12,8	16	19,2	22,4	25,6	28,8	32	35,2	38,4	41,6	44,8	48	51,2
	19,2	24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8
180	8,6	10,8	13	15,1	17,3	19,4	21,6	23,8	25,9	28,1	30,2	32,4	34,6
	11,5	14,4	17,3	20,2	23	25,9	28,8	31,7	34,6	37,4	40,3	43,2	46,1
	14,4	18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6
	21,6	27	32,4	37,8	43,2	48,6	54	59,4	64,8	70,2	75,6	81	86,4
200	9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8	31,2	33,6	36	38,4
	12,8	16	19,2	22,4	25,6	28,8	32	35,2	38,4	41,6	44,8	48	51,2
	16	20	24	28	32	36	40	44	48	52	56	60	64
	24	30	36	42	48	54	60	66	72	78	84	90	96
220	10,6	13,2	15,8	18,5	21,1	23,8	26,4	29	31,7	34,3	37	39,6	42,2
	14,1	17,6	21,1	24,6	28,2	31,7	35,2	38,7	42,2	45,8	49,3	52,8	56,3
	17,6	22	26,4	30,8	35,2	39,6	44	48,4	52,8	57,2	61,6	66	70,4
	26,4	33	39,6	46,2	52,8	59,4	66	72,6	79,2	85,8	92,4	99	105,6
240	11,5	14,4	17,3	20,2	23	25,9	28,8	31,7	34,6	37,4	40,3	43,2	46,1
	15,4	19,2	23	26,9	30,7	34,6	38,4	42,2	46,1	49,9	53,8	57,6	61,4
	19,2	24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8
	28,8	36	43,2	50,4	57,6	64,8	72	79,2	86,4	93,6	100,8	108	115,2
260	12,5	15,6	18,7	21,8	25	28,1	31,2	34,3	37,4	40,6	43,7	46,8	49,9
	16,6	20,8	25	29,1	33,3	37,4	41,6	45,8	49,9	54,1	58,2	62,4	66,6
	20,8	26	31,2	36,4	41,6	46,8	52	57,2	62,4	67,6	72,8	78	83,2
	31,2	39	46,8	54,6	62,4	70,2	78	85,8	93,6	101,4	109,2	117	124,8
280	13,4	16,8	20,2	23,5	26,9	30,2	33,6	37	40,3	43,7	47	50,4	53,8
	17,9	22,4	26,9	31,4	35,8	40,3	44,8	49,3	53,8	58,2	62,7	67,2	71,7
	22,4	28	33,6	39,2	44,8	50,4	56	61,6	67,2	72,8	78,4	84	89,6
	33,6	42	50,4	58,8	67,2	75,6	84	92,4	100,8	109,2	117,6	126	134,4
300	14,4	18	21,6	25,2	28,8	32,4	36	39,6	43,2	46,8	50,4	54	57,6
	19,2	24	28,8	33,6	38,4	43,2	48	52,8	57,6	62,4	67,2	72	76,8
	24	30	36	42	48	54	60	66	72	78	84	90	96
	36	45	54	63	72	81	90	99	108	117	126	135	144
320	15,4	19,2	23	26,9	30,7	34,6	38,4	42,2	46,1	49,9	53,8	57,6	61,4
	20,5	25,6	30,7	35,8	41	46,1	51,2	56,3	61,4	66,6	71,7	76,8	81,9
	25,6	32	38,4	44,8	51,2	57,6	64	70,4	76,8	83,2	89,6	96	102
	38,4	48	57,6	67,2	76,8	86,4	96	105,6	115,2	124,8	134,4	144	153,6
340	16,3	20,4	24,5	28,6	32,6	36,7	40,8	44,9	49	53	57,1	61,2	65,3
	21,8	27,2	32,6	38,1	43,5	49	54,4	59,8	65,3	70,7	76,2	81,6	87
	27,2	34	40,8	47,6	54,4	61,2	68	74,8	81,6	88,4	95,2	102	108,8
	40,8	51	61,2	71,4	81,6	91,8	102	112,2	122,4	132,6	142,8	153	163,2
350	16,8	21	25,2	29,4	33,6	37,8	42	46,2	50,4	54,6	58,8	63	67,2
	22,4	28	33,6	39,2	44,8	50,4	56	61,6	67,2	72,8	78,4	84	89,6
	28	35	42	49	56	63	70	77	84	91	98	105	112
	42	52,5	63	73,5	84	94,5	105	115,5	126	136,5	147	157,5	168

SHUTTERS: load tables

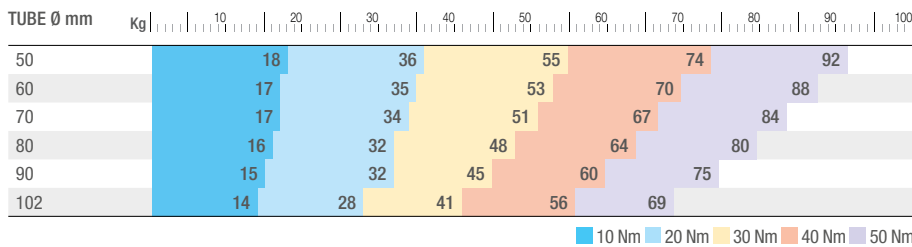
Ø 35 For applying to shutters and rolling shutters up to 1.5 m in height



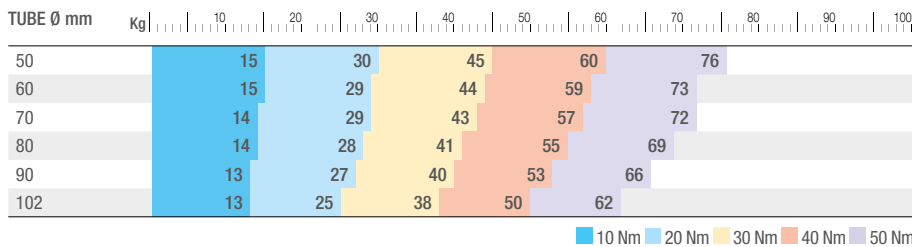
Ø 35 For applying to shutters and rolling shutters up to 2.5 m in height



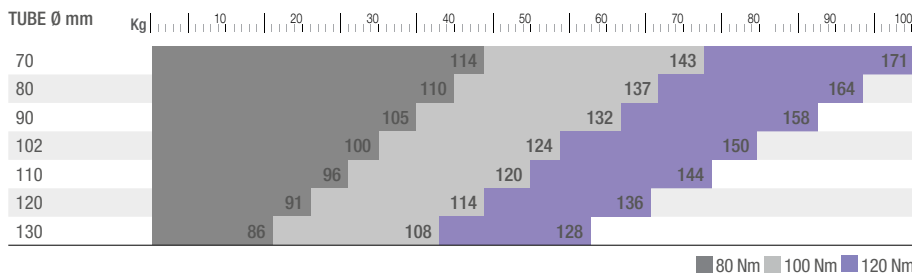
Ø 45 For applying to shutters and rolling shutters up to 1.5 m in height



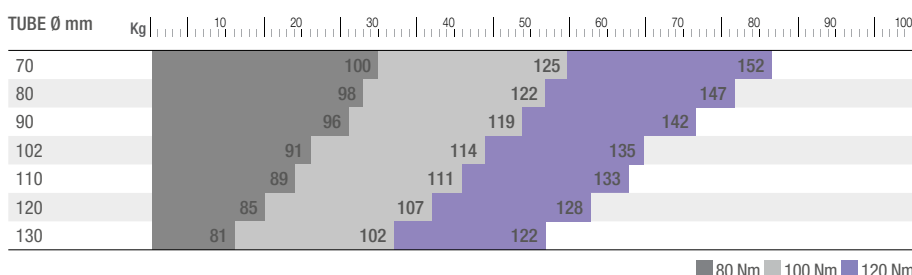
Ø 45 For applying to shutters and rolling shutters up to 2.5 m in height



Ø 55 For applying to shutters and rolling shutters up to 2.5 m in height



Ø 55 For applying to shutters and rolling shutters up to 3.5 m in height



ATTENTION

If using security locks on the shutters, consider that the diameter is increased by a thickness of 20 mm.

(Example: the tubes having diameters Ø 60 and Ø 70 shall be considered as tubes having diameters Ø 80 and Ø 90 respectively). For shutter sizes larger than those discussed here, please contact Came's technical department.

Calculation made for slats up to 14 mm thick and also accounting for friction.

To calculate the shutter's weight, see the table on the previous page

AWNINGS: load tables

AWNING JUTTING OUT 1.5 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	20 Nm	30 Nm	40 Nm	50 Nm	-	-
63 / 70		30 Nm	50 Nm	80 Nm	100 Nm	
78	30 Nm	50 Nm	80 Nm	-	-	-
85	50 Nm	80 Nm	100 Nm	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

AWNING JUTTING OUT 2 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	20 Nm	30 Nm	40 Nm	50 Nm	-	-
63 / 70	30 Nm	40 Nm	50 Nm	80 Nm	100 Nm	120 Nm
78	30 Nm	50 Nm	80 Nm	-	-	-
85	50 Nm	80 Nm	100 Nm	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm

AWNING JUTTING OUT 3.5 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	40 Nm	50 Nm	-	-	-	-
63 / 70	50 Nm	80 Nm	100 Nm	120 Nm	-	-
78	80 Nm	100 Nm	120 Nm	-	-	-
85	100 Nm	120 Nm	-	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm




















































AWNING JUTTING OUT 5 m						
TUBE Ø mm	No. ARMS					
	2	4	6	8	10	12
50	40 Nm	50 Nm	-	-	-	-
63 / 70	50 Nm	80 Nm	100 Nm	120 Nm	-	-
78	80 Nm	100 Nm	120 Nm	-	-	-
85	100 Nm	120 Nm	-	-	-	-

■ 20 Nm
 ■ 30 Nm
 ■ 40 Nm
 ■ 50 Nm
 ■ 80 Nm
 ■ 100 Nm
 ■ 120 Nm



TABLE OF CHARACTERISTICS

TUBE MOTORS	WITH RECEIVER	ELECTRONIC LIMIT-SWITCH
		MECHANICAL LIMIT-SWITCH
	WITHOUT RECEIVER	ELECTRONIC LIMIT-SWITCH
		MECHANICAL LIMIT-SWITCH
ACTUATORS FOR BLINDS		
OPERATORS FOR INTERNAL BLINDS		

DIAMETER	PRODUCT NAME	AWNINGS	SHUTTERS	BLINDS	ROLLING SHUTTERS
25	EDISON B3				
35	KLIMT 4				
45	KLIMT 5				
45	KLIMT AW5				
45	KLIMT SH5				
45	KBS 5				
55	KLIMT 6				
35	MONDRIAN R4				
45	MONDRIAN R5				
45	MONDRIAN QR5				
35	MONDRIAN MR5				
55	MONDRIAN R6				
55	MONDRIAN MR6				
35	ENSOR 4				
45	ENSOR 5				
45	ENSOR SH5				
35	MONDRIAN 4				
45	MONDRIAN 5				
45	MOS 5				
45	MONDRIAN Q5				
45	MATTA 5				
45	MONDRIAN M5				
55	MONDRIAN 6				
55	MONDRIAN M6				
92	MONDRIAN M9				
	PRODUCT NAME	BLINDS	ROLLING SHUTTERS	VENETIAN BLINDS	WITH VERTICAL BANDS
-	VOILÀ				
	PRODUCT NAME	BLINDS	ROLLING SHUTTERS	VENETIAN BLINDS	WITH VERTICAL BANDS
24	VNT				
24	VRT				

TUBE MOTORS

Ø 24-25

Ø 35

Ø 45

Ø 55

Ø 92





Specific operator for indoor venetian blinds

12V DC power supply, with low consumption

Suitable for boxes 25 x 25 mm

- Apparatus in insulation class III
- Side-mounted single output actuator
- Centrally mounted double output actuator
- Obstacle detection with motor protection
- Versions with optional mechanical limit switch or electronic encoder limit switch with built-in receiver



Dimensions (mm)



Technical information

CODE	809YA-0010	809YA-0020	809YA-0030
Torque (Nm)	0,8	0,6	0,6
Rpm speed (turns/min)	45	34	45
Duration of operation (min)	12	12	12
Protection rating (IP)	20	20	20
Absorption (A)	0,83	0,63	0,5
Power (W)	10	8	6
Length (mm) = L1	193	130	105
Weight (Kg)	0,50	0,40	0,40
Package dimensions (mm)	45 x 45 x 220	45 x 45 x 220	45 x 45 x 220



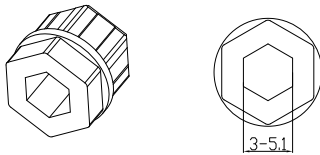
809XA-0010

Mechanical limit switch for hexagonal shaft 5 mm.



809XC-0010

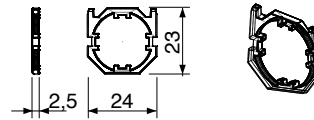
Wire winder for hexagonal shaft 5 mm.



PULLEY

809XC-0020

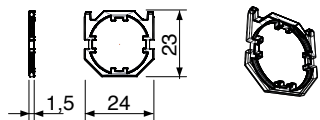
Adapter for hexagonal shaft 5 mm.



PULLEY

809XG-0010

Motor support profile 25 x 25.



PULLEY

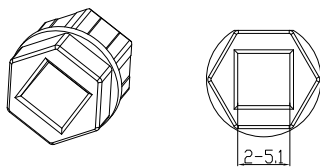
809XG-0020

Motor support profile 25 x 25 thin.



809XC-0030

Wire winder for square shaft 5 mm.



PULLEY

809XC-0040

Adapter for square shaft 5 mm.



809XA-0020

Mechanical limit switch for square shaft 5 mm.



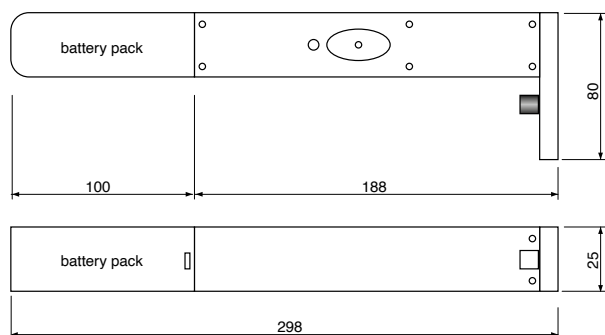
Specific operator for indoor blinds with vertical bands
12V DC power supply, with low consumption
It allows the orientation of the vertical bands

- Apparatus in insulation class III
- Operator equipped with rechargeable and removable battery
- Obstacle detection with motor protection
- Electronic encoder limit switch with built-in receiver

CAME WI p. 102



Dimensions (mm)



Technical information

CODE	809YB-0010
Torque (Nm)	0,15
Rpm speed (turns/min)	15
Duration of operation (min)	12
Protection rating (IP)	40
Absorption (A)	0,83
Power (W)	5
Weight (Kg)	0,50
Package dimensions (mm)	220 x 90 x 30



809XG-0060

5 V DC power supply 2 A output micro USB.



809XG-0070

SOLAR PANEL 400X50mm OUT 5V MICRO USB



12 V DC Encoder-based electronic limit-switch 433.92 MHz radio receiver

- Can function in total wireless mode.
- Compatible with KLT-series transmitters.
- Input power jack and programming button on the head.
- Battery type: lithium ion / 1600 mAh.
- Duration of fully charged battery: 300 cycled (equal to six months of normal use).

CAME WI p. 102



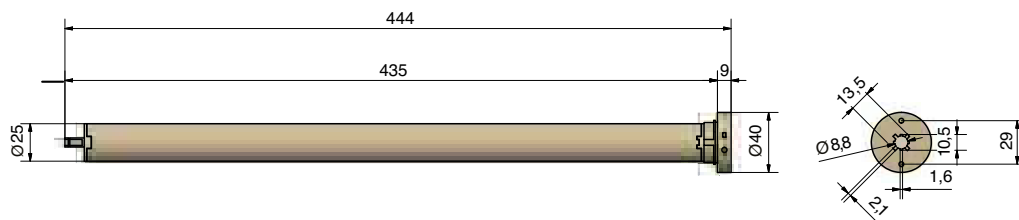
Weather p. 106



Transmitters p. 104



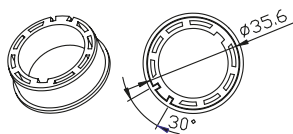
Dimensions (mm)



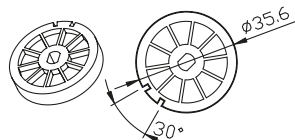
Technical information

CODE	001Y3001C401EDB
Torque (Nm)	1,1
Rpm speed (turns/min)	40
Hoisted weight (Kg)*	5
Duration of operation (min)	10
Protection rating (IP)	44
Absorption (A)	0,87
Power (W)	10
Length (mm) = L1	435
Weight (Kg)	0,40
Package dimensions (mm)	60 x 60 x 490

Can be specially packaged for manufacturers. - * Load calculated for 28 mm roller.



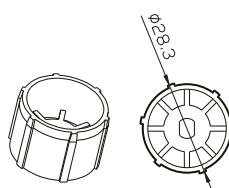
CROWN



ADAPTER

001YK3101

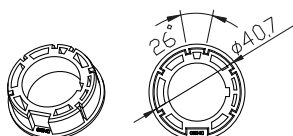
Adapter kit for 40 x 2 mm ring .



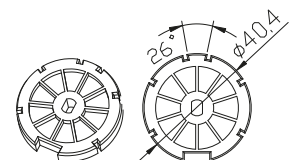
ADAPTER

001YK3102

Adapter kit 28.5 x 0.75 mm ring.



CROWN



ADAPTER

001YK3103

Adapter kit reinforced 43 ring.



809XG-0031

EU battery charger, output 12.6 V DC, 1 A



230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a Ø 40 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A283MO	001Y4010A171MO
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Limit switch revolutions (revolutions)	39	39
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,53	0,53
Power (W)	121	121
Length (mm) = L1	432	432
Weight (Kg)	1,46	1,58
Package dimensions (mm)	540 x 70 x 70	540 x 70 x 70
Weight of packed motor (Kg)	1,7	1,8

CODE**	001Y4006G283MO	001Y4010G171MO
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Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube. - ** Versions with quick-connection system



230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on a 40 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A283MOR	001Y4010A171MOR
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Limit switch revolutions (revolutions)	39	39
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,53	0,53
Power (W)	121	121
Length (mm) = L1	432	432
Weight (Kg)	1,46	1,58
Package dimensions (mm)	540 x 70 x 70	540 x 70 x 70
Weight of packed motor (Kg)	1,7	1,8

Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube. - ** Versions with quick-connection system



230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver

- Can be used on a 40 mm round or octagonal tube.
- Ideal for small blinds or shutters.
- Motor protection in case the winding up action is blocked.
- Easily adjustable limit switch and programming window opening via push button on the motor head.*
- The (partial opening) mid point can be adjusted.

CAME WI p. 102



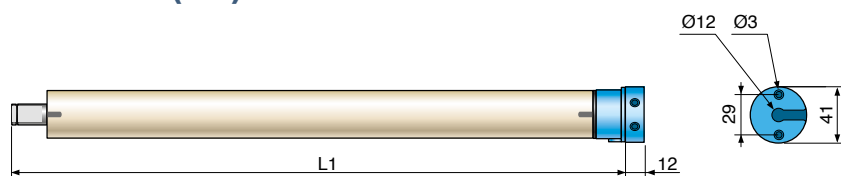
Awning guard p. 106



Transmitters p. 104



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A281KL	001Y4010A171KL
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,63	0,63
Power (W)	144	144
Length (mm) = L1	572	572
Weight (Kg)	1,46	1,58
Package dimensions (mm)	540 x 70 x 70	540 x 70 x 70
CODE**	001Y4006G281KL	001Y4010G171KL

Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube. - ** Versions with quick-connection system



230 V AC - 50 Hz Cabled electronic limit-switch

- Can be used on a 40 mm round or octagonal tube.
- Ideal for small blinds or shutters.
- Motor protection in case the winding up action is blocked.
- Easily adjustable limit switch and programming window opening via push button on the motor head.*
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y4006A281EN	001Y4010A171EN
Torque (Nm)	6	10
Rpm speed (turns/min)	28	17
Hoisted weight (Kg)*	17	28
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,63	0,63
Power (W)	144	144
Length (mm) = L1	578	578
Weight (Kg)	1,64	1,76
Package dimensions (mm)	630 x 70 x 70	630 x 70 x 70
Weight of packed motor (Kg)	1,9	2

Can be specially packaged for manufacturers. - * Load calculated for a 40 mm tube. - ** Versions with quick-connection system

MECHANICAL ACCESSORIES - Ø 35

Circular adapters Ø 35 mm

PULLEY

001YK4102
Ring 40 x 2 mm.

CROWN PULLEY

001YK4104
40 x 1 mm Round piece, rubber pulley.

CROWN PULLEY

001YK4105
50 x 2 mm Round piece.

CROWN PULLEY

001YK4106
Ring 50 x 1.5 mm.

CROWN PULLEY

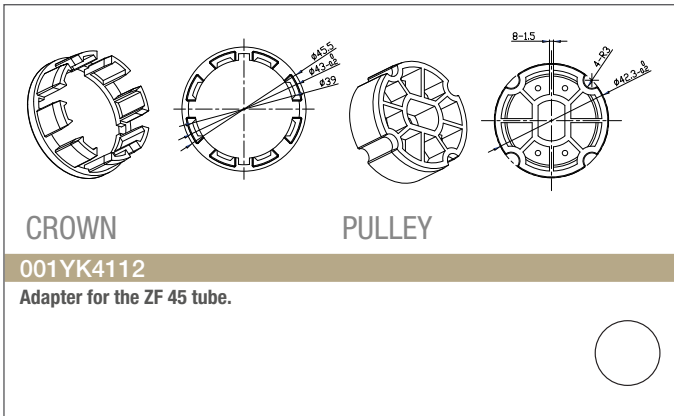
001YK4107
40 x 1 mm round piece, plastic pulley.

CROWN PULLEY

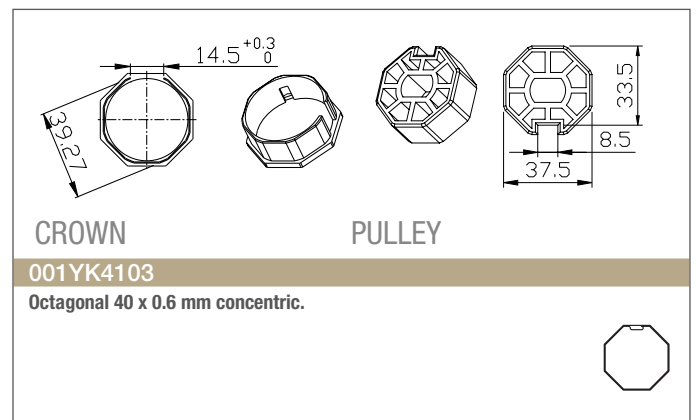
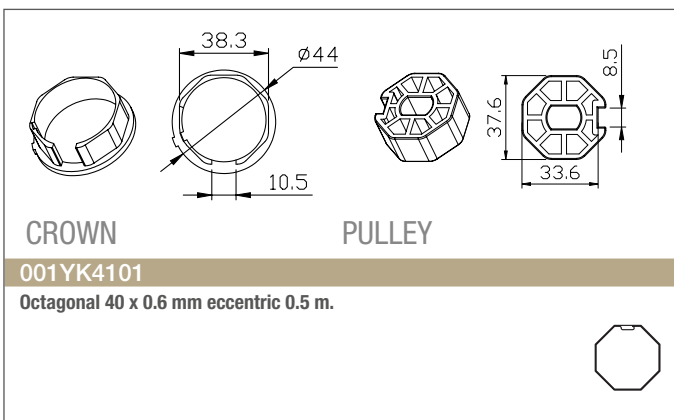
001YK4108
Ring 61 mm reinforced 7 mm with key.

CROWN PULLEY

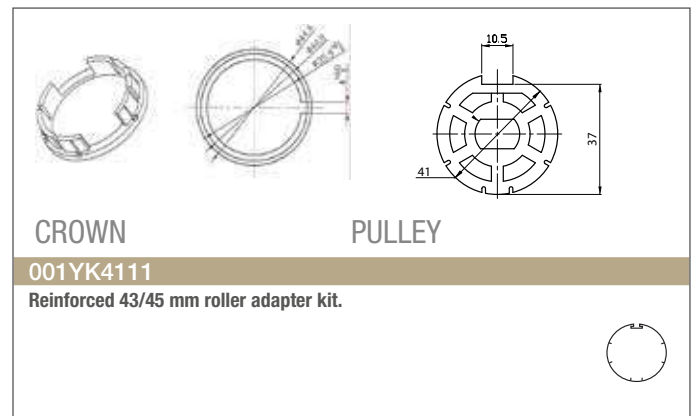
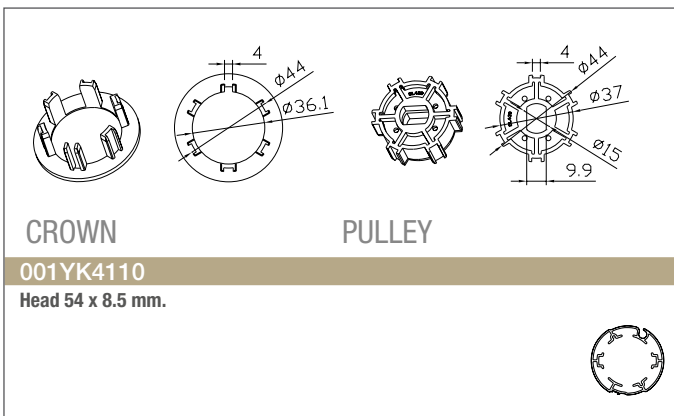
001YK4109
Ring 54 x 3.5 mm.



Octagonal adapters Ø 35 mm

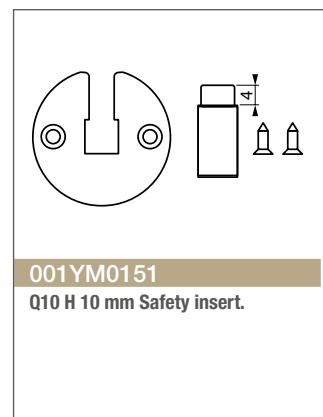
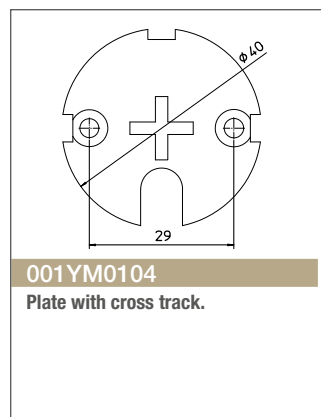
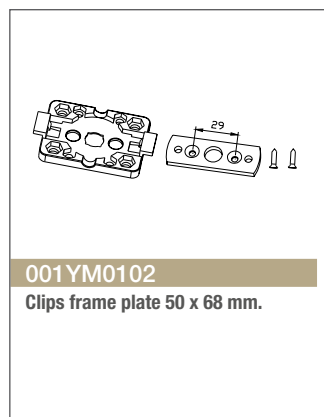
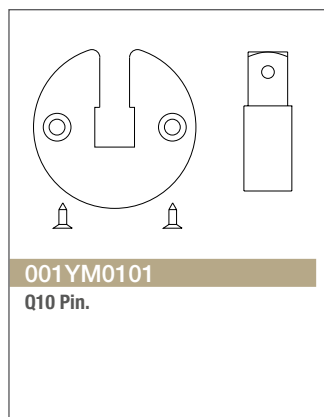


Head adapters Ø 35 mm



MECHANICAL ACCESSORIES - Ø 35

Ø 35 mm Braces



Extension for motors with quick-connection system

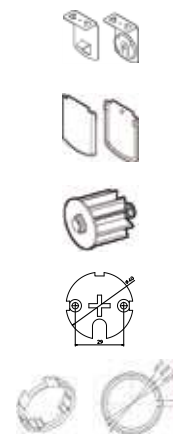


COMPLETE KIT H 40 MM - ROLLER Ø 43 MM - WHITE

001UY9990



009BLDA35142106	Pair of braces H 40 mm.	1
009BLDA35146295	Pair of covers for braces H 40 mm.	1
009BLDA35225105	Cap with pin.	1
001YM0104	Plate with cross track.	1
001YK4111	Reinforced 43/45 mm roller adapter kit.	1

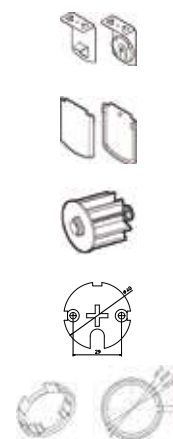


COMPLETE KIT H 55 MM - ROLLER Ø 43 MM - WHITE

001UY9991



009BLDA35152105	Pair of braces H 55 mm.	1
009BLDA35156295	Pair of covers for braces H 55 mm.	1
009BLDA35225105	Cap with pin.	1
001YM0104	Plate with cross track.	1
001YK4111	Reinforced 43/45 mm roller adapter kit.	1

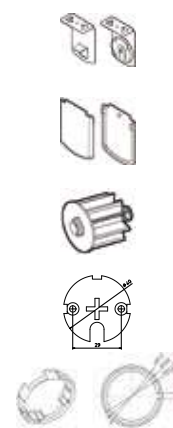


COMPLETE KIT H 70 MM - ROLLER Ø 43 MM - WHITE

001UY9994



009BLDA35172105	Pair of braces H 70 mm.	1
009BLDA35176395	Pair of covers for braces H 70 mm.	1
009BLDA35225105	Cap with pin.	1
001YM0104	Plate with cross track.	1
001YK4111	Reinforced 43/45 mm roller adapter kit.	1



Note: aluminum tubes and motors not included in the kit. Available separately.

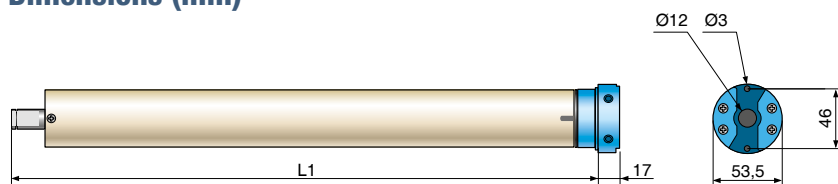


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Head also compatible with standard mounts on the market.



Dimensions (mm)



Cabling



Technical information

CODE	809Y5-0110	809Y5-0120	809Y5-0130	809Y5-0140	809Y5-0150
Torque (Nm)	10	20	30	40	50
Rpm speed (turns/min)	15	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44
Absorption (A)	0,49	0,64	0,83	0,86	0,89
Power (W)	113	161	191	198	205
Length (mm) = L1	453	453	523	523	523
Weight (Kg)	1,88	2,05	2,31	2,44	2,6
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80	585 x 80 x 80	585 x 80 x 80	585 x 80 x 80
Weight of packed motor (Kg)	2,05	2,25	2,5	2,65	2,8





809XG-0040

Safety insert Q10 for motors with star-shaped head up to 30 Nm.



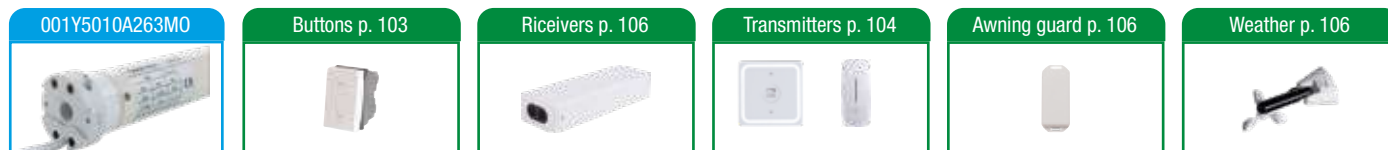
809XG-0050

Quick coupling for star-shaped head motors up to 30 Nm.



230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A263MO	001Y5010A151MO	001Y5020A151MO	001Y5030A151MO	001Y5040A151MO	001Y5050A121MO
Torque (Nm)	10	10	20	30	40	50
Rpm speed (turns/min)	26	15	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,64	0,49	0,64	0,83	0,86	0,89
Power (W)	145	113	161	200	198	205
Length (mm) = L1	453	453	453	523	523	523
Weight (Kg)	2,5	1,88	2,05	2,31	2,44	2,6
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80	518 x 80 x 80	585 x 80 x 80	585 x 80 x 80	585 x 80 x 80
Weight of packed motor (Kg)	2,68	2,05	2,25	2,5	2,65	2,8



CODE** 001Y5010G151MO 001Y5020G151MO 001Y5030G151MO

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube. - ** Versions with quick-connection system



230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.



001Y5010A263MOR



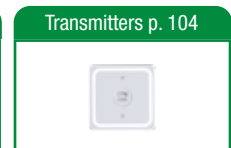
CAME WI p. 102



Awning guard p. 106

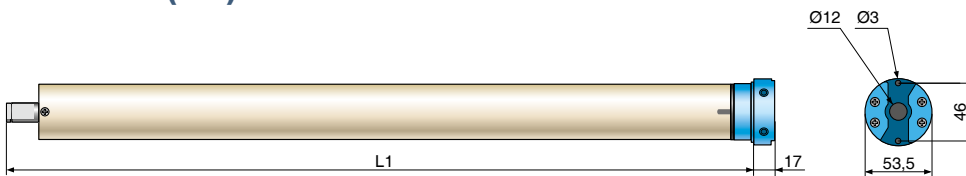


Weather p. 106



Transmitters p. 104

Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND

3 x 0.75 mm²

Technical information

CODE	001Y5010A263MOR	001Y5010A151MOR	001Y5020A151MOR	001Y5030A151MOR	001Y5040A151MOR	001Y5050A121MOR
Torque (Nm)	10	10	20	30	40	50
Rpm speed (turns/min)	26	15	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Limit switch revolutions (revolutions)	22	22	22	22	22	22
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,64	0,49	0,64	0,83	0,86	0,89
Power (W)	145	113	161	200	198	205
Length (mm) = L1	593	593	593	623	623	623
Weight (Kg)	2,79	2,17	2,34	2,6	2,73	2,89
Package dimensions (mm)	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90	685 x 90 x 90
Weight of packed motor (Kg)	3,09	2,47	2,64	2,9	3,03	3,19

CODE**

001Y5010G151MOR

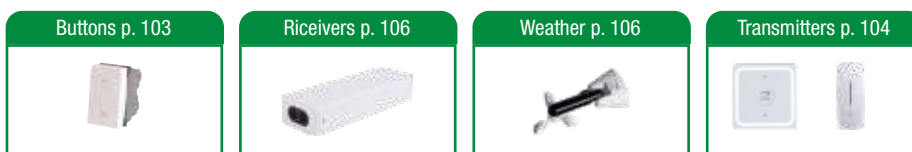
001Y5020G151MOR

001Y5030G151MOR

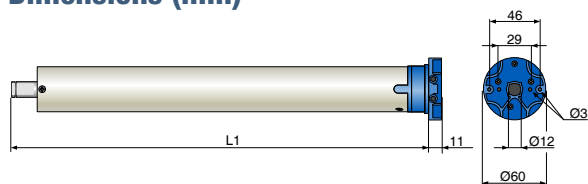


230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver Short motor

- Can be used on a 50 mm round or octagonal tube
- Especially suited when applied onto smaller blinds or shutters.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Double center distance to facilitate anchoring using a vast array of support types.
- Holes on the head at 29 mm and at 46 mm.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A151MA	001Y5020A151MA
Torque (Nm)	10	20
Rpm speed (turns/min)	15	15
Hoisted weight (Kg)*	18	36
Limit switch revolutions (revolutions)	16	16
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	0,49	0,64
Power (W)	112	145
Length (mm) = L1	340	355
Weight (Kg)	1,4	1,55
Package dimensions (mm)	518 x 80 x 80	518 x 80 x 80
Weight of packed motor (Kg)	1,65	1,9

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver SILENT

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Special silent action.
- Universal head for applying on any anchoring plate.

Buttons p. 103



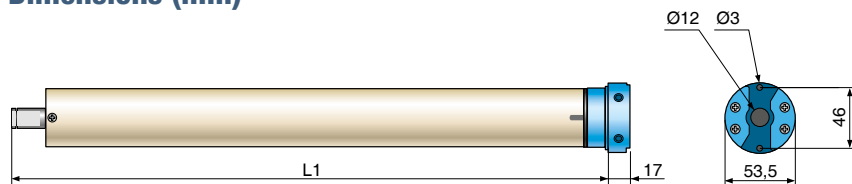
Receivers p. 106



Transmitters p. 104



Dimensions (mm)



Cabling

2.5 m



4 x 0.75 mm²

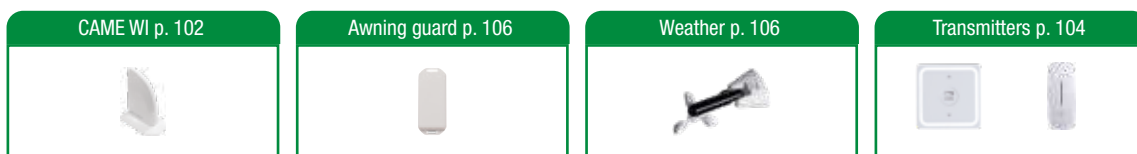
Technical information

CODE	001Y5010A171M0Q
Torque (Nm)	10
Rpm speed (turns/min)	17
Hoisted weight (Kg)*	18
Limit switch revolutions (revolutions)	22
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	0,53
Power (W)	121
Length (mm) = L1	643
Weight (Kg)	3
Package dimensions (mm)	710 x 80 x 80
Weight of packed motor (Kg)	3,3

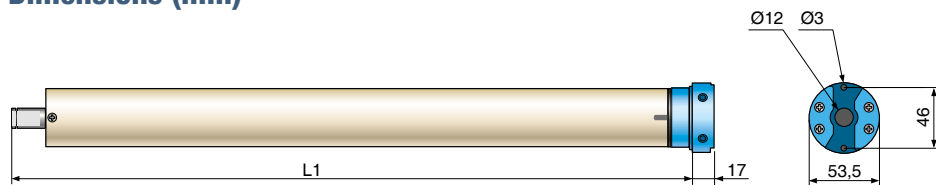


230 V AC - 50 Hz
Mechanical limit switch
433.92 MHz radio receiver
SILENT

- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Special silent action.
- Universal head for applying on any anchoring plate.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A171MQR
Torque (Nm)	10
Rpm speed (turns/min)	17
Hoisted weight (Kg)*	19
Limit switch revolutions (revolutions)	22
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	0,53
Power (W)	121
Length (mm) = L1	803
Weight (Kg)	3,1
Package dimensions (mm)	860 x 90 x 90
Weight of packed motor (Kg)	3,5

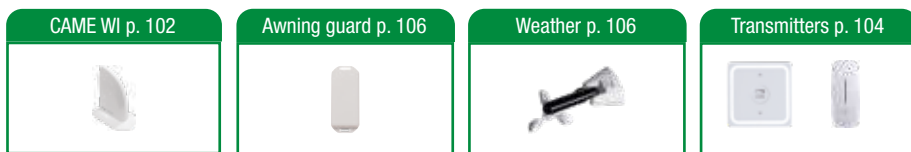
Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver



- Can be used on a 50 mm round or octagonal tube
- Ideal for small awning boxes.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.



Dimensions (mm)



Cabling



Technical information

CODE	001Y5010A151KL	001Y5010A261KL	001Y5020A151KL	001Y5030A151KL	001Y5040A151KL	001Y5050A121KL
Torque (Nm)	10	10	20	30	40	50
Rpm speed (turns/min)	15	26	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,48	0,69	0,69	0,87	0,95	0,99
Power (W)	113	161	161	200	218	228
Length (mm) = L1	594	594	594	624	624	624
Weight (Kg)	1,88	2,12	2,07	2,4	2,76	2,76
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	660 x 80 x 80	660 x 80 x 80	660 x 80 x 80	660 x 80 x 80
Weight of packed motor (Kg)	2,1	2,4	2,3	2,7	3	3

CODE**	001Y5010G151KL	001Y5020G151KL	001Y5030G151KL
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Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube. - ** Versions with quick-connection system



230 V AC - 50 Hz Cabled electronic limit-switch

- Can be used on a 50 mm round or octagonal tube
- Motor protection in case the winding up action is blocked.
- Easily adjustable limit switch and opening programming window via button located on the motor head.
- Universal head for applying on any anchoring plate.



Buttons p. 103



Programming p. 102



Dimensions (mm)



Cabling

2.5 m



5 x 0.75 mm²

Technical information

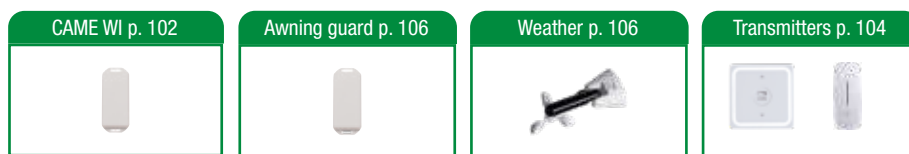
CODE	001Y5010A151EN	001Y5020A151EN	001Y5030A151EN	001Y5040A121EN
Torque (Nm)	10	20	30	40
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,48	0,69	0,87	0,99
Power (W)	113	161	200	228
Length (mm) = L1	604	604	654	654
Weight (Kg)	2,21	2,29	2,6	2,7
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,47	2,64	3,0	3,1

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz
Electronic limit switch
433.92 MHz radio receiver
Releases fabric when closing
Can activate fabric tensioning while opening

- Special model for boxed awnings
- Can be used on Ø 60 mm tube.
- Ideal for small boxes
- Universal head for applying any type of fastening plate
- Adjustable midway limit-switch (partial opening)



Dimensions (mm)



Cabling



Technical information

CODE	001Y5020A151KLA	001Y5030A151KLA	001Y5040A151KLA	001Y5050A121KLA
Torque (Nm)	20	30	40	50
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	36	55	74	92
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,69	0,87	0,95	0,99
Power (W)	161	200	218	228
Length (mm) = L1	594	624	624	624
Weight (Kg)	2,07	2,4	2,76	2,76
Package dimensions (mm)	710 x 80 x 80	710 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,3	2,7	3	3

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver



- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:24

Buttons p. 103



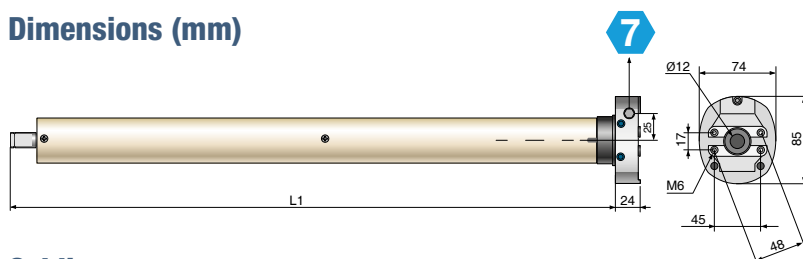
Weather p. 106



Manual maneuver p. 75



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
PHASE
GROUND

4 x 0.75 mm²

Technical information

CODE	001Y5020A151MOM	001Y5030A151MOM	001Y5040A151MOM	001Y5050A121MOM
Torque (Nm)	20	30	40	50
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	36	55	74	92
Limit switch revolutions (revolutions)	23	23	23	23
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,64	0,83	0,86	0,89
Power (W)	145	191	198	205
Length (mm) = L1	526	586	586	586
Weight (Kg)	2,4	2,85	3,16	3,32
Package dimensions (mm)	650 x 120 x 120	650 x 120 x 120	650 x 120 x 120	650 x 120 x 120
Weight of packed motor (Kg)	2,8	3,2	3,46	3,62

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.



230 V AC - 50 Hz
Mechanical limit switch
Built-in emergency maneuver
433.92 MHz radio receiver



- Can be used on a 50 mm round or octagonal tube
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:24.

CAME WI p. 102



Awning guard p. 106



Weather p. 106



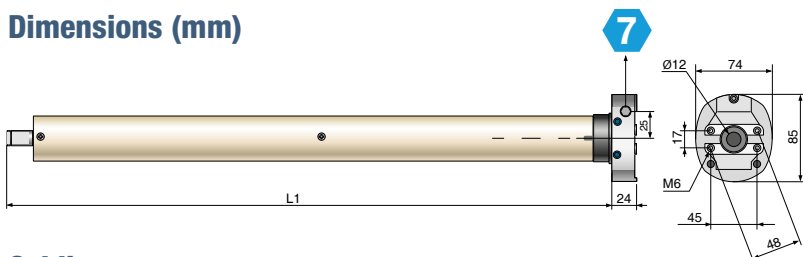
Transmitters p. 104



Manual maneuver p. 75



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND

3 x 0.75 mm²

Technical information

CODE	001Y5020A151MOMR	001Y5030A151MOMR	001Y5040A151MOMR	001Y5050A121MOMR
Torque (Nm)	20	30	40	50
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	36	55	74	92
Limit switch revolutions (revolutions)	23	23	23	23
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,65	0,83	0,86	0,89
Power (W)	145	191	198	205
Length (mm) = L1	696	756	756	756
Weight (Kg)	2,75	3,2	3,5	3,5
Package dimensions (mm)	810 x 120 x 120	810 x 120 x 120	810 x 120 x 120	810 x 120 x 120
Weight of packed motor (Kg)	3,15	3,6	3,9	3,9

MECHANICAL ACCESSORIES - Ø 45

Octagonal adapters Ø 45 mm

CROWN **PULLEY**

001YK5101
Octagonal 59 x 0.6 mm.

CROWN **PULLEY**

001YK5102
Octagonal 60 x 0.8 mm.

CROWN **PULLEY**

001YK5104
Octagonal 59 x 0.7 mm.

CROWN **PULLEY**

001YK5105
Octagonal 70 x 1.2 mm.

CROWN **PULLEY**

001YK5108
Octagonal 52 x 0.6 mm, eccentric 0,6 mm.

CROWN **PULLEY**

001YK5110
Set of 50/OCT. adapters 60. Bonfanti star print.

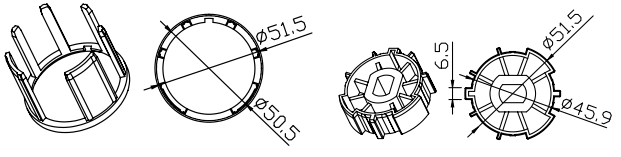
Circular adapters Ø 45 mm

PULLEY

001YK5107
Ring 50 x 1.5 mm.


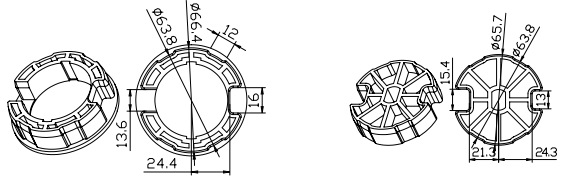
CROWN **PULLEY**

001YK5112
64 x 1 mm Z.F. round piece




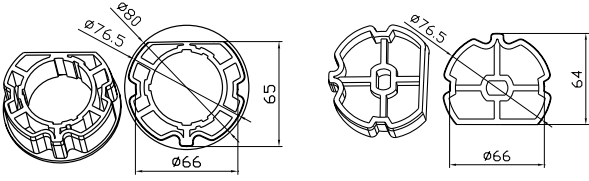
CROWN **PULLEY**

001YK5116
Ring Z.F. 54 x 0.5 mm.


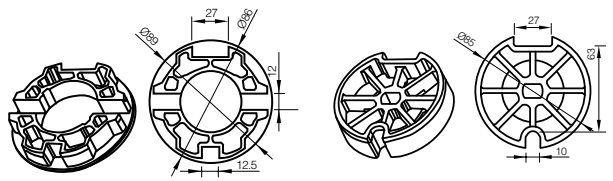
CROWN **PULLEY**

001YK5120
Ring 70 x 1.5 mm.


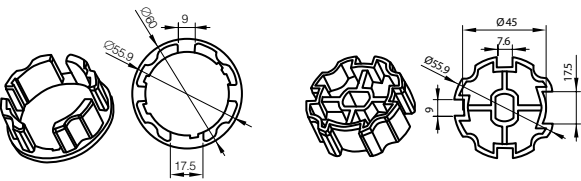
CROWN **PULLEY**

001YK5123
80 x 1 mm Z.F. Round piece.


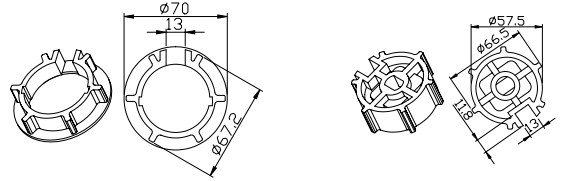
CROWN **PULLEY**

001YK5127
89 x 1 mm DEPRAT Round piece


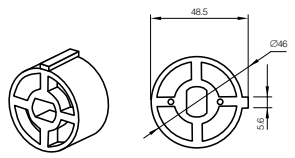
CROWN **PULLEY**

001YK5128
Ring 58 x 0.8 mm.


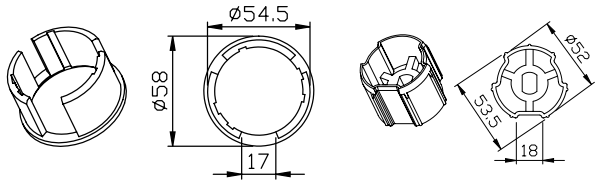
CROWN **PULLEY**

001YK5129
Ring 71 x 1.5 mm, eccentric 2 mm.


PULLEY

001YK5131
Ring 50 x 1.5 mm SOPROFEN with S key.

CROWN **PULLEY**

001YK5132
Ring 57 x 1.5 mm



MECHANICAL ACCESSORIES - Ø 45

CROWN

001YK5133
Ring 101.9 x 3.5 mm.

CROWN

001YK5134
53 x 0.6 mm DEPRAT round piece

CROWN

001YK5140
Reinforced tube 56 x 4.5 mm.

CROWN

001YK5141
Grooved tube 53 x 3.5 mm.

Head adapters Ø 45 mm

CROWN

001YK5103
70 x 1 mm Ogive.

CROWN

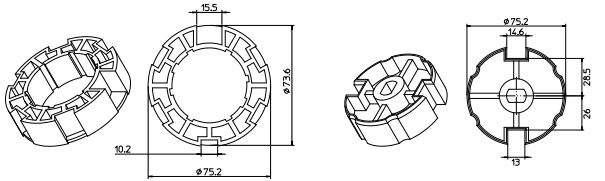
001YK5106
Head 78 x 1.2 mm.

CROWN

001YK5111
Head 85 x 1.2 mm.


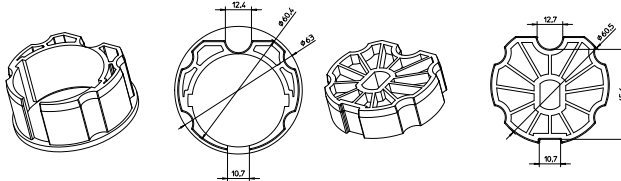
CROWN

001YK5115
DEPRAT Head 62 x 0.6 mm.




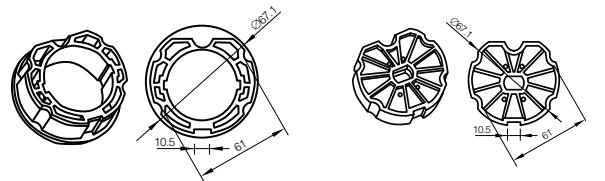
CROWN **PULLEY**

001YK5135
Head 78 x 1.5 mm, housing 13 x 13 mm.


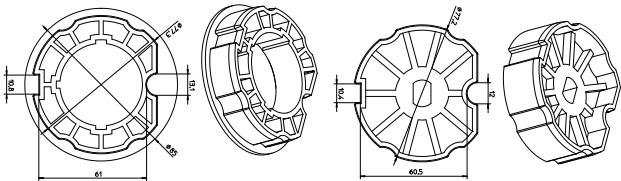
CROWN **PULLEY**

001YK5137
63 mm tilted ogive.


CROWN **PULLEY**

001YK5138
70 mm tilted ogive.

CROWN **PULLEY**

001YK5139
80 mm tilted ogive.



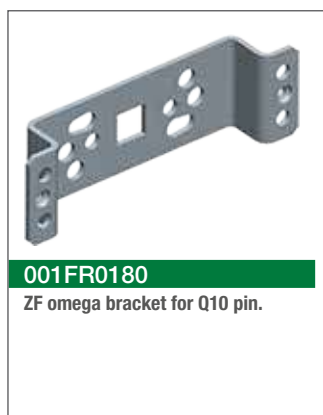
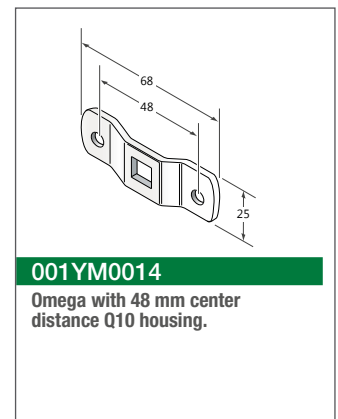
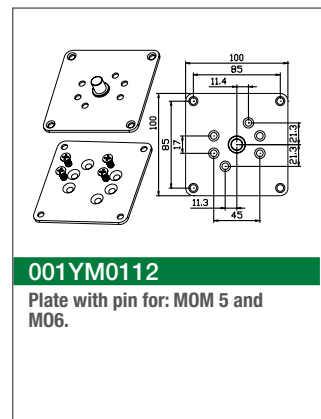
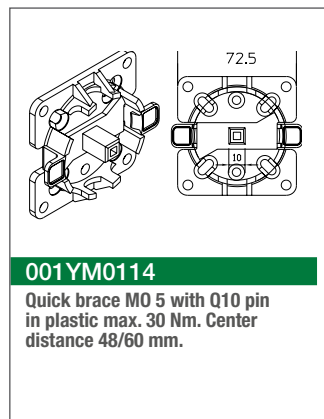
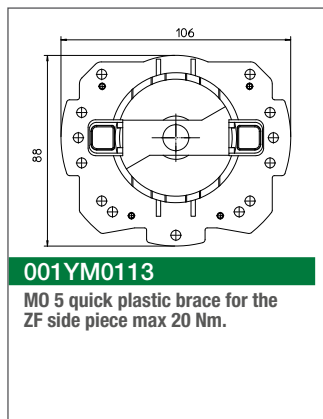
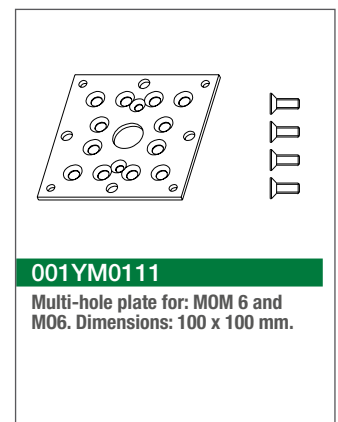
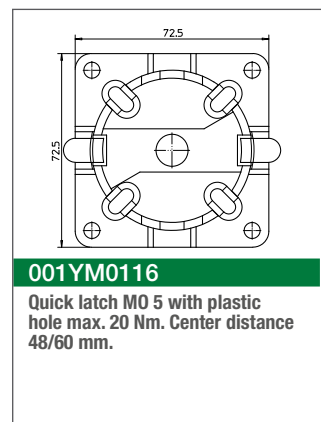
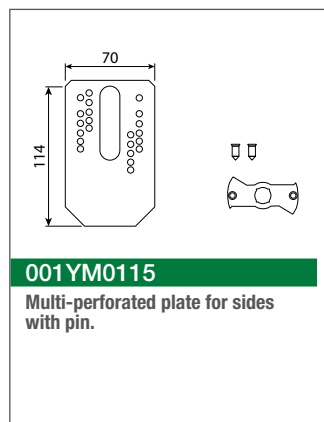
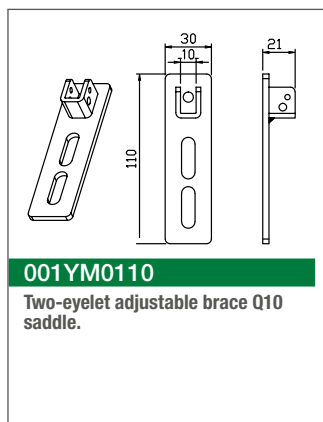
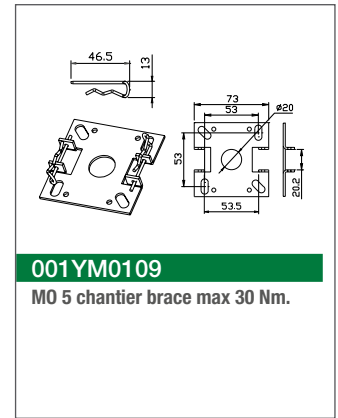
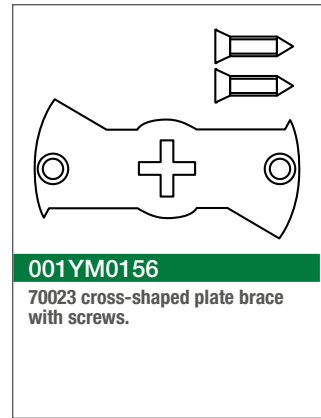
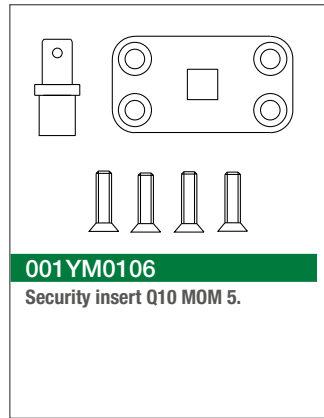
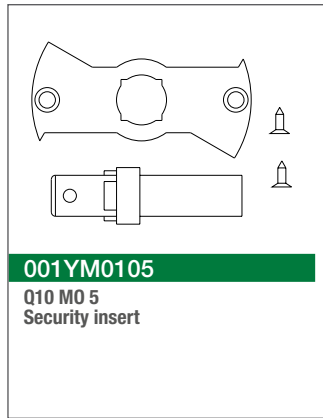
5 SERIES UNIVERSAL ADAPTER KIT

001U-Y0040	001YK5116	Ring Z.F. 54 x 0.5 mm.	1
	001YK5112	64 x 1 mm Z.F. round piece	1
	001YK5101	Octagonal 59 x 0.6 mm.	1
	001YK5134	53 x 0.6 mm DEPRAT round piece	1
	001YK5115	DEPRAT Head 62 x 0.6 mm.	1

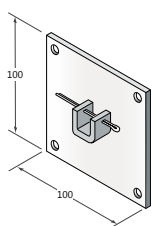
* Availability is limited to specific markets.

MECHANICAL ACCESSORIES - Ø 45

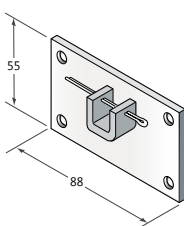
Ø 45 mm Braces



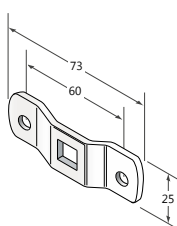
* Availability is limited to specific markets.



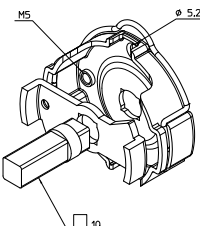
001YM0018
100 x 100 mm brace with Q10 saddle.



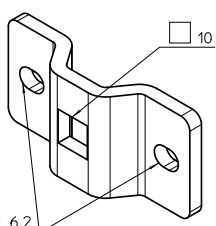
001YM0004
88 x 55 mm brace with Q10 saddle.



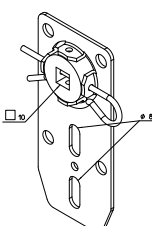
001YM0011
Omega with 60 mm center distance Q10 housing.



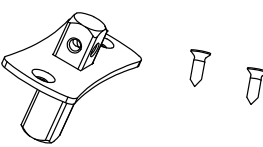
001YM0127
Iron brace for the MO 5.



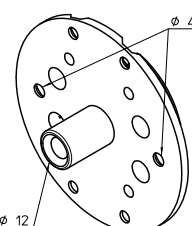
001YM0137
OMEGA Q10 center distance 44-48 mm.



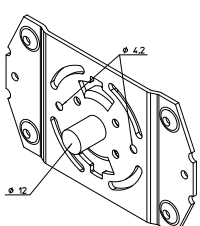
001YM0140
Adjustable brace with bushing for Q10.



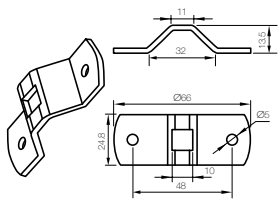
001YM0145
Q10 pin especially made for the MATTA 5 tube motor.



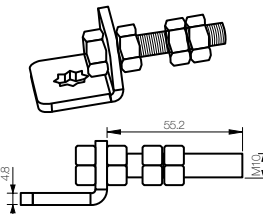
001YM0138
Brace for traditional bracket.



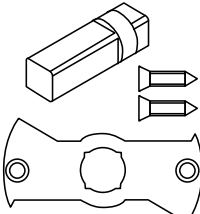
001YM0139
Brace for KOMMERLING side piece.



001YM0153
Omega with D5 mm holes and 48 mm center distance Q10 housing.

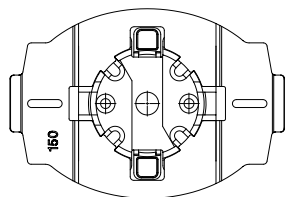


001YM0146
M10 screw brace with size 10 star housing.



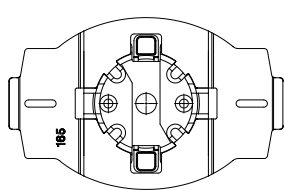
001YM0152
Q10 H4 mm Square-pin safety insert.

MECHANICAL ACCESSORIES - Ø 45



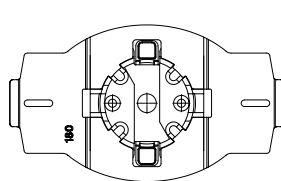
001YM0147

Snap-in awning-box blade for 150 mm sides.



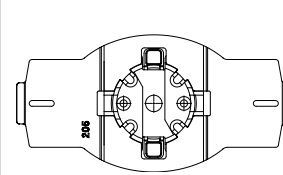
001YM0148

Snap-in awning-box blade for 165 mm sides.



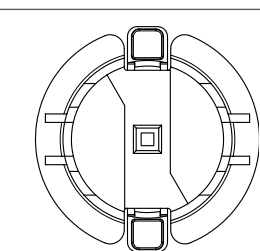
001YM0149

Snap-in awning-box blade for 180 mm sides.



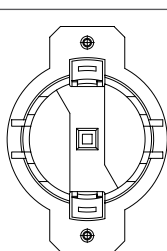
001YM0150

Snap-in box blade for 205 mm sides.



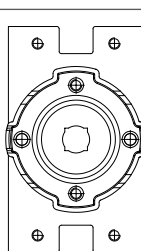
001YM0157

Brace for Coffrelite box.



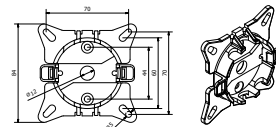
001YM0158

Brace for Edilcasse box.



001YM0159

Quick steel-brace with plate.



001YM0163

Quick brace with center distance q. 70.

5 SERIES UNIVERSAL SUPPORT KIT

	001YM0105	Q10 MO 5 Security insert	1
	001YM0137	OMEGA Q10 center distance 44-48 mm.	1
	001YM0109	MO 5 chantier brace max 30 Nm.	1
001U-Y0041	001YM0113	MO 5 quick plastic brace for the ZF side piece max 20 Nm.	1
	001YM0114	Quick brace MO 5 with Q10 pin in plastic max. 30 Nm. Center distance 48/60 mm.	1
	001YM0112	Plate with pin for: MOM 5 and M06.	1
	001YM0145	Q10 pin especially made for the MATTA 5 tube motor.	1

* Availability is limited to specific markets.

Rods joints and eyelets



001YM0038
1500 mm White jointed rod with hook.



001YM0040
45 universal joint with 7mm hexagonal eyelet.



001YM0045
Eyelet with 7 mm hexagonal rod.



001YM0050
90 universal joint with 7 mm hexagonal rod.

Extension for motors with quick-connection system



001YE0153
PVC extension 3 wires with quick connector. L = 3 m.



001YE0154
PVC extension 3 wires with quick connector. L = 7 m.



001YE0155
PVC extension 3 wires with quick connector. L = 10 m.



001YE0156
PVC extension 4 wires with quick connector. L = 3 m.



001YE0157
PVC extension 4 wires with quick connector. L = 7 m.



001YE0158
PVC extension 4 wires with quick connector. L = 10 m.

INDOOR WINDING AWNING KIT

COMPLETE KIT H 80 MM - ROLLER Ø 56 MM - WHITE

001UY9992



009BLDA37805305	Universal brace 56/80 mm.	2	
009BLDA37805405	Cover for 56/80 mm universal brace.	2	
009BLDA37805005	Cap rest.	1	
009BLDA37805200	Motor brace.	1	
009BLDA37810005	Cap with pin.	1	
009BLDA37805105	Cap adapter.	1	
001YM0156	70023 cross-shaped plate brace with screws.	1	
001YK5140	Reinforced tube 56 x 4.5 mm.	1	

COMPLETE KIT H 70 MM - ROLLER Ø 56 MM - WHITE

001UY9995



009BLDA35172105	Pair of braces H 70 mm.	1	
009BLDA35176395	Pair of covers for braces H 70 mm.	1	
009BLDA35225105	Cap with pin.	1	
009BLDA37805105	Cap adapter.	1	
001YM0156	70023 cross-shaped plate brace with screws.	1	
001YK5140	Reinforced tube 56 x 4.5 mm.	1	

COMPLETE KIT - ROLLER Ø 58 MM - WHITE

001YM0107



119ES-58MAV	Pair of white plastic braces.	1	
119T70027	Snap-in white plastic motor-side brace.	1	
119T70029	Adapter wheel for Ø 58 mm roller-tube.	1	



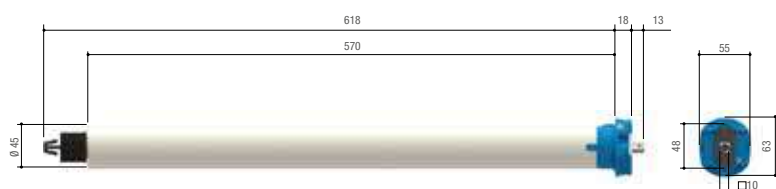
230 V AC - 50 Hz Electronic limit switch 869.50 MHz radio receiver Obstruction detectors in both directions

- Designed to connect to the Cloud, via Came Connect, using the 842EC-0020 gateway.
- Specially for shutters.
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Invert direction of travel, if obstructions is found, when descending.
- FULL AUTOMATIC SETTING up to 20 Nm.

Buttons p. 103



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND
BUTTON
BUTTON

5 x 0.75 mm²

Technical information

CODE	809Y5-0010	809Y5-0020	809Y5-0030	809Y5-0040	809Y5-0050
Torque (Nm)	10 **	20	30	40	50
Rpm speed (turns/min)	15	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74	92
Duration of operation (min)	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44
Absorption (A)	0,48	0,69	0,87	0,99	0,99
Power (W)	113	161	200	228	228
Length (mm) = L1	604	604	654	654	654
Weight (Kg)	2,21	2,29	2,6	2,7	2,85
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	710 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,47	2,64	3,0	3,1	3,25

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube. - ** Versions with quick-connection system

**809XG-0040**

Safety insert Q10 for motors with star-shaped head up to 30 Nm.

**809XG-0050**

Quick coupling for star-shaped head motors up to 30 Nm.

**809XC-0050**

Portable 869.50 MHz transmitter, 15 channels, white.



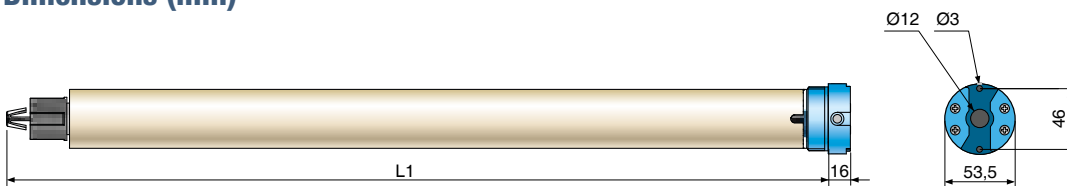
230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver Obstruction detectors in both directions

- Special for shutters
- Universal head for applying on any anchoring plate.
- The (partial opening) mid point can be adjusted.
- The cabled button can be linked to the step-step command.
- Inversion of travel direction, in case of obstruction, when descending.
- FULL AUTOMATIC SETTING up to 20

Transmitters p. 104



Dimensions (mm)



Cabling

2.5 m



5 x 0.75 mm²



Detail of the exit shaft



Special pulley

Technical information

CODE	001Y5010A151KLS	001Y5010A261KLS	001Y5020A151KLS	001Y5030A151KLS	001Y5040A151KLS	001Y5050A121KLS
Torque (Nm)	10 **	10 **	20	30	40	50
Rpm speed (turns/min)	15	26	15	15	15	12
Hoisted weight (Kg)*	18	18	36	55	74	92
Duration of operation (min)	4	4	4	4	4	4
Protection rating (IP)	44	44	44	44	44	44
Absorption (A)	0,48	0,69	0,69	0,87	0,99	0,99
Power (W)	113	161	161	200	228	228
Length (mm) = L1	604	604	604	654	654	654
Weight (Kg)	2,21	2,36	2,29	2,6	2,7	2,85
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	660 x 80 x 80	710 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,47	2,71	2,64	3,0	3,1	3,25

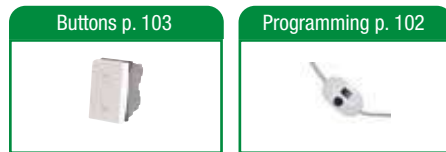
CODE**	001Y5010G151KLS	001Y5020G151KLS	001Y5030G151KLS
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Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube. - ** Versions with quick-connection system

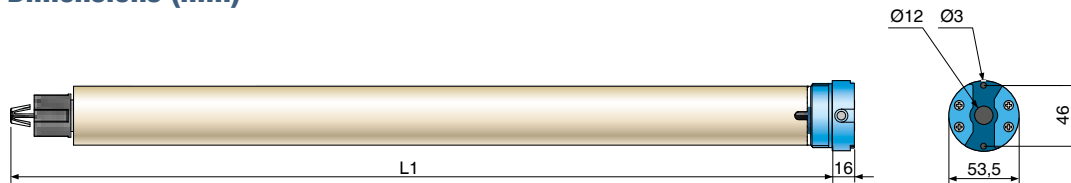


230 V AC - 50 Hz Cabled electronic limit-switch Obstruction detectors in both directions

- Special for shutters
- Universal head for applying on any anchoring plate.
- Inverts the both travel directions if the obstruction detection is activated.
- FULL AUTOMATIC SETTING up to 20 Nm.



Dimensions (mm)



Cabling



Detail of the exit shaft



Special pulley

Technical information

CODE	001Y5010A152ENS	001Y5020A152ENS	001Y5030A151ENS	001Y5040A122ENS
Torque (Nm)	10	20	30	40
Rpm speed (turns/min)	15	15	15	12
Hoisted weight (Kg)*	18	36	55	74
Duration of operation (min)	4	4	4	4
Protection rating (IP)	44	44	44	44
Absorption (A)	0,48	0,69	0,87	0,99
Power (W)	113	161	200	228
Length (mm) = L1	604	604	654	654
Weight (Kg)	2,21	2,29	2,6	2,7
Package dimensions (mm)	660 x 80 x 80	660 x 80 x 80	710 x 80 x 80	710 x 80 x 80
Weight of packed motor (Kg)	2,47	2,64	3,0	3,1

Can be specially packaged for manufacturers. - * Calculated load for 50 mm winder tube.

ACCESSORIES FOR SPECIAL SH VERSIONS - Ø 45

Adapters for SH Ø 45 versions

CROWN **PULLEY**

001YK5104S
Octagonal 59 x 0.7 mm SHUTTER.

CROWN **PULLEY**

001YK5105S
70 mm Octagonal SHUTTER.

CROWN **PULLEY**

001YK5112S
ZF64 SHUTTER.

CROWN **PULLEY**

001YK5115S
DEPRAT 62 SHUTTER.

CROWN **PULLEY**

001YK5116S
ZF54 SHUTTER.

CROWN **PULLEY**

001YK5134S
DEPRAT 53 SHUTTER.

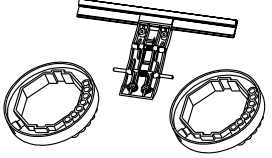
Extension for motors with quick-connection system

001YE0159
PVC extension 5 wires with quick connector. L = 3 m.

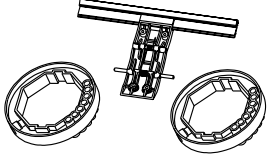
001YE0160
PVC extension 5 wires with quick connector. L = 7 m.

001YE0161
PVC extension 5 wires with quick connector. L = 10 m.

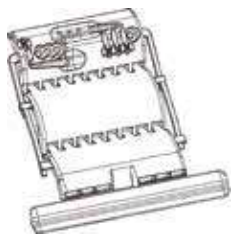
Burglar proof block and rigid springs for FULL AUTOMATIC SETTING function up to 20 Nm



001YM0122
New BKL-60 blocker for shutters with max. height of slats 43 mm. One piece per package.



001YM0123
New BKL-70 blocker for shutters with max. height of slats 43 mm. One piece per package.



001YM0155
Roller-slat quick attachment block. Package of two pieces.



001FR0119
AX60B10M Steel tube 1 mm L = 3 m.



RAVEL
001YM0026
Ø 70 mm Octagonal piece with five elements. two pieces per package.



RAVEL
001YM0027
Octagonal Ø 70 mm seven elements. two pieces per package.

Programmer / Power supply unit



001YE0124
Programmer for Ensor SH5. Power driver for tube motors max. 3 A.

* Availability is limited to specific markets.



230 V AC - 50 Hz Mechanical limit switch Optional outdoor receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.

Buttons p. 103



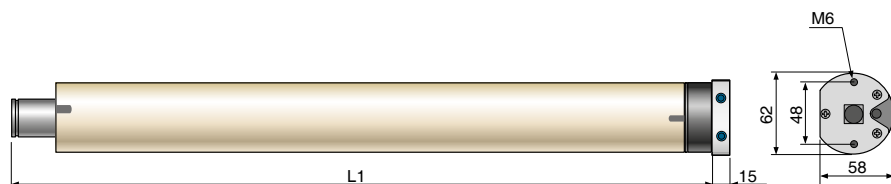
Receivers p. 106



Transmitters p. 104



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121M0	001Y6100A121M0	001Y6120A101M0
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	10	8
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,71	1,68	1,64
Power (W)	396	385	375
Length (mm) = L1	570	570	590
Weight (Kg)	4,8	4,8	5,25
Package dimensions (mm)	650 x 120 x 120	650 x 120 x 120	700 x 120 x 120
Weight of packed motor (Kg)	5,2	5,2	5,65

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



230 V AC - 50 Hz
Double MASTER/SLAVE motor
Mechanical limit switch
Optional outdoor receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.

Buttons p. 103



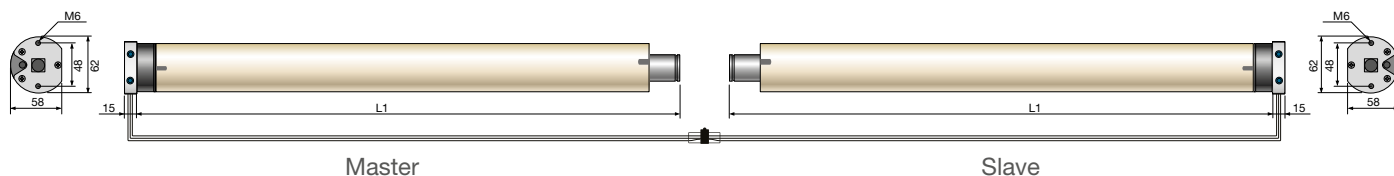
Weather p. 106



Transmitters p. 104



Dimensions (mm)



Cabling



Technical information

CODE	001UY0045
Torque (Nm)	2 x 120
Rpm speed (turns/min)	10
Hoisted weight (Kg)*	300
Limit switch revolutions (revolutions)	20
Duration of operation (min)	4
Protection rating (IP)	44
Absorption (A)	3,7
Power (W)	850
Length (mm) = L1	590
Weight (Kg)	5.25 x 2
Package dimensions (mm)	700 x 240 x 240
Weight of packed motor (Kg)	5.65 x 2

* Calculated load for 70 mm winder tube. ** Length L1, Weight, Dimension of Boxes, Weight of packed motor these refer to single motors.
 So L1 total will correspond to L1 of the Master motor + L1 of the Slave motor



230 V AC - 50 Hz Mechanical limit switch 433.92 MHz radio receiver

- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Universal head for applying on any anchoring plate.

CAME WI p. 102



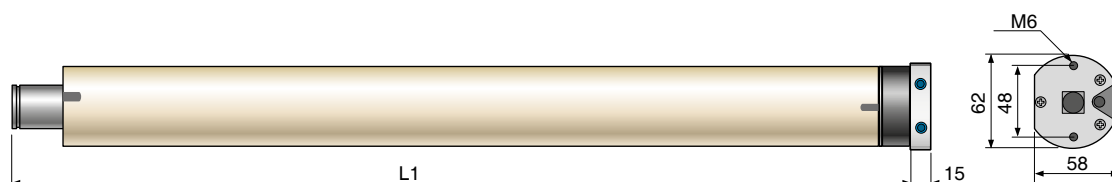
Weather p. 106



Transmitters p. 104



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121MOR	001Y6100A121MOR	001Y6120A101MOR
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	10	8
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	23	23	23
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,65	1,68	1,68
Power (W)	385	393	393
Length (mm) = L1	710	710	730
Weight (Kg)	4,8	4,85	5,1
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,2	5,2	5,3

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver



- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:34.

Buttons p. 103



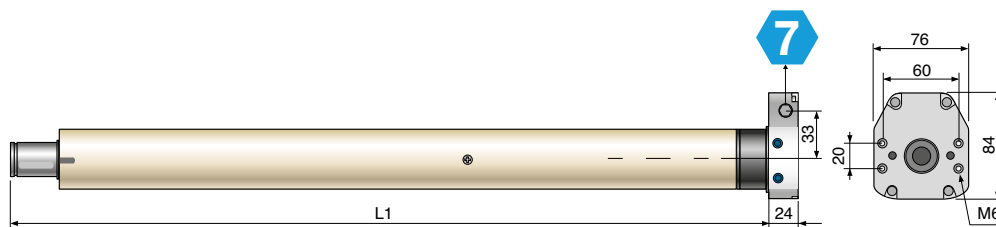
Weather p. 106



Manual maneuver p. 94



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121MOM	001Y6100A121MOM	001Y6120A101MOM
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,71	1,68	1,64
Power (W)	396	385	375
Length (mm) = L1	610	610	630
Weight (Kg)	5,08	5,25	5,6
Package dimensions (mm)	685 x 120 x 120	685 x 120 x 120	750 x 120 x 120
Weight of packed motor (Kg)	5,48	5,65	6,6

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.



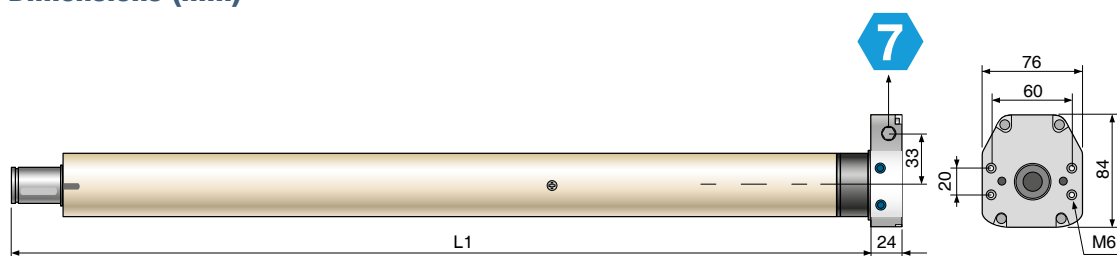
230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver 433.92 MHz radio receiver



- Can be used on 70 mm round or octagonal tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Manually activated with emergency wand.
- Reduction ratio: 1:34.



Dimensions (mm)



Cabling

2.5 m



NEUTRAL
PHASE
GROUND

3 x 0.75 mm²

Technical information

CODE	001Y6080A121MOMR	001Y6100A101MOMR	001Y6120A101MOMR
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	10	8
Hoisted weight (Kg)*	114	143	171
Limit switch revolutions (revolutions)	20	20	20
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,65	1,68	1,68
Power (W)	385	393	393
Length (mm) = L1	790	790	810
Weight (Kg)	5,2	5,2	6
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,6	5,74	6,6

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.

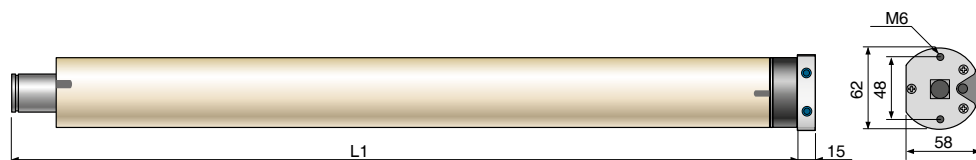


230 V AC - 50 Hz Electronic limit switch 433.92 MHz radio receiver

- Aluminum head, black varnished.
- Can be used minimally on either round or octagonal 70 mm tube.
- Universal head for applying on any anchoring plate.
- Infinite number of limit-switch turns,



Dimensions (mm)



Cabling



Technical information

CODE	001Y6080A121KL	001Y6100A121KL	001Y6120A101KL
Torque (Nm)	80	100	120
Rpm speed (turns/min)	12	12	10
Hoisted weight (Kg)*	114	143	171
Duration of operation (min)	4	4	4
Protection rating (IP)	44	44	44
Absorption (A)	1,7	1,7	1,85
Power (W)	393	393	425
Length (mm) = L1	710	710	710
Weight (Kg)	4,9	4,9	4,9
Package dimensions (mm)	860 x 120 x 120	860 x 120 x 120	860 x 120 x 120
Weight of packed motor (Kg)	5,3	5,3	5,3

Can be specially packaged for manufacturers. - * Calculated load for 70 mm winder tube.

MECHANICAL ACCESSORIES - Ø 55

Octagonal adapters Ø 55 mm

CROWN **PULLEY** **ADAPTER**

001YK6101
Octagonal 70 x 1.5 mm.

CROWN **PULLEY** **ADAPTER**

001YK6105
102 x 2 mm Octagonal piece.

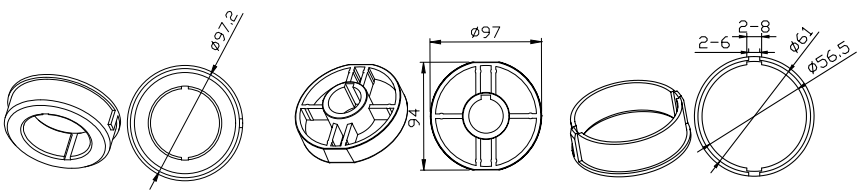
CROWN **PULLEY** **ADAPTER**

001YK6115
70 x 1 mm octagonal.

Circular adapters Ø 55 mm


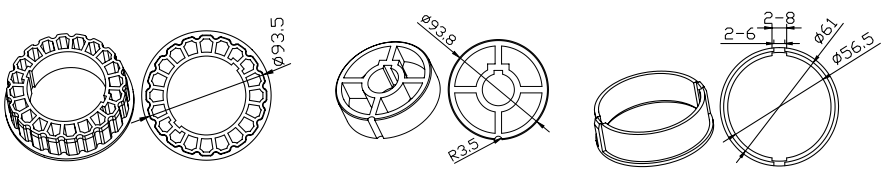
CROWN **PULLEY** **ADAPTER**

001YK6106
80 x 1 mm Z.F. Round piece.




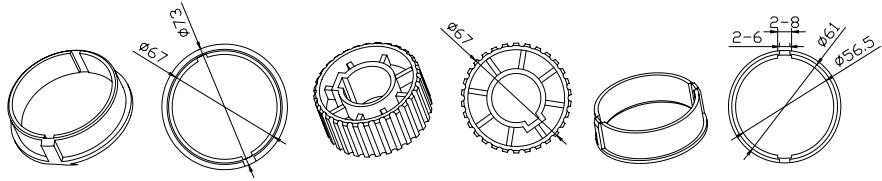
CROWN PULLEY ADAPTER

001YK6107
Ring 102.5 x 2.5 mm.


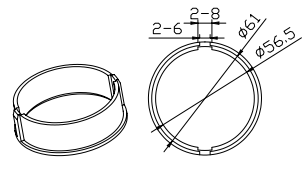
CROWN PULLEY ADAPTER

001YK6109
Ring 98 x 1.5 mm.


CROWN PULLEY ADAPTER

001YK6113
Ring 70 x 1.2 mm.

ADAPTER

001YK6116
Adapter crown D.59.



MECHANICAL ACCESSORIES - Ø 55

Adapters to head Ø 55 mm

Technical drawings for part 001YK6103. The Crown has an outer diameter of $\phi 78.5$ and a height of 13.7. The Pulley has an outer diameter of $\phi 74.6$ and a height of 13.7. The Adapter has an inner diameter of $\phi 56.5$ and a height of 2-6. A small detail shows a diameter of $\phi 61$.

CROWN **PULLEY** **ADAPTER**

001YK6103
Head 78 x 1.2 mm, eccentric 4 mm.

Technical drawings for part 001YK6108. The Crown has an outer diameter of $\phi 89$, an inner diameter of $\phi 86$, and a height of 12.5. The Pulley has an outer diameter of $\phi 95$, an inner diameter of 10, and a height of 63. The Adapter has an inner diameter of $\phi 56.5$ and a height of 2-6. A small detail shows a diameter of $\phi 61$.

CROWN **PULLEY** **ADAPTER**

001YK6108
Ring 90 x 1.5 mm.

Technical drawings for part 001YK6112. The Crown has an outer diameter of $\phi 81.5$ and a height of 10.5. The Pulley has an outer diameter of $\phi 81.5$, an inner diameter of 13, and a height of 60.2. The Adapter has an inner diameter of $\phi 56.5$ and a height of 2-6. A small detail shows a diameter of $\phi 61$.

CROWN **PULLEY** **ADAPTER**

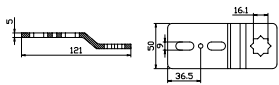
001YK6112
85 x 1 mm ogive.

Technical drawings for part 001YK6114. The Crown has an outer diameter of $\phi 77.4$, an inner diameter of $\phi 80.5$, and a height of 10.5. The Pulley has an outer diameter of 76.5, an inner diameter of 10.5, and a height of 6.6. The Adapter has an inner diameter of $\phi 56.5$ and a height of 2-6. A small detail shows a diameter of $\phi 61$.

CROWN **PULLEY** **ADAPTER**

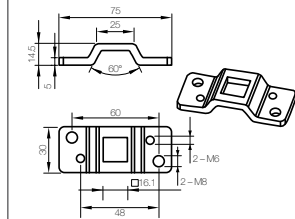
001YK6114
80 mm tilted ogive.

Ø 55 mm supports



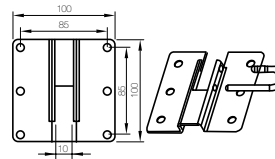
001YM0117

Q16 Adjustable saddle brace.



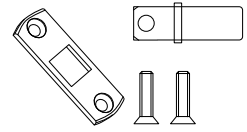
001YM0118

Omega Q16 with double, 48 and 60, center distance and threaded holes.



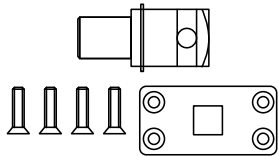
001YM0119

Omega with Q16 saddle on 100 x 1000 plate.



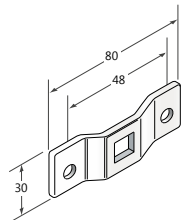
001YM0120

Q16 safety insert for the MO 6.



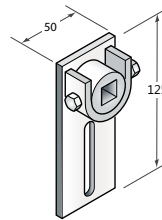
001YM0121

Q16 safety insert for the MOM 6.



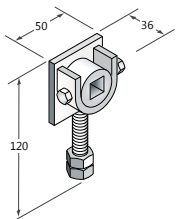
001YM0031

Omega with 48 mm center distance Q16 housing.



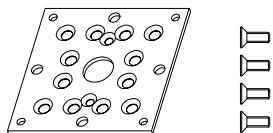
001YM0002

Settable brace with Q16 bushing.



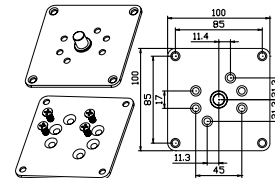
001YM0003

M12 screw brace with Q16 bushing.



001YM0111

Multi-hole plate for: MOM 6 and MO6. Dimensions: 100 x 100 mm.



001YM0112

Plate with pin for: MOM 5 and MO6.

MANUAL MANEUVER ACCESSORIES

Rods joints and eyelets





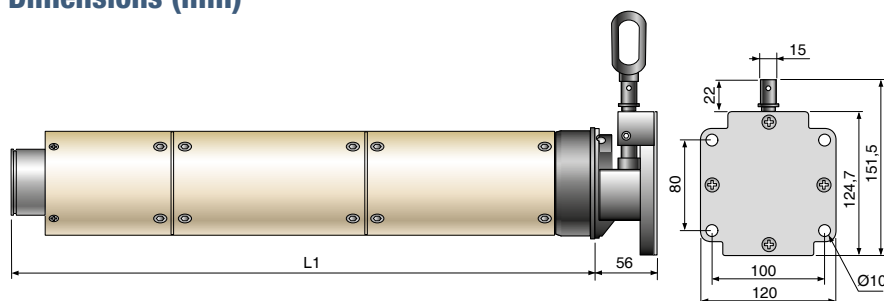
230 V AC - 50 Hz Mechanical limit switch Built-in emergency maneuver

- Can used on the 102 mm round tube.
- Manual mechanical limit-switch with screw-based progressive adjusting.
- Can also be used on shutters and garage doors.
- Manually activated with emergency wand.
- Reduction ratio: 1:320 motor 300 Nm.
- Reduction ratio: 1:250 motor 230 Nm.
- Emergency maneuver already included in the package.

Buttons p. 103



Dimensions (mm)



Cabling

2.5 m

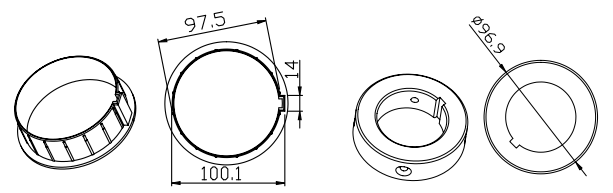


4 x 0.75 mm²

Technical information


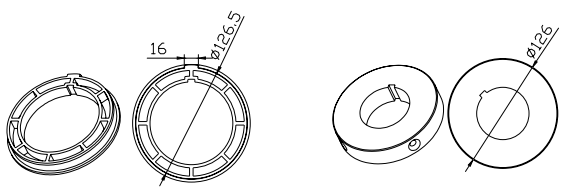
CODE	001Y9230A121MOM	001Y9300A091MOM
Torque (Nm)	230	300
Rpm speed (turns/min)	12	9
Hoisted weight (Kg)*	290	370
Limit switch revolutions (revolutions)	22	22
Duration of operation (min)	4	4
Protection rating (IP)	44	44
Absorption (A)	2,75	2,96
Power (W)	602	661
Length (mm) = L1	534	554
Weight (Kg)	13,3	14,3
Package dimensions (mm)	650 x 165 x 235	650 x 165 x 233
Weight of packed motor (Kg)	14	15

Circular adapters Ø 92 mm




CROWN
001YK9101
102 x 2 mm round piece

PULLEY





CROWN
001YK9102
133 x 2 mm round piece

PULLEY



Braces Ø 92 mm



001YM0076
170 x 170 mm Anchoring plate.

Emergency maneuver



001YM0038
1500 mm White jointed rod with hook.

ACCESSORIES





ACCESSORIES

Compensation rings and endcaps



001YM0028

60 mm Octagonal ring.



001YM0029

70 mm Octagonal ring.



001YM0019

60 mm Octagonal telescopic endcap.



001YM0020

70 mm Octagonal telescopic endcap.



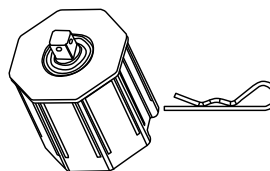
001YM0032

Endcap with \varnothing 12.60 mm octagonal pin.



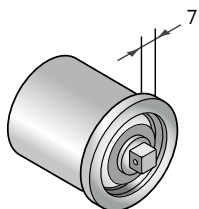
001YM0030

Endcap with \varnothing 12.70 mm octagonal pin.



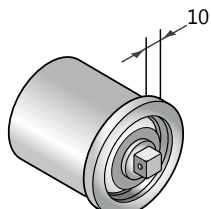
001YM0154

Octagonal cap 60 with pin Q.10 neutral.



001YM0048

Cap with pin Q7 neutral tube 40 x 1.5 mm.



001YM0046

Cap with pin Q10 neutral tube 50 x 1.5 mm.



001YM0047

Brace and cap with 45 return tube 50 x 1.5 mm.

Bearings and braces



001YM0066

Ø 28 mm metal ball bearing with Ø 12 mm hole.



001YM0069

Ø 42 mm nylon ball bearing with Ø 12 mm hole.



001YM0067

Ball bearing in metal Ø 42 mm with hole Ø 12 mm. To pair with 001YM0074 brace.



001YM0072

Ø 42 mm metal ball bearing for 30 mm insert.



001YM0074

ST Settable bearing housing.



001YM0073

Ball bearing in metal Ø 42 mm with hole Ø 12 mm - ST. Can be paired with 001YM0070 brace.



001YM0068

Galvanized brace for Ø 28 mm mini bearing.



001YM0070

Galvanized U-shaped brace for Ø 42 mm bearing.



001YM0071

Wooden 30 mm snap-in bearing brace.

ACCESSORIES

Wi-Fi gateway RKL compatible with:

**EDISON B3 - MONDRIANR4 - KLIMT 4 - MONDRIAN R5 - MONDRIAN MR5 - KLIMT 5 - KLIMT AW5
MONDRIAN R6 - MONDRIAN MR6 - KLIMT 6**



001ESYE0002

Radio gateway for roller shutters control.



001ESYE0003

Radio gateway for roller shutters control.

Centralization modules



001YE0005

Centralization module for two mechanical motors.



001YE0006

Centralization module for four mechanical motors.

Programmer / Power supply unit



001YE0124

Programmer for Ensor SH5.
Power driver for tube motors
max. 3 A.

Selectors



001FR0879

Key-switch selector.

* Availability is limited to specific markets.

Buttons and switches



001YE0032

Self-returning to central zero diverter button - white.



001YE0034

Self-locking diverter and central zero - white.



001YE0032EP

MINI selector switch without retaining control. Wall mounting.



001YE0034EP

MINI selector switch with retaining control. Wall mounting.



001FR1417

Two position selector switch.



AE5270

Selector switch with retaining control. Recess mounting.



AE5270CS

Wall-mounting adapter box for AE5270E.



001YE0043

Self-supporting wall casing for single, white deviator.



001FR1157

Double button with retaining control and central zero.



001FR1158

Double button with central zero.

ACCESSORIES

ELVIS collection transmitters



ELVIS 1

001YE0144

Portable 433.92 MHz transmitter, 1 channel, white.



ELVIS 15

001YE0145

Portable 433.92 MHz transmitter, 15 channels, white.



ELVIS 1

001YE0148

Portable 433.92 MHz transmitter, 1 channel, black.



ELVIS 15

001YE0149

Portable 433.92 MHz transmitter, 15 channels, black.

Transmitters

HENDRIX collection transmitters



HENDRIX 1

001YE0146

Wall-mounted 433.92 MHz transmitter, 1 channel, white.



HENDRIX 15

001YE0147

Wall-mounted 433.92 MHz transmitter, 15 channels, white.



HENDRIX 1

001YE0150

Wall-mounted 433.92 MHz transmitter, 1 channel, black.



HENDRIX 15

001YE0151

Wall-mounted 433.92 MHz transmitter, 15 channels, black.



HENDRIX TIMER TX5

001YE0166

Radio timer 433.92MHz 5 channels, white.



HENDRIX TIMER TX5

001YE0168

Radio timer 433.92MHz 5 channels, black.

WAGNER collection Transmitters



WAGNER 1
001YE0101
One-channel 433.92 MHz transmitter with wall brace.



WAGNER 5
001YE0102
Transmitter 433.92 MHz 5 channels with wall brace.



BRACE
001YE0103
White wall brace for WAGNER.



VIVALDI collection transmitters



VIVALDI MONOTOUCH
001YE0140
Single-key 433.92 MHz transmitter with wall brace.



VIVALDI TX1
001YE0104
One-channel 433.92 MHz transmitter with wall brace.



VIVALDI TX2
001YE0105
Two-channel 433.92 MHz transmitter with wall brace.



VIVALDI TX15
001YE0106
Fifteen-channel 433.92 MHz transmitter with wall brace.



VIVALDI TIMER TX1
001YE0115
Transmitter 433.92 MHz 1 channel with wall brace.



VIVALDI TIMER TX5
001YE0116
Transmitter 433.92 MHz 1 channel with wall brace.



VIVALDI TIMER WIRED 1
001YE0114
One-channel cabled timer with recessed brace.



ACCESSORIES

CHOPIN collection sensors and weather units



CHOPIN KLT
001YE0120
Weather unit with receiver.



CHOPIN
001YE0023
Cable-based weather station. Connected via sensors and Strauss cable.

Weather sensors and stations BACH collection



BACH KLT
001YE0113
Awning guard. Vibration-sensitive safety device.

STRAUSS collection sensors and weather units



STRAUSS S
001YE0007
Wind sensor.



STRAUSS SW
001YE0008
Sun-wind sensor.



STRAUSS KLT SW
001YE0108
Radio-based sun-wind weather unit.



STRAUSS LIGHT KLT
001YE0169
Sun sensor for window.

RKLT collection receivers



RKLT-W50
001YE0119
External receiver for mechanical motors of up to 50 Nm, 500 W.



RKLT-WL
001YE0136
RKLT-WL recess-mounted lighting-control receiver



RKLT
001YE0163
Outdoor 433.92 MHz receiver with external antenna.



RKLT-WR
001YE0164
KLT-series radio-control repeater.

MARTINI collection control panels



MARTINI
001YE0143
Receiver unit for controlling motor powered with single phase 230 V - 50 Hz - built in limit-switch.



ACTUATORS FOR BLINDS







24 V DC Protection rating IP44 Encoder controlled movement Adjusting speed

- Plain-view operator for blinds and swing-shutters.
- Programmable options: maintained action, adjustable maneuvering and slow-down speed; sensitivity adjusting, slowed down start and closing and immediate closing in case of power outages, plus inverted direction of travel in case of obstruction detection.
- Works during blackouts thanks to the emergency batteries.
- Irreversible motor prevents forced entry from outside.
- Voilà is safe and runs on low-voltage (24 V) and, during power outages, the shutters can be manually controlled, by releasing and re-blocking them in any position.
- Emergency release system.
- Reinforced rods.

Buttons p. 103



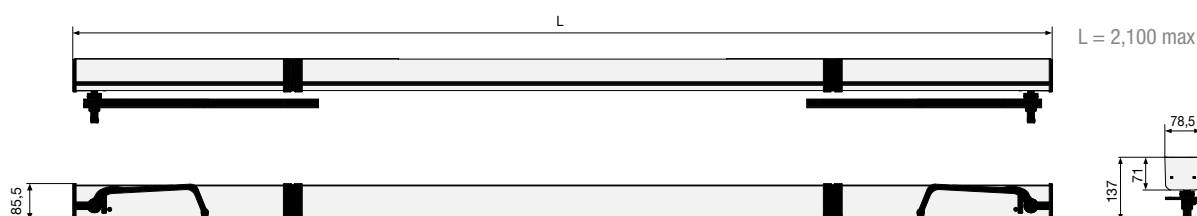
Weather p. 106



Transmitters p. 104



Dimensions (mm)



Technical information

CODE	001VLR01DX	001VLR01SX	001VLR02
Torque (Nm)	33	33	2 x 33
Protection rating (IP)	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Absorption (A)	3 max	3 max	6 max
Power (W)	75	75	150
Opening time at 180 (s)	Adjustable	Adjustable	Adjustable
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Operating temperature (C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55 x 2

Accessories

CODE	OBLIGATORY ACCESSORIES
001VLR07DX	Right-hand curved transmission arm for single-panel leaf.
001VLR07SX	Left-hand curved transmission arm for single-panel leaf.
001VLR08DX	Curved adjustable right-hand transmission arm for jointed two-paneled shouldered leaves of up to 170 mm or for one-paneled leaves with hinges not flush with the shoulder.
001VLR08SX	Curved adjustable left-hand transmission arm for jointed two-paneled shouldered leaves of up to 170 mm or for one-paneled leaves with hinges not flush with the shoulder.
001VLR09DX	Curved adjustable right-hand transmission arm for jointed two-paneled shouldered leaves of from 170 mm to 240 mm.
001VLR09SX	Curved adjustable left-hand transmission arm for jointed two-paneled shouldered leaves of from 170 mm to 240 mm.
001VLR10DX	Right-hand curved transmission arm for single-panel leaf.
001VLR10SX	Left-hand curved transmission arm for single-panel leaf.
001VLR04	Covering transom for passage breadths of up to 2,10 m.
001VLR05	Card for operation during emergency black outs and for recharging the batteries complete with casing. Two 12 V – 0.8 Ah batteries.

COMPLETE SYSTEMS

CODE	OBLIGATORY ACCESSORIES
001UV01	Complete system for two single panel swing-leaves composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 irreversible left-hand gearmotor; no. 1 connecting cable between the two gearmotors; no. 1 VLR07DX curved right-hand transmission arm; no. 1 VLR07SX curved left-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV02	Complete system for two two-paneled jointed leaves composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 irreversible left-hand gearmotor; no. 1 connecting cable between the two gearmotors; no. 1 VLR08DX curved right-hand adjustable transmission arm; no. 1 VLR08SX curved left-hand adjustable transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV03	Complete system for one right-hand single panel swing-leaf composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR07DX curved right-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV04	Complete system for one left-hand single panel swing-leaf composed of: no. 1 irreversible left-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR07SX curved left-hand transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV05	Complete system for one right-hand jointed two-paneled swing-leaf composed of: no. 1 irreversible right-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR08DX curved right-hand adjustable transmission arm; no. 1 AF43S radio-frequency board at 433.92 MHz; no. 1 Vivaldi TX1 transmitter.
001UV06	Complete system for one left-hand jointed two-paneled swing-leaf composed of: no. 1 irreversible left-hand operator complete with electronic board, encoder-based motion control and obstacle detection device; no. 1 VLR08SX curved left-hand adjustable transmission arm; no. 1 433.92 MHz radio-frequency card ; no. 1 Vivaldi TX1 transmitter.

NOTES:

The transom color can be customized.

For greater details or to ask for non-standard colors, please contact your sales contact person.

COMPLETE SETS



ECOBBOX
CAME's solution for sustainable development.
Package of cartons for 50 tube motors.



- Comfort and user-friendliness for large orders.
- Reduced production costs by eliminating cardboard and plastic in single packaging.
- Waste disposal cost reduction.
- Pollution reduction.

001YB01 - ECOBOX 1

50 PIECES
001Y5010A151MO

001YB07 - ECOBOX 7

50 PIECES
001Y5030A151ENS

001YB02 - ECOBOX 2

50 PIECES
001Y5020A151MO

001YB08 - ECOBOX 8

50 PIECES
001Y5010A151MOR

001YB03 - ECOBOX 3

50 PIECES
001Y5010A151KLS

001YB09 - ECOBOX 9

50 PIECES
001Y5020A151MOR

001YB04 - ECOBOX 4

50 PIECES
001Y5020A151KLS



APPLICATIVE EXAMPLES



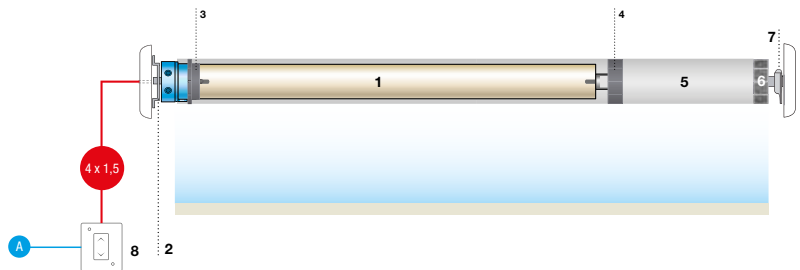


MOTOR WITH MECHANICAL LIMIT SWITCH

MONDRIAN 4 - Ø 35 MOTOR WITH MECHANICAL LIMIT SWITCH

- 1 MONDRIAN 4 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 Baffle

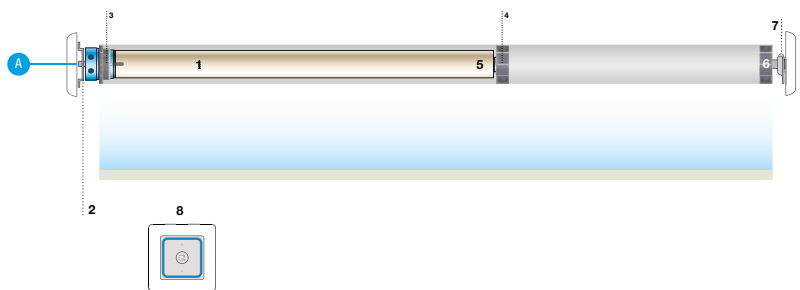
A 230 V AC POWER 3 x 1.5



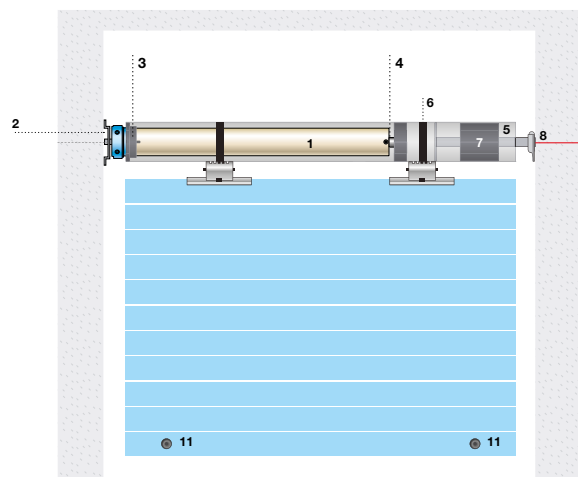
MONDRIAN R4 - Ø 35 MOTOR WITH MECHANICAL LIMIT SWITCH AND BUILT-IN RECEIVER

- 1 MONDRIAN R4 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 VIVALDI TX1 Portable one-channel transmitter

A 230 V AC POWER 3 x 1.5

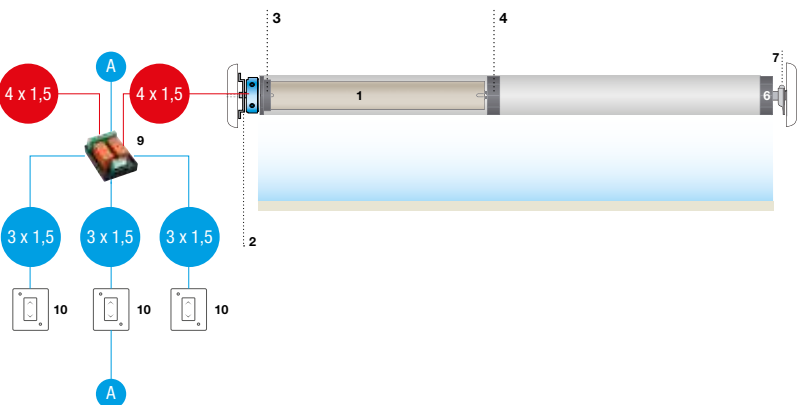


MONDRIAN 5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH



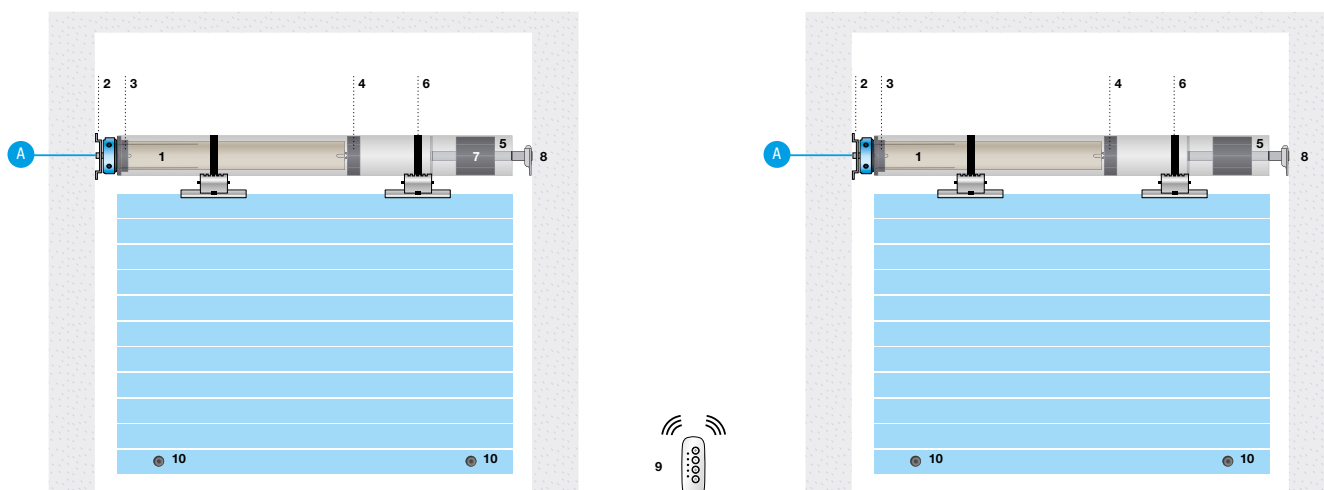
- 1 MONDRIAN 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 001YE0005 Centralization module for mechanical motors
- 10 Baffle
- 11 End caps

A 230 V AC POWER 3 x 1.5



ATTENTION
For electrical connections see the installation manual.

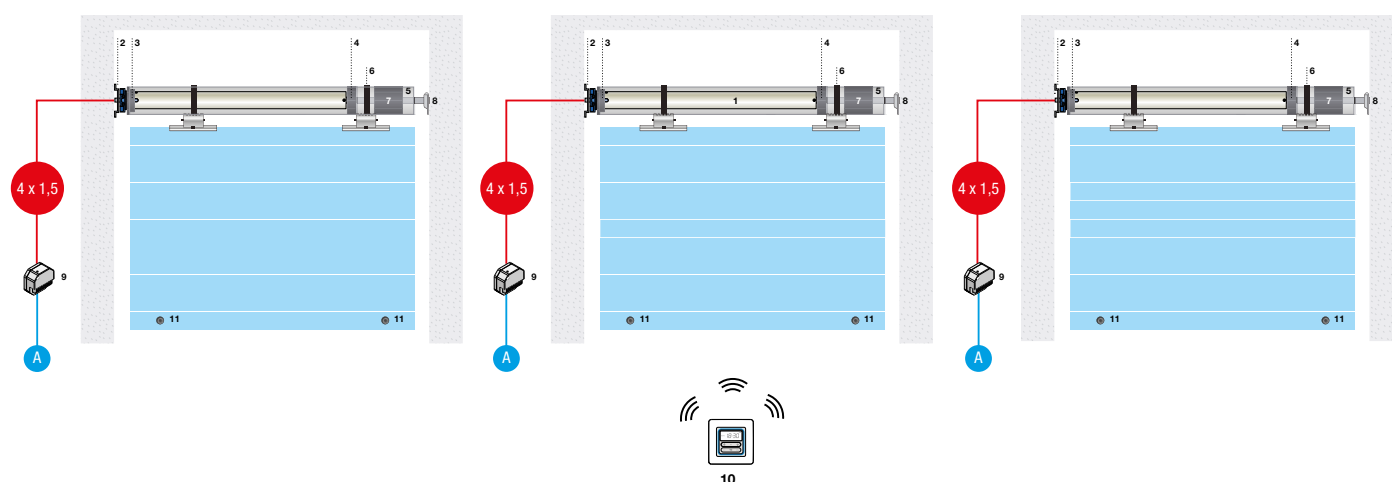
MONDRIAN R5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH AND BUILT-IN RECEIVER



- 1 MONDRIAN R5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 WAGNER 5 Five-channel transmitter
- 10 End caps
- 11 End caps

A 230 V AC POWER 3 x 1.5

MONDRIAN MATTA 5 - Ø 45 MOTOR WITH MECHANICAL LIMIT SWITCH



- 1 MATTA 5 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 RKL-T-W50 Recessed receiver
- 10 VIVALDI TIMER TX5 transmitter
- 11 End caps

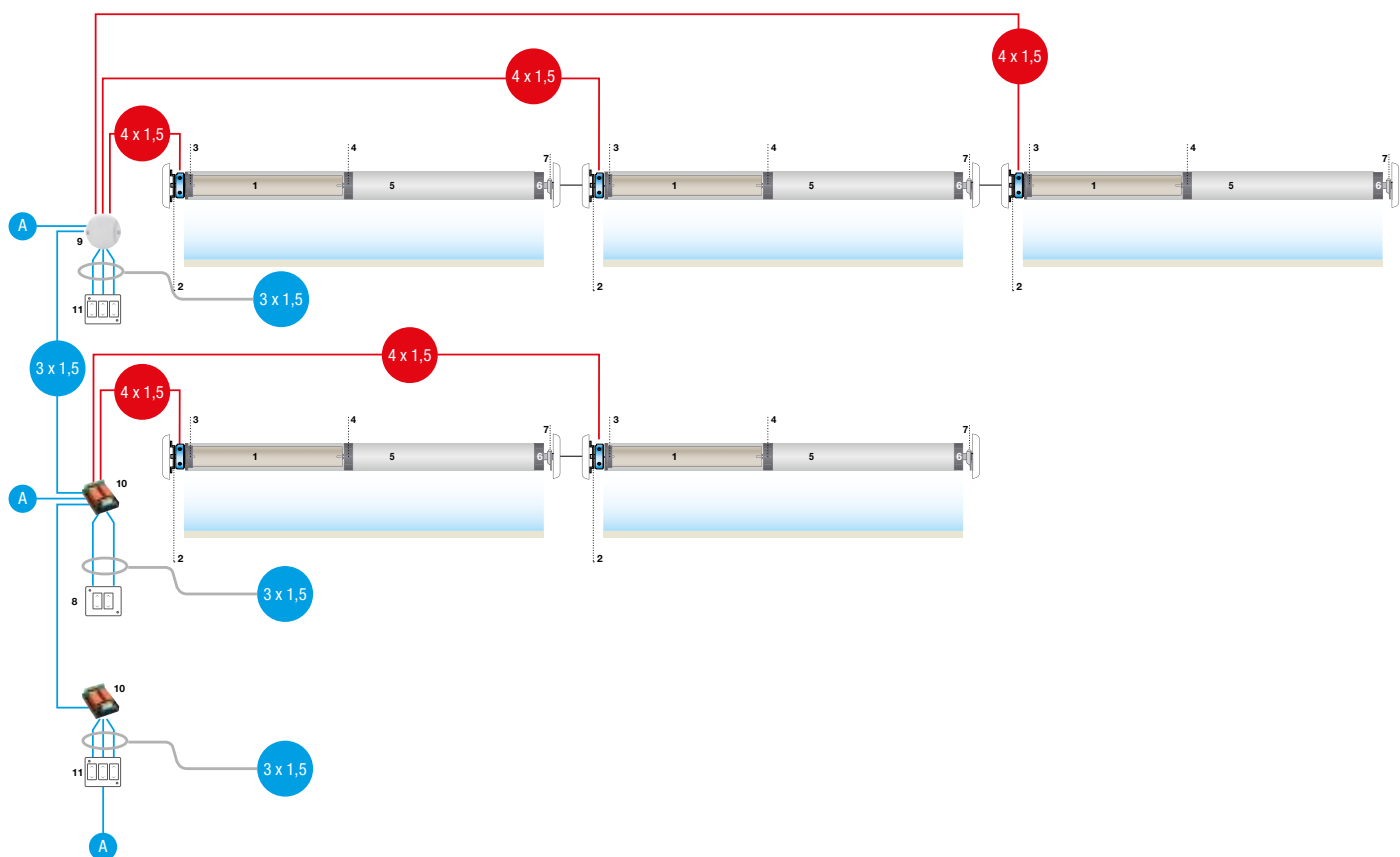
A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

MOTOR WITH MECHANICAL LIMIT SWITCH

MONDRIAN Q5 - Ø 45

MOTOR WITH MECHANICAL LIMIT-SWITCH, MULTIPLE CENTRALIZATION OF MECHANICAL MOTORS

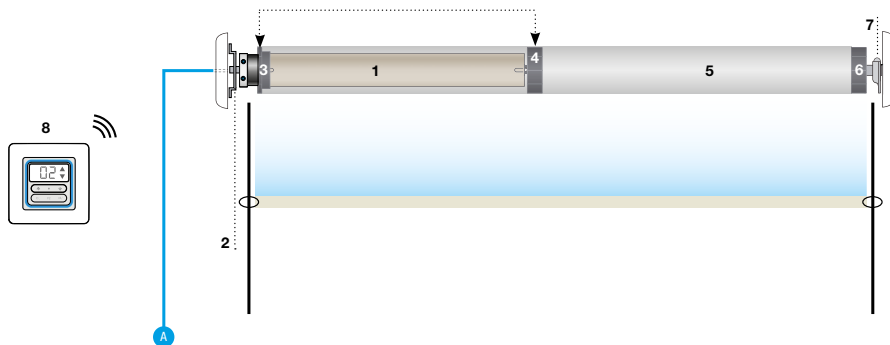


- | | | | |
|---|----------------------------|----|--|
| 1 | MONDRIAN Q5 Motor | 7 | Brace and bearing for cap |
| 2 | Motor brace | 8 | One double button |
| 3 | Crown (adaptor) | 9 | One centralization for three motors 001YE006 |
| 4 | Wheel (adaptor) | 10 | Two centralization for two motors 001YE005 |
| 5 | Winder tube | 11 | Two triple buttons |
| 6 | Telescopic or standard cap | | |
- A 230 V AC POWER 3 x 1.5

KLIMT 6 - Ø55

TWO MOTORS WITH RADIO-BASED MECHANICAL LIMIT SWITCH

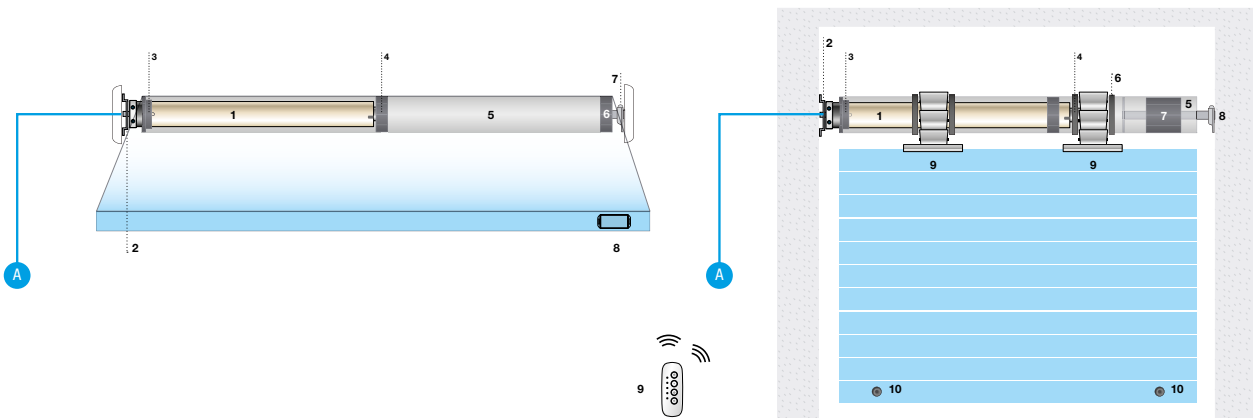
- | | |
|---|--|
| 1 | MONDRIAN R6 Motor |
| 2 | Motor brace |
| 3 | Crown (adaptor) |
| 4 | Wheel (adaptor) |
| 5 | Winder tube |
| 6 | Telescopic or standard cap |
| 7 | Brace and bearing for cap |
| 8 | VIVALDI TIMER TX1 One-channel portable transmitter |



ATTENTION

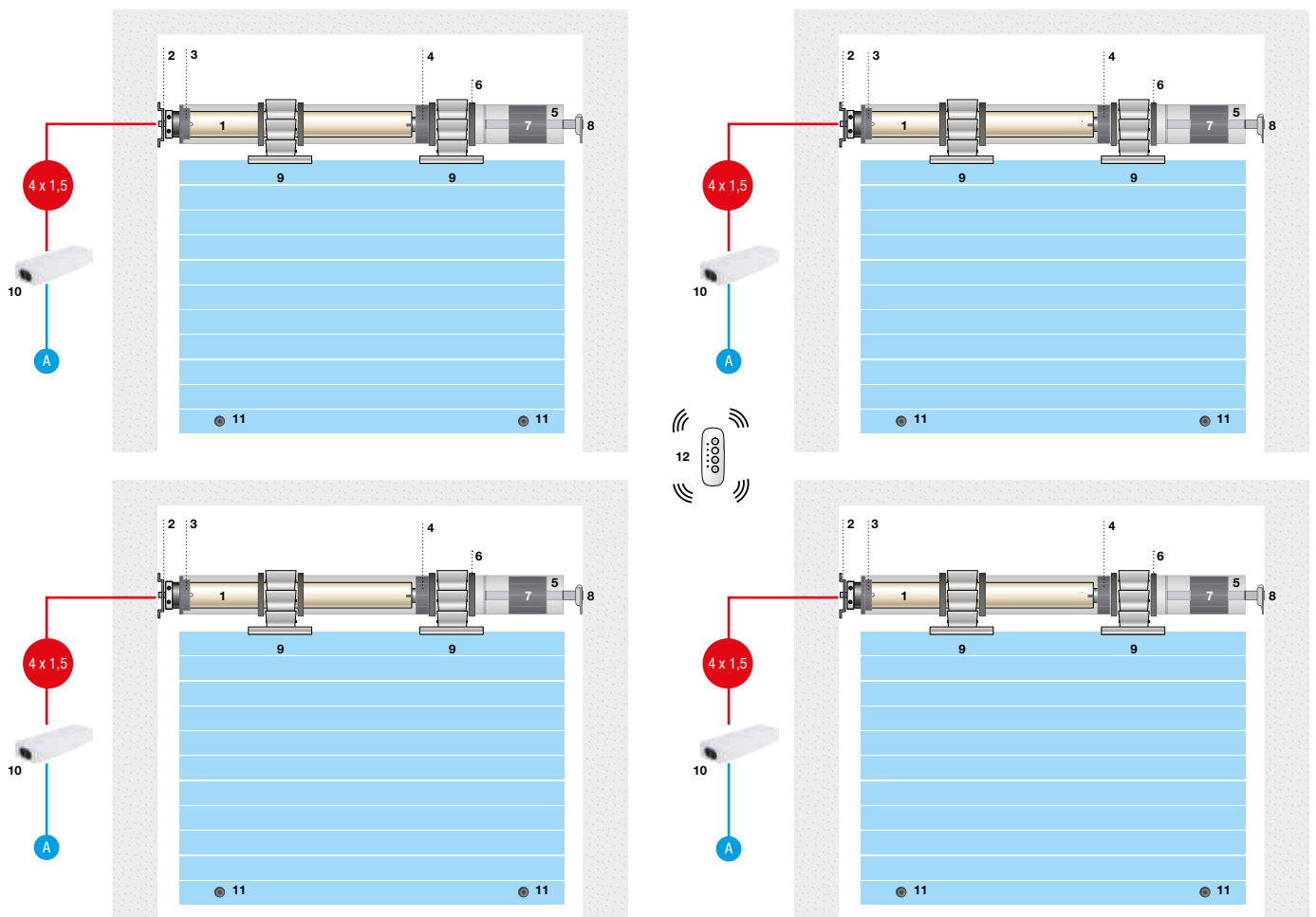
For electrical connections see the installation manual.

MONDRIAN R6 - Ø 55
TWO MOTORS WITH RADIO-BASED MECHANICAL LIMIT SWITCH



- | | | | |
|---|-------------------|---|--|
| 1 | MONDRIAN R6 Motor | 6 | Telescopic or standard cap |
| 2 | Motor brace | 7 | Brace and bearing for cap |
| 3 | Crown (adaptor) | 8 | Awing protection. BACH KLT vibration-sensing safety device |
| 4 | Wheel (adaptor) | 9 | WAGNER 5 Five-channel transmitter |
| 5 | Winder tube | | |
- A 230 V AC POWER 3 x 1.5

MONDRIAN 6 - Ø 55
MOTOR WITH MECHANICAL LIMIT-SWITCH, MULTIPLE CENTRALIZATION OF MECHANICAL MOTORS



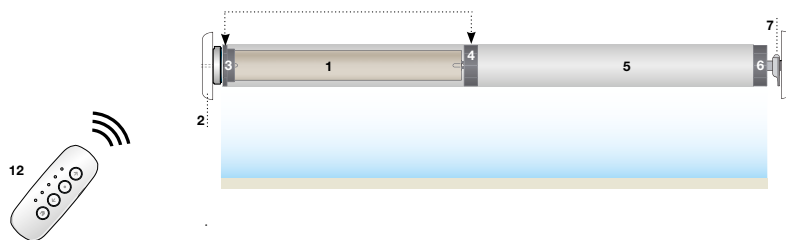
- | | | | |
|---|----------------------------|----|--|
| 1 | Four MONDRIAN 6 motors | 8 | Brace and bearing for cap |
| 2 | Motor brace | 9 | Burglar proof spring (optional) |
| 3 | Crown (adaptor) | 10 | Four RKL external receivers for motors with electromechanical limit-switches |
| 4 | Wheel (adaptor) | 11 | End caps |
| 5 | Winder tube | 12 | WAGNER 5 Five-channel transmitter |
| 6 | Ring (optional) | | |
| 7 | Telescopic or standard cap | | |
- A 230 V AC POWER 3 x 1.5

MOTOR WITH ELECTRONIC LIMIT SWITCH

EDISON B3 - Ø 25

MOTOR WITH ENCODER-BASED ELECTRONIC LIMIT-SWITCH AND BUILT-IN RECEIVER

- 1 EDISON B3 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 12 Wagner 5 five-channel transmitter

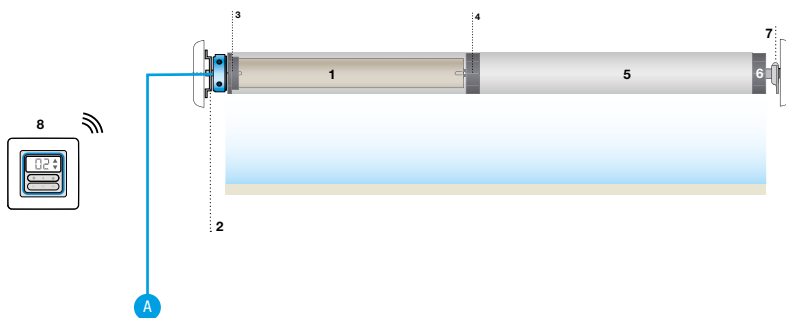


KLIMT 4 - Ø 35

MOTOR WITH ELECTRONIC LIMIT SWITCH WITH BUILT-IN RECEIVER

- 1 KLIMT 4 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 VIVALDI TIMER TX1 One-channel portable transmitter

A 230 V AC POWER 3 x 1.5

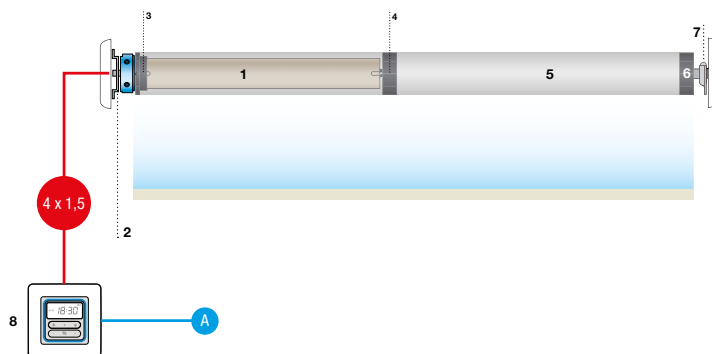


ENSOR 4 - Ø 35

MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE

- 1 ENSOR 4 Motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 VIVALDI TIMER 1 Cable-based one-channel timer

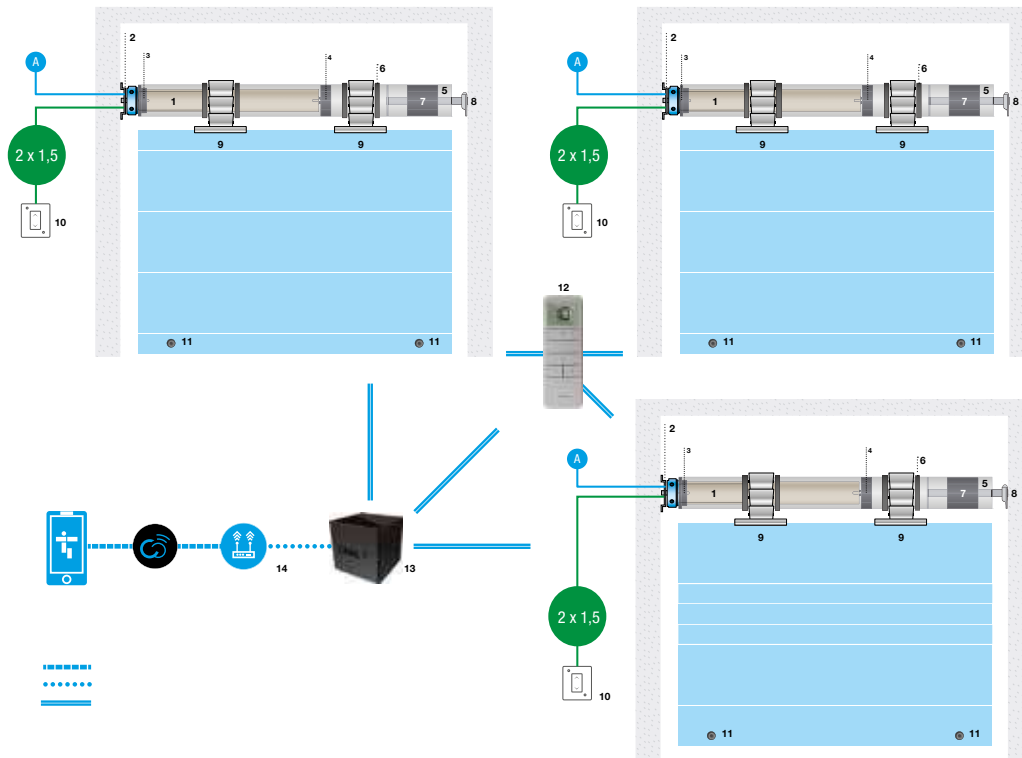
A 230 V AC POWER 3 x 1.5



ATTENTION

For electrical connections see the installation manual.

KBS 5 - Ø 45
MOTOR WITH ELECTRONIC LIMIT-SWITCH AND BUILT-IN RECEIVER



- 1 KBS 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Rigid springs (optional)
- 10 Wired button. Spot or wired control
- 11 End caps
- 12 Remote control EBR15
- 13 QBE Smart Home (optional)
- 14 Router

A 230 V AC POWER 3 x 1.5

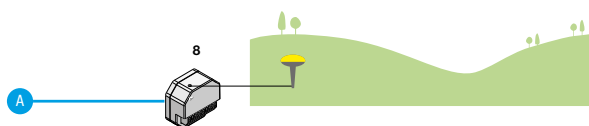
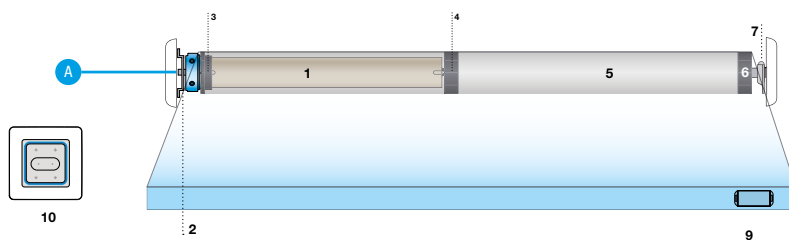
ATTENTION
 For electrical connections see the installation manual.

MOTOR WITH ELECTRONIC LIMIT SWITCH

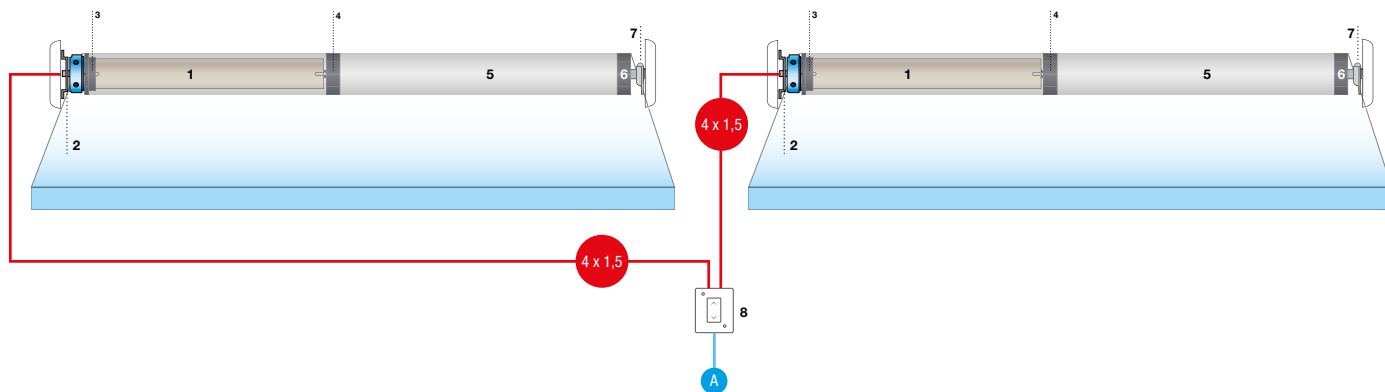
KLIMT 5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH WITH BUILT-IN RECEIVER

- 1 KLIMT 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 RKLT-WL Lighting control recess-mounted receiver
- 9 Awning protection. BACH KLT vibration-sensing safety device
- 10 VIVALDI TX2 Two-channel portable transmitter

A 230 V AC POWER 3 x 1.5



ENSOR 5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE



- 1 ENSOR 5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Telescopic or standard cap
- 7 Brace and bearing for cap
- 8 Single baffle for both awnings

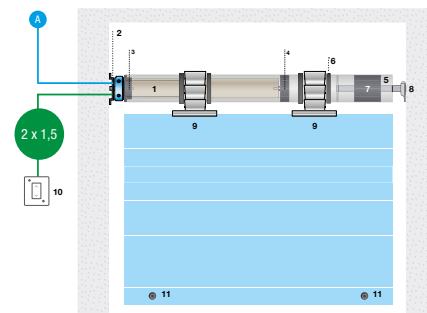
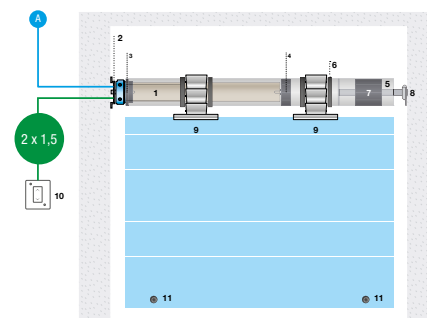
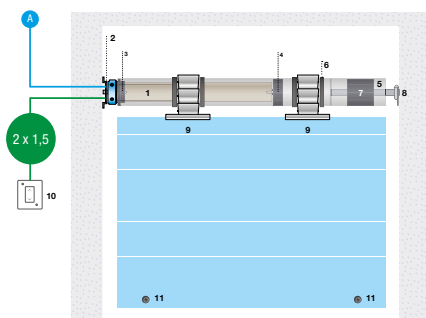
A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

KLIMT SH5 - Ø 45
MOTOR WITH ELECTRONIC LIMIT SWITCH WITH BUILT-IN RECEIVER

- 1 KLIMT SH5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Burglar proof spring (optional)
- 10 Cabled button. Either spot or cabled control
- 11 End caps
- 12 WAGNER 5 remote control

A 230 V AC POWER 3 x 1.5

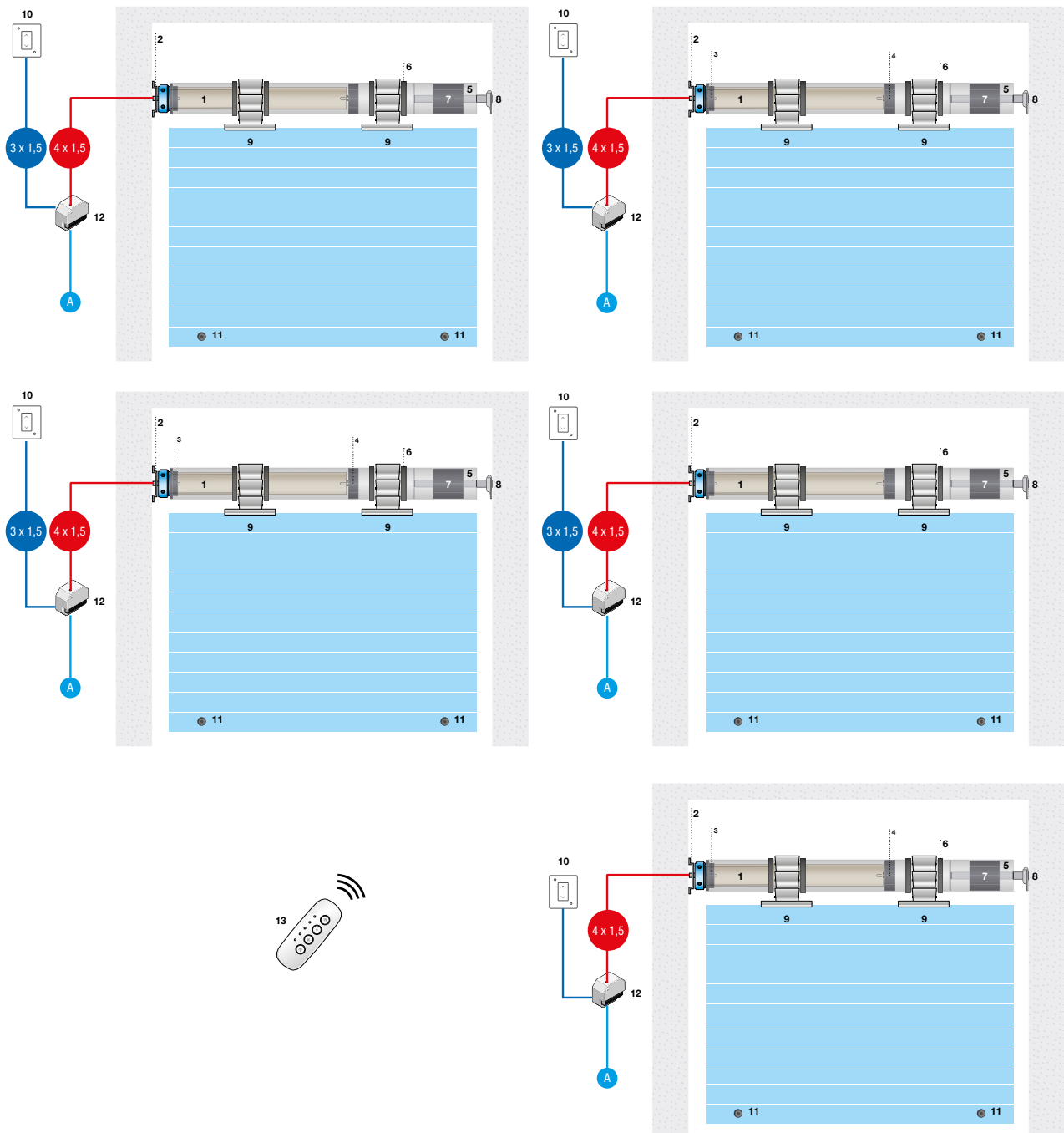


ATTENTION

For electrical connections see the installation manual.

MOTOR WITH ELECTRONIC LIMIT SWITCH

ENSOR SH5 - Ø 45 MOTOR WITH ELECTRONIC LIMIT SWITCH VIA CABLE

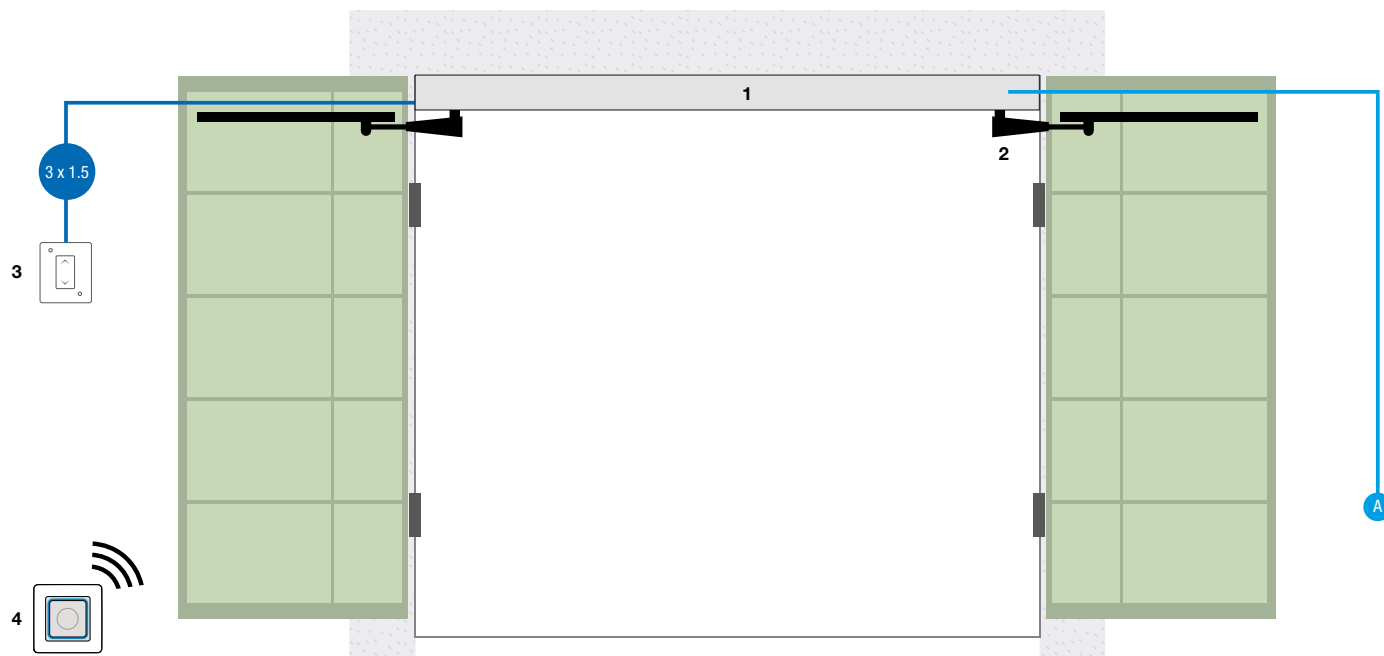


- 1 ENSOR SH5 motor
- 2 Motor brace
- 3 Crown (adaptor)
- 4 Wheel (adaptor)
- 5 Winder tube
- 6 Ring (optional)
- 7 Telescopic or standard cap
- 8 Brace and bearing for cap
- 9 Burglar proof spring (optional)
- 10 Double button
- 11 End caps
- 12 RKLТ-W50 Recessed receiver
- 13 WAGNER 5 Five-channel transmitter

A 230 V AC POWER 3 x 1.5

ATTENTION
For electrical connections see the installation manual.

VOILÀ - SYSTEM FOR BLINDS EXTERNAL ACTUATOR FOR SHUTTERS



- 1 VOILÀ motor
- 2 Curved arms for rigid-panel shutters
- 3 Double button
- 4 VIVALDI MONOTOUCH remote control

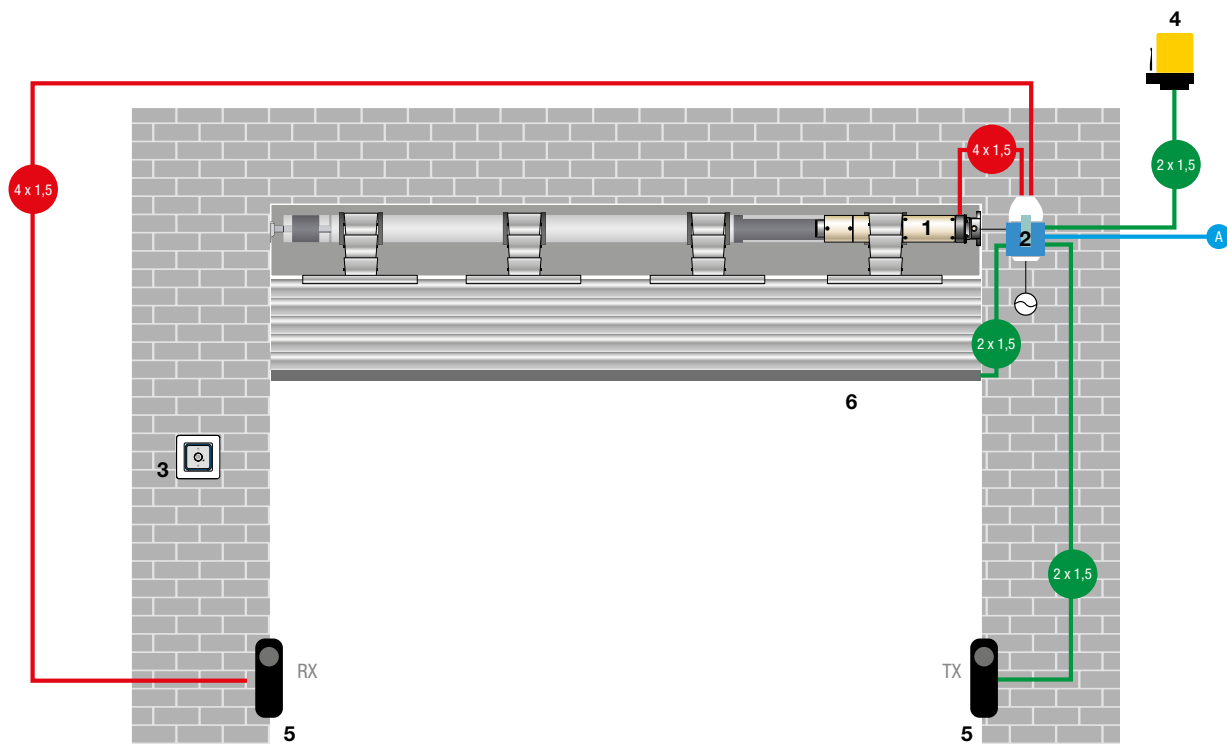
A 230 V AC POWER 3 x 1.5

ATTENTION

For electrical connections see the installation manual.

SHUTTER OPERATOR

MONDRIAN M9 - Ø 92 WINDING SHUTTER WITH MARTINI CONTROL PANEL



- 1 MONDRIAN M9 Motor
- 2 MARTINI control unit with built-in receiver
- 3 VIVALDI MONOTOUCH remote control
- 4 DADOO Flashing light
- 5 DIR safety photocells
- 6 DF sensitive safety-edge

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