



KEY
AUTOMATION

GATES AND DOORS AUTOMATION 2025

www.keyautomation.com

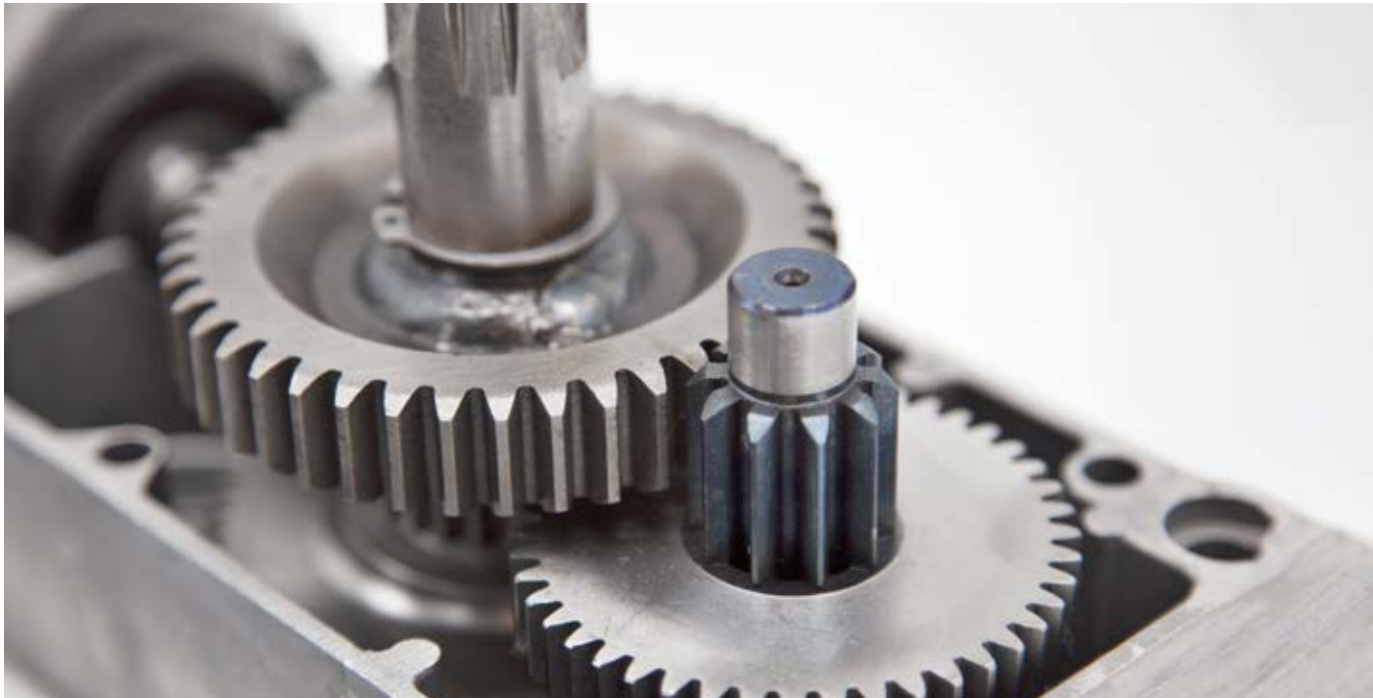


GATES & DOORS CATALOGUE 2025

Automations for gates, garage doors, pedestrian doors,
road barriers and outdoor LED lighting

02 *OUR COMPETITIVE ADVANTAGES* **MECHANICS**





ROBUST AND DURABLE MECHANICAL ENGINEERING

Our products are made with the highest quality materials

For demanding or heavy-duty applications, we only use steel and bronze billet gears, oversized electric motors, ball bearings and high-performance lubricants

Die-cast aluminium shells are dimensioned to protect mechanisms over time, even from accidental damages. For plastics, we use premium materials, such as ASA and PMMA®, so they will not yellow or fade over time

To appreciate our mechanical engineering quality, we invite you to weigh one of our motors against a comparable one from our competitors

04 *OUR COMPETITIVE ADVANTAGES* **TECHNOLOGY**



14A - ONE FOR ALL

ONE CONTROL UNIT FOR ALL 24 Vdc AUTOMATION SYSTEMS

Option to select and combine power modules according to your needs

Night light management up to 20W

Same programming for all motors

Programming using KUBEPRO wireless module

LED indicator for inputs and safeties

Removable DYL programming display to protect the automation system

CLOUD back-up of installation parameters



CUTTING-EDGE TECHNOLOGY

INTERNAL DESIGN AND ENGINEERING

At Key Automation, we are committed to ensuring the highest quality and consistency in every aspect of the creative and design process. From the initial idea to the final implementation, our in-house team of designers and programmers is dedicated to creating beautiful, easy and intuitive digital experiences.

The design, programming and graphic creation of the app interfaces, both for the user experience (UX) and for the user interface (UI), are all managed in-house. This approach allows us to maintain strict control over every phase of the project, ensuring that our creations are always geared towards the needs of both installers and end users.

We are committed to offering intuitive, functional and state-of-the-art solutions without ever neglecting the aesthetic side that has always distinguished us

05 OUR COMPETITIVE ADVANTAGES INNOVATION



NIGHT LIGHT SYSTEM

THE EVOLUTION OF AUTOMATION FOR DOORS AND GATES

A new approach to automation for doors and gates. No longer just a way to manage openings, but a light source during night hours

Night Light System is a concept that combines the comfort of an automatic gate with the use of LED lighting to illuminate your entrance over night, independently of the gate opening

DESIGN

Represents the Italian style and design, combining elegance and technology with the use of last generation materials and LEDs lighting. Enhances the beauty of the gate design, thanks to the smooth and sinuous shapes, giving a more sophisticated aspect to your environment

SAFETY

Ease the night vision when security cameras are installed, in order to monitor the perimeter of the house and obtain a better control on your property

COMFORT

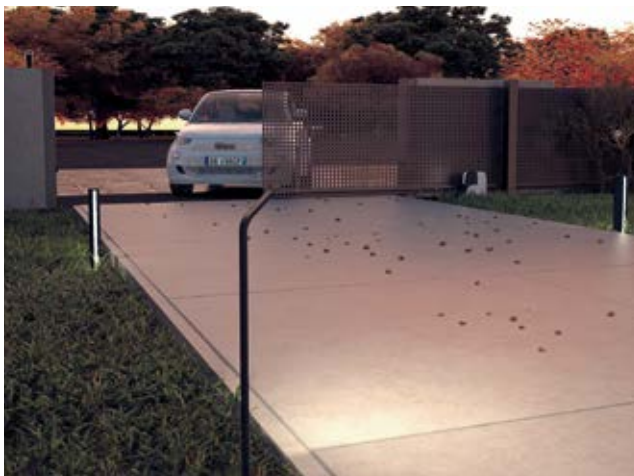
Defines the width of the driveway passage during the night hours, simplifying the entrance and exit from the house

SAVING

The use of LEDs allows lower power consumption compared to the use of traditional incandescent bulbs providing a longer life cycle and a brighter vision. The cost of the Night Light System energy consumption referred to the lights at night is about 1 Euro per year*

PERFORMANCE

Designed and manufactured in compliance with the requirements of the EU standards and Italian quality. Efficient and reliable, tested for wear resistance and long durability for both mechanical and electronic components. Simple to install, easy to use and, above all, safe for the whole family



*Night Light System: example of system for swing gates (Ray, Révo), consisting of three courtesy lights set at medium-high power, switched on constantly for 12 hours a day, every day of the year, with an energy cost equal to 0.10 euro/Kw (average price of the share of energy of one kWh for residential domestic use for a 3kWh utility, in the F2/F3 band, data for Italy 2024)

06 NEW ITEMS IN THE CATALOGUE

STORM



STORM

Explore Key Automation's innovative range of industrial motors.

A new generation of industrial sliding motors, up to 2500 kg 24 Vdc, for super intensive use. Set up for connecting up to 30 LED lights for outdoor use

PLUS

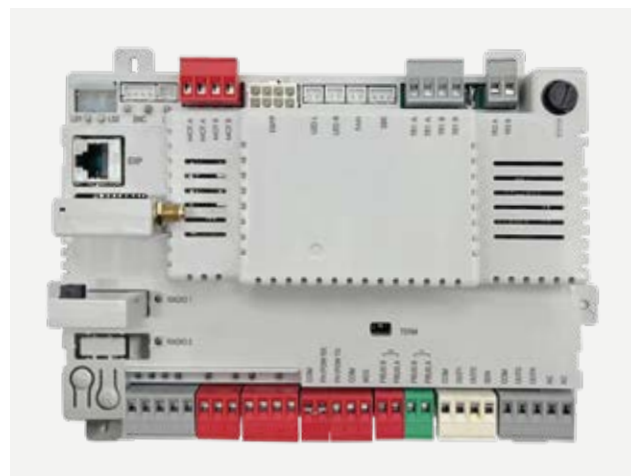
Large internal spaces for cable passage and optional accessories also in DIN rail

Integrated LEDs for night lighting (Night Light System)

Possibility of installing photocells from the FT23 / FT43 / FT43PB series on the motor body

Versions available with new control unit MA24ISL for continuous industrial use or with control unit CT10324 for condominium use. Also available in FASTLINE versions (40cm/s)

*aggregate power for light outputs plus services: 40 W



MA24ISL

NEW 24 Vdc CONTROL UNIT

Input for PowerBUS accessories, with configuration and diagnostics via app

Up to 8 pairs of photocells, 2 flashing lights, 2 keyboards connectable via PowerBUS

4 configurable outputs

Programming and access with KUBEPRO/KUBE IoT modules or DYL

Ready for Ethernet connection (via optional interface)

2 slots for new 433MHz unidirectional and 868MHz bidirectional radio receivers

06 NEW ITEMS IN THE CATALOGUE

TURBO S



TURBO S

New generation of residential sliding motors, up to 1600kg, 24 Vdc and 230 Vac

PLUS

Available in 24 Vdc versions with integrated backup batteries

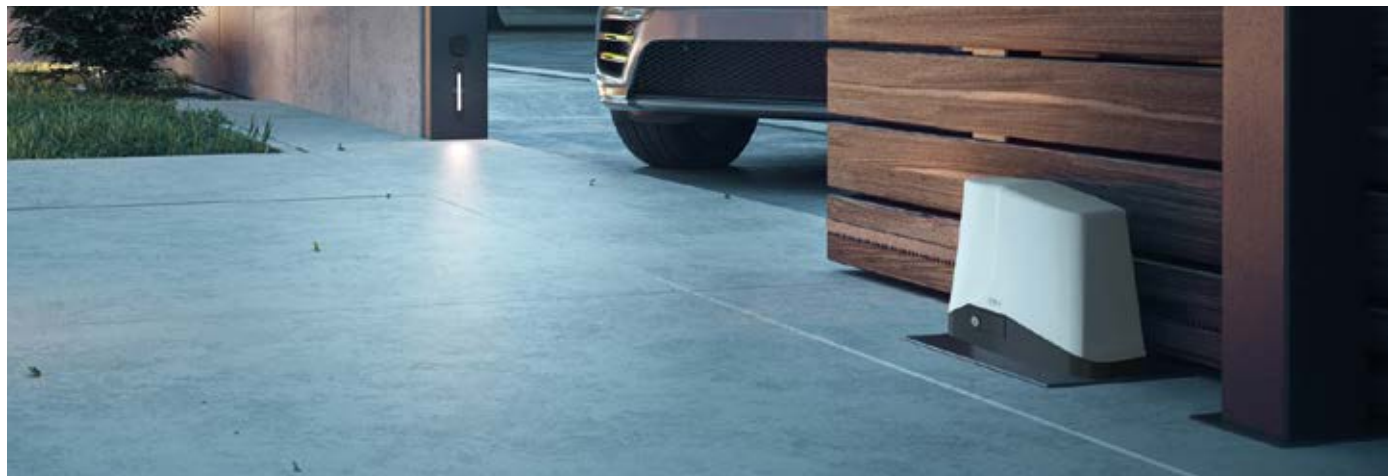
Fixing points interchangeable with competitors foundation plates

CT10324

New 24 Vdc control unit

Set up for programming and access with KUBEPRO / KUBE IoT module

Ready for connection to PowerBUS accessories (via optional BUS interface, alternative to KUBE/KUBEPRO)





ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 4 m, 24 Vdc WITH INTEGRATED NIGHT LIGHT SYSTEM



PLUS

High technological materials resistant to weather conditions

User friendly. Manual unlock possible with Sub transmitter

Built in LED light in the front of the motor body, to light up gate entrance and define width of the passage at night

UV-resistant plastic covers

Aligned front and rear mounting brackets for ease of motor installation

Extremely silent mechanics, protected by robust die-cast and powder-coated aluminum body

FASTLINE

RAY FAST: opening speed at 90° in 10 seconds*

* adjustable slowdowns

MODELS

CODE	DESCRIPTION	PCS PALLET
RAY2524	For swing gates with maximum length 3 m or max weight 500 kg per leaf, 24 Vdc motor. Possible use for gates up to 4m in combination with electric lock. Residential use	25
RAY2524E	For swing gates with maximum length 3 m or max weight 500 kg per leaf, 24 Vdc motor, with encoder. Residential use	25
RAY4024E	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 24 Vdc motor, with encoder. Intensive use	25
KRAY4024R	For swing gates with maximum length 4 m or max weight 500 kg per leaf, 24 Vdc motor, reversible, included of power module PO24R, with encoder. Intensive use	25
RAY3024F	For swing gates with maximum length 3 m or max weight 300 kg per leaf, 24 Vdc motor, with encoder. Residential use	25



Built-in LED light mask



Possibility to unlock motor with transmitter



Robust bronze lock nut on endless screw



Metal gearing (RAY4024E, RAY4024R, RAY3024F)

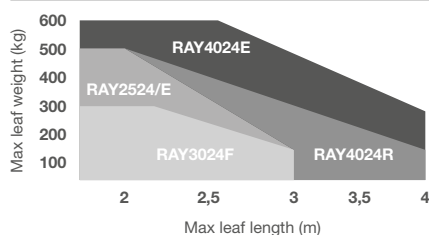
TECHNICAL DATA

		RAY2524	RAY2524E	RAY4024E	KRAY4024R	RAY3024F
MECHANICAL DATA						
speed	cm/s	2,6	2,6	1,5	3	3,8
pulling force	N	1500	1500	2000	1000	1000
cycles/hour *		40	40	40	40	40
opening time at 90° **	sec	18-25	18-25	20-25	20-25	10-15
ELECTRICAL DATA						
control unit		14AB	14AB	14AB2	14AB2	14AB2F
voltage	Vdc	24	24	24	24	24
consumption	A	3,5	3,5	5	5	5
absorbed power	W	85	85	120	120	120
integrated lights		yes	yes	yes	yes	yes
GENERIC DATA						
protection degree	IP	44	44	44	44	44
dimensions (L - D - H)	mm	844 - 100 - 104				
weight	kg cad	8,1	9,65	9,3	9,4	9,3
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55
leaf maximum weight	kg	500	500	600	500	300

* with non-panelled door at a temperature of 20°C

** with optimized fixing dimensions

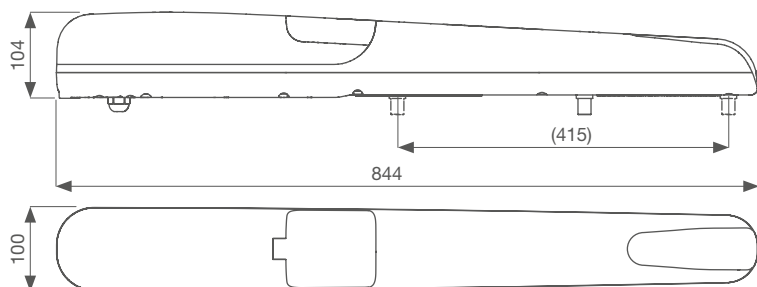
LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

The RAY4024 model is recommended for condominium installations

DIMENSIONS



ACCESSORIES

<p>ADFB Pair of adjustable front mounting brackets</p>	<p>ADRB Pair of adjustable rear mounting brackets</p>	<p>ADWA Adapter kit for competitors motors</p>	<p>FCRAY Mechanical stop in closing</p>
<p>ELS-C 12 V horizontal electric lock. Up to 2000 Kg</p>	<p>KBP Kit of 1.3 Ah lead battery and battery charger</p>	<p>KITFIXBATT Fixing brackets for batteries 24 Vdc</p>	<p>KC Unlock key cylinder</p>
<p>EXRB Extension bracket for outside opening</p>	<p>STAF032A00 Adapting rear bracket</p>	<p>550CABL045A00 * Special cable for Eclipse flash light RG174 50 Ohm + 4 x 0,50 mm² (100m)</p>	<p>14AB2 Control unit in box for two 24 Vdc motors</p>
<p>14AB2F Control unit in box for two 24 Vdc motors (only RAY3024F)</p>	<p>DYL Programming module Cable length 120 cm (only 14A board)</p>	<p>KUBEPRO Wireless programming module</p>	<p>KUBE Wireless controlling module for end user</p>

* it is not recommended to use a connection longer than 4 m to avoid sensible loss of reach

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 4 m, 24 Vdc AND 230 Vac



PLUS








- High technological materials resistant to weather conditions

Manual unlock possible with SUB transmitter, user friendly

UV-resistant plastic covers
- Extremely silent mechanics, protected by robust die-cast and powder-coated aluminum body

Aligned front and rear mounting brackets for ease of motor installation

MODELS

CODE	DESCRIPTION	PCS PALLET
RAY40	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 230 Vac motor. Residential use	25
RAY40LATI	 For swing gates with a maximum length of 4 m or maximum weight of 600 kg per leaf, 230 Vac motor with ADWA bracket included. Suitable for replacing the Came* ATI A3000 and AXO series models. Residential use	25
 RAY2224	For swing gates with maximum length 3 m or max weight 300 kg per leaf, 24 Vdc motor. Residential use	25
 RAY224WIN	 For swing gates with a maximum length of 3 m or a maximum weight of 300 kg per leaf, 24 Vdc dc motor with ADWA bracket included. Suitable for replacing the Nice* Wingo 2024 and 4024 series models. Residential use	25
 RAY4224E	For swing gates with maximum length 4 m or max weight 600 kg per leaf, 24 Vdc motor with encoder. Intensive use	25
 RAY424TOW	 For swing gates with a maximum length of 4 m or a maximum weight of 600 kg per leaf, 24 Vdc dc motor with encoder and STAF032A00 accessory. Suitable for replacing the Nice* Toona 4000 models. Intensive use	25



Stylish design screwless at sight



Possibility to unlock motor with transmitter



In line brackets



Metal gearing (RAY40, RAY4224E)

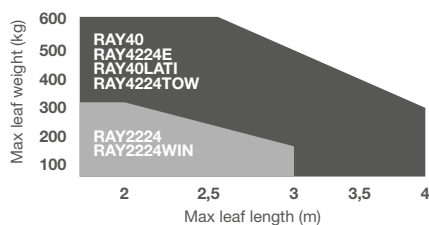
* The brands mentioned are not owned by KEY AUTOMATION

TECHNICAL DATA

		RAY40 RAY40LATI	RAY2224 RAY2224WIN	RAY4224E RAY424TOW
MECHANICAL DATA				
speed	cm/s	1,6	2,6	1,5
pulling force	N	2000	1500	2000
cycles/hour *		30	40	40
opening time at 90° **	sec	20-25	18-25	20-25
ELECTRICAL DATA				
control unit		CT202	CT20324	CT20324E
voltage	Vac	230	-	-
	Vdc	-	24	24
frequency	Hz	50/60	-	-
consumption	A	1,2	3,5	5
absorbed power	W	280	85	120
capacitor	µF	8	-	-
thermoprotection	°C	150	-	-
GENERIC DATA				
protection degree	IP	44	44	44
dimensions (L - D - H)	mm	844 - 100 - 104		
weight	kg cad	10,2	8	9,3
working temperature	°C	-20 + 55	-20 + 55	-20 + 55
leaf maximum weight	kg	600	300	600

* with non-panelled door at a temperature of 20°C
 ** with optimized fixing dimensions

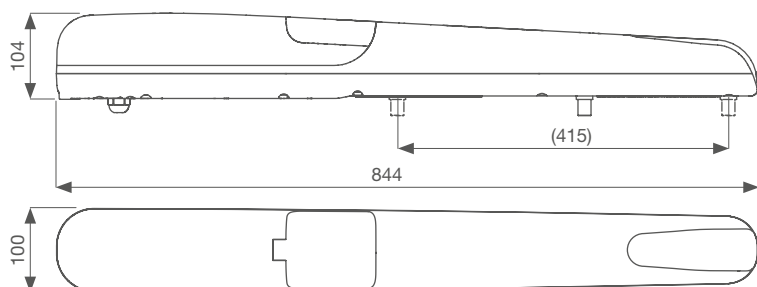
LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

The RAY4224E model is recommended for condominium installations

DIMENSIONS



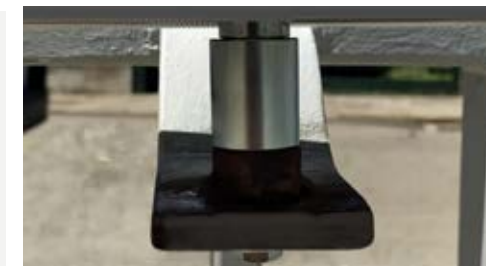
ACCESSORIES

 ADFB Pair of adjustable front mounting brackets PC 1	 ADRB Pair of adjustable rear mounting brackets PC 1	 ADWA Adapter kit for competitors motors. Already included in models RAY40LATI and RAY2224WIN PC 1	 FCRAY Mechanical stop in closing PC 1
 ELS-C 12 V horizontal electric lock. Up to 2000 kg PC 1	 KBP Kit of 1.3 Ah lead battery and battery charger PC 1	 KITFIXBATT Fixing brackets for batteries 24 Vdc PC 1	 KC Unlock key cylinder PC 1
 EXRB Extension bracket for outside opening PC 1	 STAF032A00 Adapting rear bracket. Already included in the model RAY424TOW PC 1	 CT20324 Control unit 2 motors, 24 Vdc in box (only RAY2224) PC 1	 CT20324E Control unit 2 motors, 24 Vdc in box (only RAY2224E) PC 1
 CT202 Control unit in box for two 230 Vac motors (only RAY40) PC 1	 RX4K 4-channel plug-in receiver, 433MHz, for CT202 control unit PC 1	 KUBEPRO Wireless module for programming (only 24 Vdc) PC 1	 KUBE Wireless controlling module for end user (only 24 Vdc) PC 1

* The brands mentioned are not owned by KEY AUTOMATION



Adapter bracket STAF032A00 for replacing the Nice* Toona 4000 models




ADWA bracket for replacing the model Came* Ati A3000 - Axo series and the models Nice* Wingo 2024 - 4024 series



NEW
COLOR

MODELS

CODE	DESCRIPTION	PCS PALLET
 STAR3024	For swing gates with maximum length 3 m per leaf, pair of irreversible 24 Vdc motors, without encoder (2 pcs, left and right). Residential use	18

PLUS

- Without encoder, simple wiring and precise operation
- Easy slowdown and open limit settings
- Mechanical parts well protected from external debris
- Compatible with control unit CT20324 (optional)
- Motor up to 3 m max length
- Available in kit version



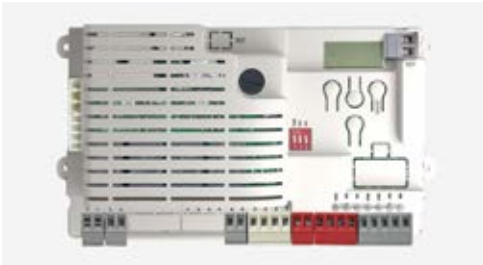
Sturdy telescopic stem



Simple and reliable reduction



Without encoder



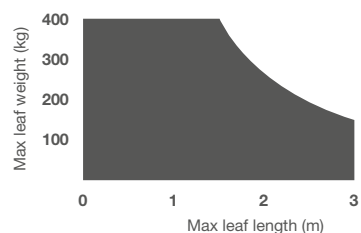
New control unit CT20324 with integrated receiver programmable with KUBEPRO

TECHNICAL DATA

STAR3024		
MECHANICAL DATA		
speed	cm/s	2,5
pulling force	N	1400
cycles/hour *		40
opening time at 90°	sec	18-25
ELECTRICAL DATA		
control unit		CT20324
voltage	Vdc	24
consumption	A	3,5
absorbed power	W	85
GENERIC DATA		
protection degree	IP	54
dimensions (L - D - H)	mm	741 - 115 - 177
weight	kg cad	9,24
working temperature	°C	-20 + 55
leaf maximum weight	kg	400

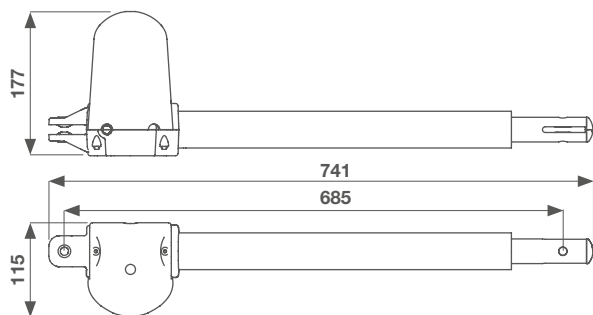
* with non-panelled door at a temperature of 20°C

LIMIT USE



Gate shape and height, weather conditions, and the presence of strong winds can considerably reduce the values shown in the graph

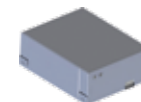
DIMENSIONS



ACCESSORIES



ELS-C
12 V horizontal electric lock.
Up to 2000 Kg



KBP
Kit of 1.3 Ah lead battery and
battery charger



KITFIXBATT
Fixing brackets for batteries
24 V



CT20324
Control unit 2 motors,
24 Vdc in box

PC 1



KUBEPRO
Wireless module for
programming

PC 1

PC 1



KUBE
Module for automation control
from smartphone

PC 1

PC 1

PC 1

ELECTROMECHANICAL GEAR MOTOR WITH ARTICULATED ARM FOR SWING GATES WITH LEAVES UP TO 2,3 m, 24 Vdc WITH INTEGRATED NIGHT LIGHT SYSTEM



PLUS

Even more compact size. Installation height just 5 cm from ground level

The product combines a lighting system with an articulated arm gear motor. Designed for swing gates made of aluminum, PVC or wood leaves

Simplified adjustment of the on-board mechanical stops as standard

The articulated arm allows the installation of RÉVO+ in all those difficult situations where there is a significant depth between the leaf and the column, or with very narrow columns (10x10 cm)

Available in two versions, with articulated arm or sliding arm for reduced openings

Ideal for narrow columns or pillars with reduced dimensions. Compact shape and silent movement, made of strong die-cast aluminum and UV resistant covers

The unlocking system is simple and intuitive, also possible using the transmitter Sub

Optional unlock from the outside

MODELS

CODE	DESCRIPTION	PCS PALLET
REP2024	For swing gates with a maximum length of 2.3 m or weight of 250 kg per leaf, 24 Vdc motor (including one PO24 power module). Residential use	24
REP2024S	For swing gates with maximum length 2,3 m or weight 250 kg per leaf, 24 Vdc motor. Without control unit. Residential use	24



Installation up to 5 cm from the ground



Easy cable passage



Suitable for narrow pillars (10x10 cm)



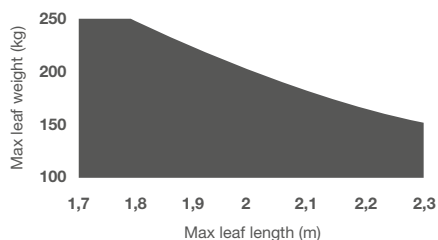
Simplified limit switch adjustment

TECHNICAL DATA

		REP2024	REP2024S
MECHANICAL DATA			
torque	Nm	120	120
cycles/hour *		30	30
opening time at 90°	sec	14-20	14-20
ELECTRICAL DATA			
control unit		14A	-
voltage	Vac	230	-
	Vdc	-	24
consumption	A	0,6	2
absorbed power	W	115	50
integrated lights		yes	yes
GENERIC DATA			
protection degree	IP	44	44
dimensions (L - D - H)	mm	125 - 255 - 310	125 - 255 - 310
weight	kg cad	13	10
working temperature	°C	-20 + 55	-20 + 55
leaf maximum weight	kg	250	250

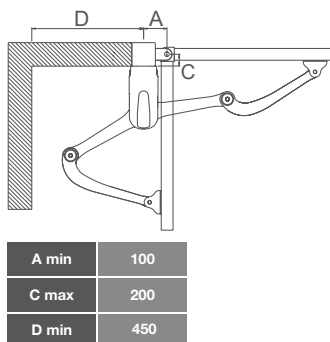
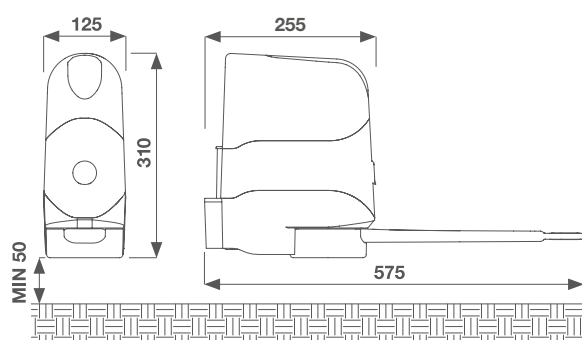
* with non-panelled door at a temperature of 20°C

LIMIT USE



Gate shape and height, weather conditions, and the presence of strong winds can considerably reduce the values shown in the graph

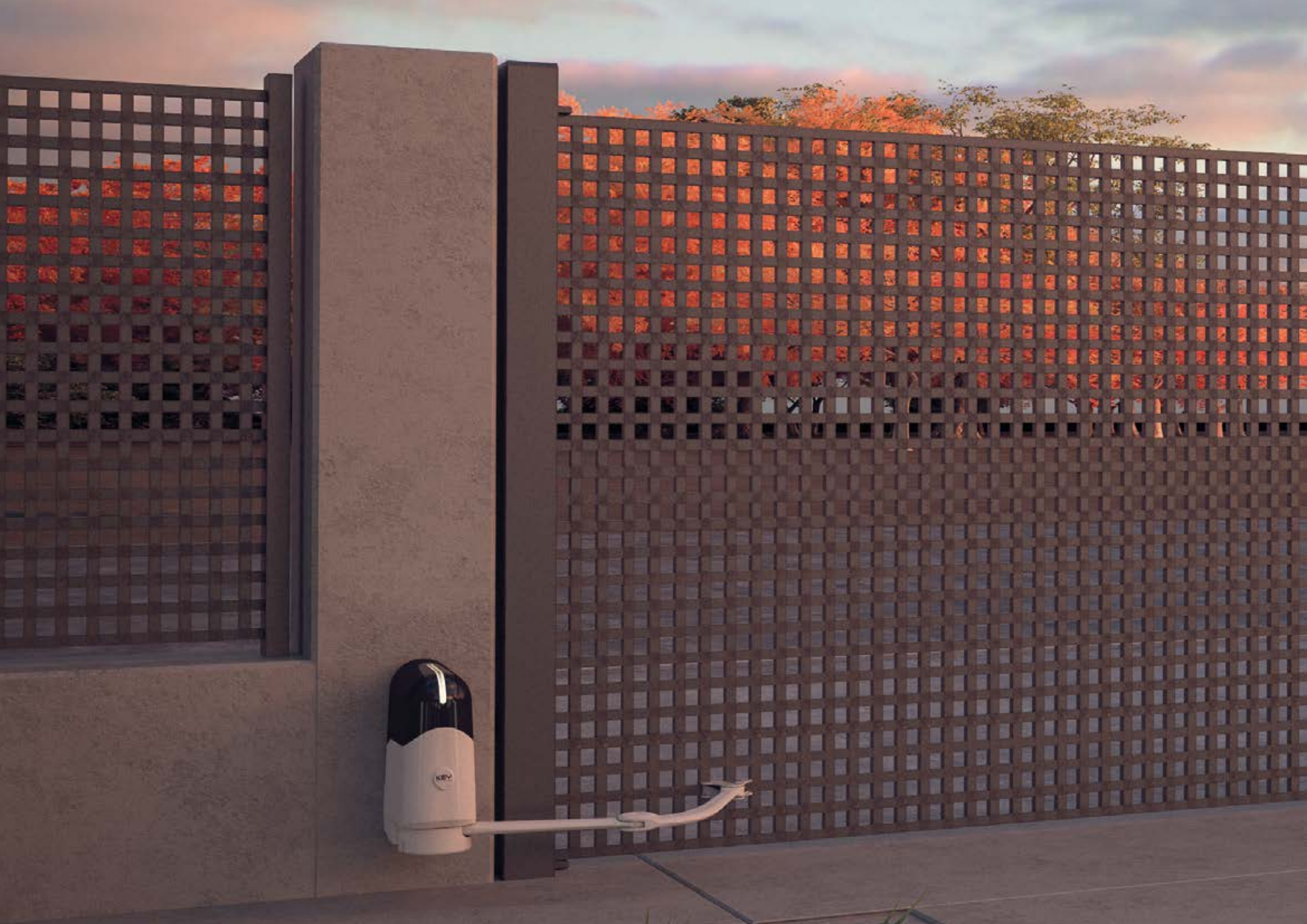
DIMENSIONS

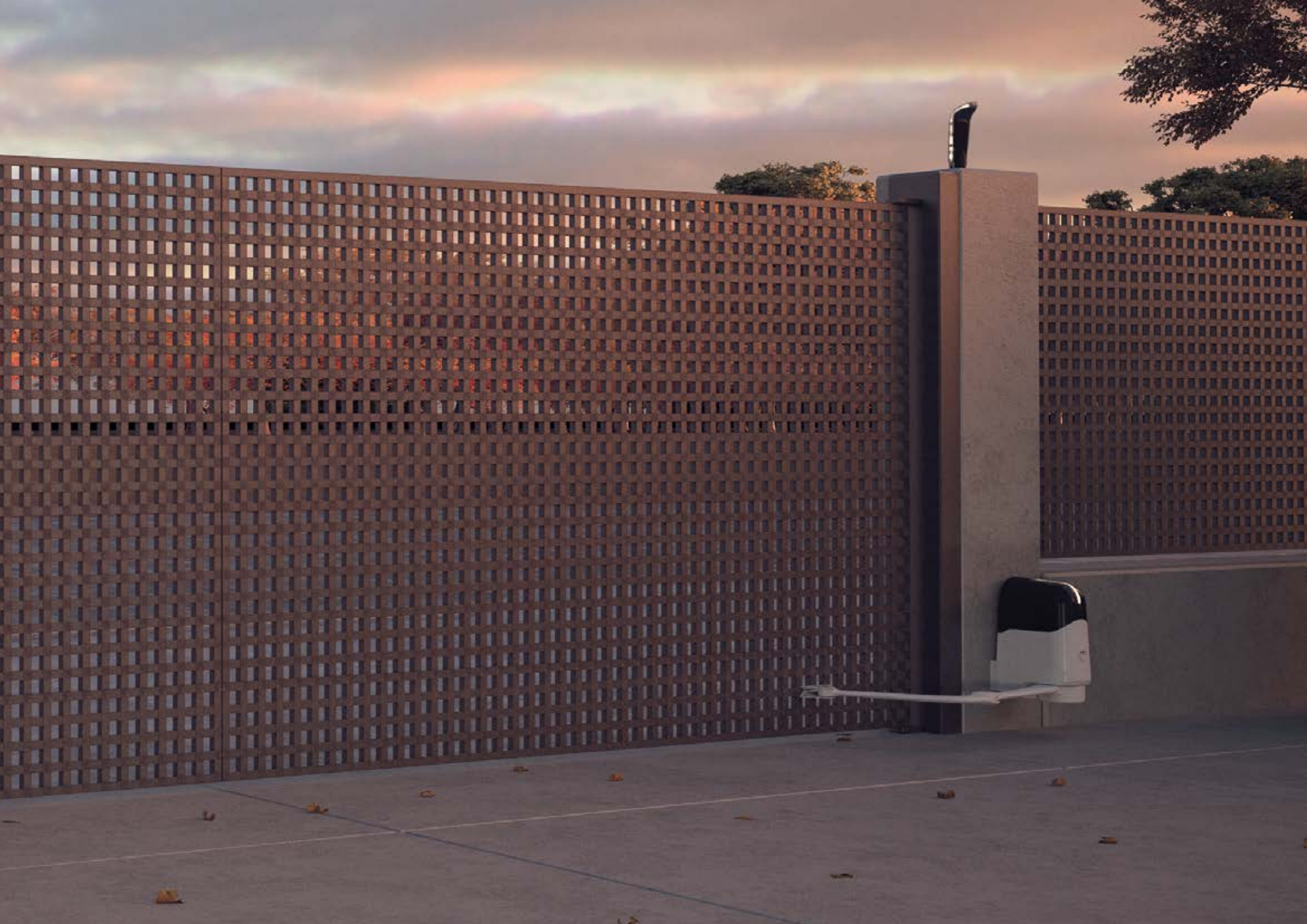


ACCESSORIES

 ELS-C 12 V horizontal electric lock. Up to 2000 Kg PC 1	 KBPN Kit of 1.3 Ah NiMH battery and battery charger PC 1	 KC Unlock key cylinder PC 1	 REV1 Slide arm PC 1
 REV2 Arm for reduced openings PC 1	 REV3 External release unlock kit PC 1	 BMET Metal box with release system PC 1	 550CABL045A00 * Special cable for Eclipse flash light RG174 50 Ohm + 4 x 0,50 mm² (100m) PC 1
 DYL Programming module Cable length 120 cm (only 14A board) PC 1	 KUBEPRO Wireless programming module PC 1	 KUBE Module for automation control from smartphone PC 1	





* it is not recommended to use a connection longer than 4 m to avoid sensible loss of reach







MODELS

CODE	DESCRIPTION	PCS PALLET
UND	For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 1.5 m. Residential use	18
UND10	For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 10 m. Residential use	18
 UND24	For swing gates with maximum length 3,5 m, 24 Vdc motor, without encoder, with opening and closing mechanical stops. Intensive use	18
 UND24F 	For pedestrian entrances with swing gates with a maximum length of 3 m, 24 Vdc motor with encoder and with opening and closing limit switches. Intensive use	18
 UND24E	For swing gates with maximum length 3,5 m, 24 Vdc motor, with encoder, with opening and closing mechanical stops. Intensive use	18

PLUS

Compatible with foundation box CF3 or CI3
Unlock lever with key and integrated pull lever
Opening and closing mechanical stops included
Compatible with 230 Vac control unit CT202
Shell compatible with other producers' foundation boxes (with ADUN accessory)
24 Vdc motor with and without encoder

Possibility to choose between 1.5 m and 10 m cable motor (for 230 Vac)
Adjustable speed and slowdown functions

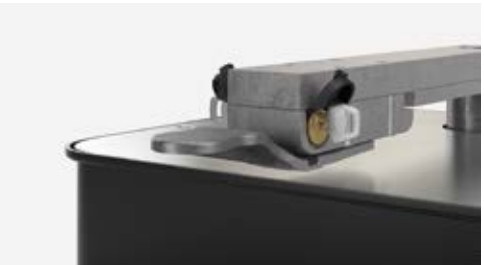
FASTLINE
UNDER FAST ideal for pedestrian gates: 90° opening rate in 10 seconds*
* adjustable slowdowns



High precision mechanical stops



Full metal gears



Internal and external unlock with special metal key



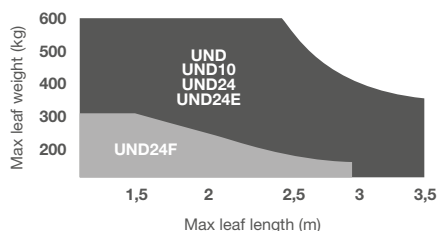
Easy maintenance thanks to the double greasers both on housing and gear motor

TECHNICAL DATA

		UND	UND10	UND24 UND24E	UND24F
MECHANICAL DATA					
torque	Nm	300	300	250	130
cycles/hour *		20	20	40	60
opening time at 90°	sec	20	20	18-25	10-15
ELECTRICAL DATA					
control unit		CT202	CT202	14AB2	14AB2F
voltage	Vac	230	230	-	-
	Vdc	-	-	24	24
consumption	A	1	1	5	5
absorbed power	W	230	230	120	120
capacitor	μF	10	10	-	-
thermoprotection	°C	150	150	-	-
GENERIC DATA					
protection degree	IP	67	67	67	67
dimensions (L - D - H)	mm	412 - 160 - 346			
weight	kg cad	11,4	12,4	10,1	10,1
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
leaf maximum weight	kg	600	600	600	300

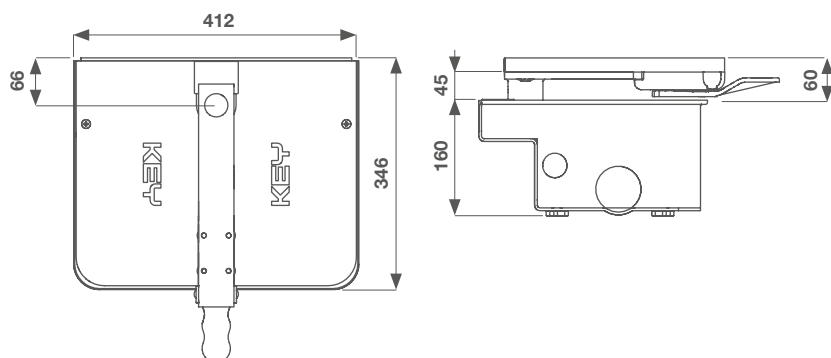
* with non-panelled door at a temperature of 20°C

LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

DIMENSIONS



ACCESSORIES

 ELS-C 12 V horizontal electric lock. Up to 2000 Kg PC 1	 KBP Kit of 1.3 Ah lead battery and battery charger PC 1	 KITFIXBATT Fixing brackets for batteries PC 1	 CF3* Cataphoresis housing box with galvanised cover and unlock lever SB3 PC 1
 CI3* Stainless steel housing box, with unlock lever SB3 PC 1	 CF3SB* Cataphoresis housing box, without connecting levers PC 1	 ADUN Fixing kit for other producers' boxes PC 1	 SB3 Unlock lever with key PC 1
 OP100 Kit for over 100° opening. Leaf length max 3000 mm PC 1	 550CABL045A00* Special cable for Eclipse flash light RG174 50 Ohm + 4 x 0,50 mm² (100m) PC 1	 14AB2F Control unit in box for two 24 Vdc motors (only UND24F) PC 1	 CT20324 Control unit 2 motors, 24 Vdc in box (only UND24) PC 1
 CT202 Control unit in box for two 230 Vac motors PC 1	 14AB2 Control unit in box for two 24 Vdc motors PC 1	 RX4K 4-channel plug-in receiver, 433MHz PC 1	 DYL Programming module Cable length 120 cm (only 14A board) PC 1
 KUBEPRO Wireless programming module PC 1	 KUBE Module for automation control from smartphone PC 1		

* 36 pcs pallet



ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES UP TO 1100 Kg, 24 Vdc WITH INTEGRATED NIGHT LIGHT SYSTEM



PLUS

Built-in LED light at the front to safely illuminate the entire width of the passage while also enhancing the gate's appearance

High technological materials resistant to weather conditions

Gear reduction with extra-large bearing with high performances

Extremely silent mechanics, protected by robust die-cast and powder-coated aluminum body

With 24 Vdc control unit 14A

The release system is ergonomic, efficient and easily accessible

Magnetic limit switch version upon request

Back-up battery (optional) on board

UV-resistant plastic covers

FASTLINE

SUN FAST: Opening speed up to 40 cm/sec

MODELS

CODE	DESCRIPTION	PCS PALLET
SUN5024	For sliding gates up to 500 Kg, 24 Vdc motor, control unit 14A with slowdown and electric limit switch. Residential use	36
SUN7024	For sliding gates up to 700 Kg, 24 Vdc motor, control unit 14A with slowdown and electric limit switch. Intensive use	36
SUN11024	For sliding gates up to 1100 Kg, 24 Vdc motor, control unit 14A with slowdown and electric limit switch. Intensive use	36
SUN5024F	For sliding gates up to 500 Kg, 24 Vdc fast motor, control unit 14A with slowdown and magnetic limit switch. Intensive use	36



Control unit 14A



Built-in LED light




Robust gear reduction with self-standing bearing



Stylish design screwless at sight

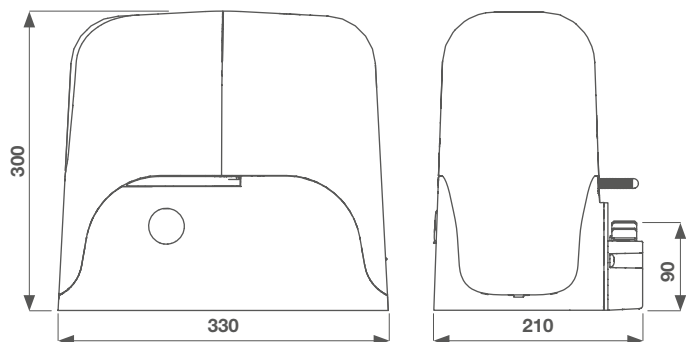
TECHNICAL DATA

		SUN5024	SUN7024	SUN11024	SUN5024F
MECHANICAL DATA					
speed*	cm/s	26	25	20	40
torque	Nm	18	26	38	23
cycles/hour **		40	40	50	40
ELECTRICAL DATA					
control unit		14A	14A	14A	14AF 
power supply automation	Vac	230	230	230	230
frequency	Hz	50/60	50/60	50/60	50/60
motor power supply	Vdc	24	24	24	24
consumption	A	1,1	1,5	1,8	1,3
absorbed power	W	250	345	360	300
capacitor	µF	-	-	-	-
thermoprotection	°C	-	-	-	-
integrated lights		yes			
GENERIC DATA					
protection degree	IP	44			
dimensions (L - D - H)	mm	330 - 210 - 300			
weight	kg	12,5	13,8	14,5	14
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
gate maximum weight	kg	500	700	1100	500

*The value varies according to the weight of the gate. For use in shared ownership, we recommend using 700 kg models

** Cycles/hour referring to a standard leaf with a length of 4m and weight of 200kg, evaluated at an ambient temperature of 20°C

DIMENSIONS



ACCESSORIES

 <p>RN800 * M4 nylon rack L=1000 mm for gates up to 800 kg</p> <p>€/m</p>	 <p>CREM-8 ** M4 zinc coated rack 30x8 mm L=1000 mm</p> <p>€/m</p>	 <p>CREM-12 ** M4 zinc coated rack 30x12 mm L=1000 mm</p> <p>€/m</p>	 <p>FIMAS Magnetic limit switch conversion kit</p> <p>PC 1</p>
 <p>KBP Kit of 1.3 Ah lead battery and battery charger</p> <p>PC 1</p>	 <p>KCS Unlock kit with key</p> <p>PC 1</p>	 <p>550CABL045A00 *** Special cable for Eclipse flash light RG174 50 Ohm + 4 x 0,50 mm² (100m)</p> <p>PC 1</p>	 <p>TWIN Interface for master/slave function (SUN7024 and SUN11024)</p> <p>PC 1</p>
 <p>DYL Programming module Cable length 120 cm (only 14A board)</p> <p>PC 1</p>	 <p>KUBEPRO Wireless programming modules</p> <p>PC 1</p>	 <p>KUBE Module for automation control from smartphone</p> <p>PC 1</p>	

* Pack of 10 pcs
** Pack of 4 pcs
*** It is not recommended to use a connection longer than 4 m to avoid sensible loss of reach

TURBO S

ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES UP TO 1100 kg, 24 Vdc



NEW

PLUS

Extremely silent mechanics and robust die-cast aluminum shells with powder coating

With 24 Vdc CT10324 control unit with integrated display programmable with smartphone

Compatibility with fixing plate for Came* series BX and Nice* Robus/Rox 600-1000

Easy maintenance thanks to the horizontal control unit position

High technological materials resistant to weather conditions

Stylish design screwless at sight













Robust and high-performance motors

With slowdown function both in opening and closing to preserve gate integrity

Bracket kit for backward compatibility Turbo S on Faac* 746

Available also in a Low Energy version, with reduced stand-by current consumption

MODELS

CODE	DESCRIPTION	PCS PALLET
 TUS4324 	 For sliding gates up to 400 kg, 24 Vdc motor with electric limit switches, CT10324 control unit. Residential use 	36
 TUS7324 	 For sliding gates up to 700 kg, 24 Vdc motor with electric limit switches, CT10324 control unit. Intensive use 	36
 TUS11324 	 For sliding gates up to 1100 kg, 24 Vdc motor with electric limit switches, CT10324 control unit. Intensive use 	36



Battery backup housing KBPN and control unit CT10324 on 24 Vdc models



Without visible screws, cover retention system hidden within the release lever



Control unit CT10324 with integrated receiver programmable with KUBEPRO



Fixing holes compatible with:
Nice* Robus/Rox 600-1000 series, Came* BX series
Faac* 746 (with specific additional accessory)

* The brands mentioned are not owned by KEY AUTOMATION

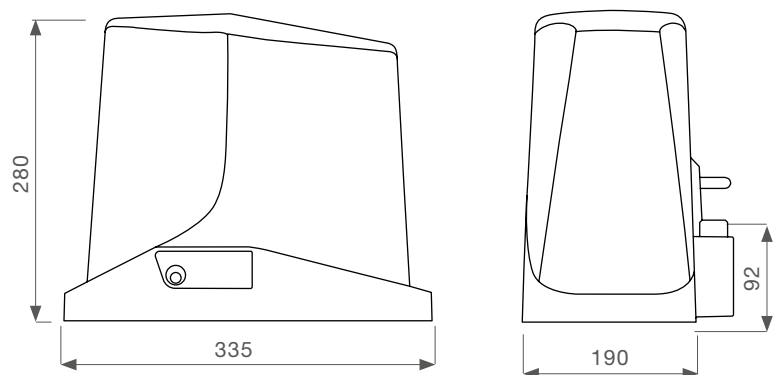
TECHNICAL DATA

		TUS4324	TUS7324	TUS11324
MECHANICAL DATA				
speed*	cm/s	24	25	20
torque	Nm	12	26	38
cycles/hour **		40	40	50
ELECTRICAL DATA				
control unit		CT10324	CT10324	CT102B
automation power supply	Vac	230	230	230
frequency	Hz	50/60	50/60	50/60
motor power supply	Vdc	24	24	24
consumption	A	1,1	1,5	1,3
absorbed power	W	250	500	300
GENERIC DATA				
protection degree	IP		44	
dimensions (L - D - H)	mm		335 - 190 - 280	
weight	kg	7	8,5	8,8
working temperature	°C	-20 + 55	-20 + 55	-20 + 55
gate maximum weight	kg	400	700	1100










* Variable data according to gate weight

** Cycles/hour referring to a standard leaf with a length of 4m and weight of 200kg, evaluated at an ambient temperature of 20°C

DIMENSIONS



ACCESSORIES

 <p>RN800 ** M4 nylon rack L=1000 mm for gates up to 800 kg</p> <p>€/m</p>	 <p>CREM-8 *** M4 zinc coated rack 30x8 mm L=1000 mm</p> <p>€/m</p>	 <p>CREM-12 *** M4 zinc coated rack 30x12 mm L=1000 mm</p> <p>€/m</p>	 <p>FIMAT Magnetic limit switch conversion kit</p> <p>PC 1</p>
 <p>RX4K 4-channel plug-in receiver, 433MHz, for CT202 control unit</p> <p>PC 1</p>	 <p>KUBEPRO Wireless programming module</p> <p>PC 1</p>	 <p>KUBE Module for automation control from smartphone</p> <p>PC 1</p>	 <p>KBPN Kit of 1.3 Ah NiMH battery and battery charger</p> <p>PC 1</p>
 <p>STAF097A00 Bracket kit for backward compatibility TURBO S on Faac® 746</p> <p>PCS 2</p>			

* The brands mentioned are not owned by KEY AUTOMATION
 ** Pack of 10 pcs
 *** Pack of 4 pcs

TURBO S

ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES UP TO 1600KG, 230 Vac







NEW

PLUS

- Extremely silent mechanics and robust die-cast aluminum shells with powder coating
- With 230 Vac CT102B control unit with integrated display
- Compatibility with fixing plate for Came* series BX and Nice* Robus/Rox 600-1000 motors
- Easy maintenance thanks to the horizontal control unit position
- High technological materials resistant to weather conditions

- Stylish design screwless at sight
- Robust and high-performance motors
- With slowdown function both in opening and closing to preserve gate integrity
- Bracket kit for backward compatibility Turbo S on Faac* 746

MODELS

CODE	DESCRIPTION	PCS PALLET
TUS62	 For sliding gates up to 600 kg, 230 Vac motor, control unit with slowdown and electric limit switches. Residential use	36
TUS92	 For sliding gates up to 900 kg, 230 Vac motor, control unit with slowdown and electric limit switches. Residential use	36
TUS122	 For sliding gates up to 1200 kg, 230 Vac motor, control unit with slowdown and electric limit switches. Residential use	36
TUS162	 For sliding gates up to 1600 kg, 230 Vac motor, control unit with slowdown and electric limit switches. Residential use	36



Without visible screws, cover retention system hidden within the release lever



Fixing holes compatible with:
Nice* Robus/Rox 600-1000 series, Came* BX series
Faac* 746 (with specific additional accessory)
and KEY Turbo



Increased motor performance: capacity increased from 500 to 600 kg and from 800 to 900 kg

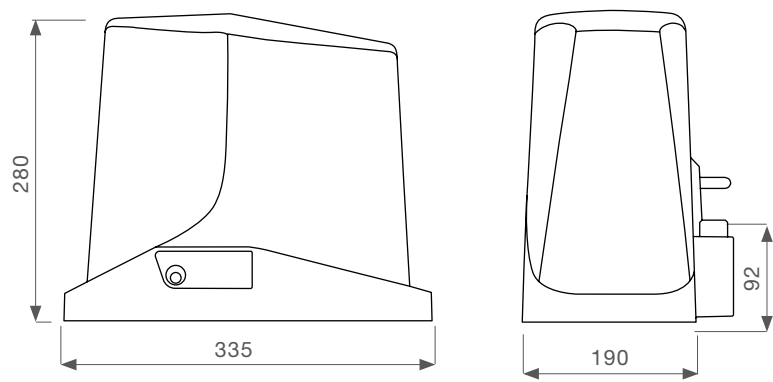
* The brands mentioned are not owned by KEY AUTOMATION

TECHNICAL DATA

		TUS62	TUS92	TUS122	TUS162
MECHANICAL DATA					
speed*	cm/s	16	16	16	16
torque	Nm	16	29	35	40
cycles/hour **		20	20	20	20
ELECTRICAL DATA					
control unit		CT102B	CT102B	CT102B	CT102B
voltage	Vac	230	230	230	230
consumption	A	1,7	2	2,6	3
absorbed power	W	380	450	600	700
GENERIC DATA					
protection degree	IP	44			
dimensions (L - D - H)	mm	335 - 190 - 280			
weight	kg	9,1	9,8	10,8	11,5
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
gate maximum weight	kg	600	900	1200	1600

* Variable data according to gate weight
 ** Cycles/hour referring to a standard leaf with a length of 4m and weight of 200kg, evaluated at an ambient temperature of 20°C

DIMENSIONS



ACCESSORIES

RN800 **
M4 nylon rack
L=1000 mm for gates up to 800 kg

€/m

CREM-8 ***
M4 zinc coated rack
30x8 mm L=1000 mm

€/m

CREM-12 ***
M4 zinc coated rack
30x12 mm L=1000 mm

€/m

FIMAT
Magnetic limit switch conversion kit

PC 1

RX4K
4-channel plug-in receiver,
433MHz, for CT102 control unit

PC 1

STAF097A00
Bracket kit for backward compatibility Turbo S on Faac* 746

PCS 2


* The brands mentioned are not owned by KEY AUTOMATION
 ** Pack of 10 pcs
 *** Pack of 4 pcs

STAR 500

ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES UP TO 5 m, 24 Vdc AND 230 Vac



MODELS

CODE	DESCRIPTION	PCS PALLET
PS-400FA	For swing gates with maximum length 5 m, 230 Vac motor, with opening mechanical stop. Residential use	25
 PS400-24FA	For swing gates with maximum length 5 m, 24 Vdc motor, with opening mechanical stop, with encoder. Intensive use	25

PLUS

Easy mechanical release

Double bearing on the main screw to grant robustness and movement fluidity

Opening mechanical stop to control your gate movement

Compatible with 230 Vac control unit CT202

Compatible with 24 Vdc control unit 14AB2

Mechanical parts well protected from weather conditions



Robust bronze lock nut on endless screw



Easy mechanical release



Double bearing on the main screw to grant robustness and movement fluidity

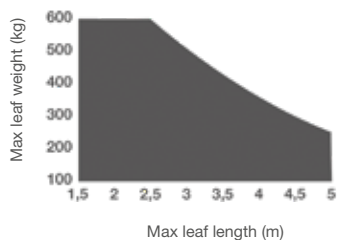


Full-metal reduction

TECHNICAL DATA

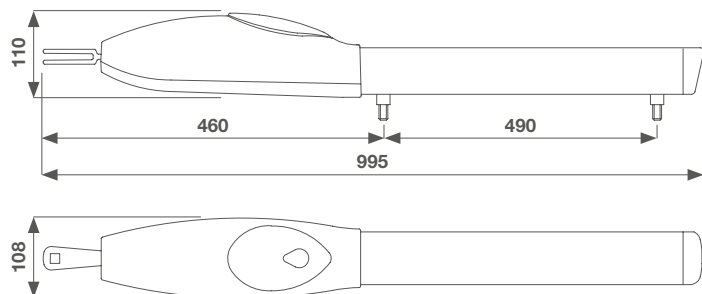
		PS-400FA	PS400-24FA
MECHANICAL DATA			
speed	cm/s	1,4	2,7
pulling force	N	1800	1400
cycles/hour		15	80
opening time at 90°	sec	35	25-35
ELECTRICAL DATA			
control unit		CT202	14AB2
voltage	Vac	230	-
	Vdc	-	24
consumption	A	1,1	5
absorbed power	W	250	120
capacitor	µF	10	-
thermoprotection	°C	150	-
GENERIC DATA			
protection degree	IP	44	44
dimensions (L - D - H)	mm	995 - 108 - 110	995 - 108 - 110
weight	kg cad	9,5	8,8
working temperature	°C	-20 + 55	-20 + 55
leaf maximum weight	kg	600	600

LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

DIMENSIONS



ACCESSORIES

<p>ELS-C Horizontal 12 V electrolock</p>	<p>FC-PS Mechanical closing stop</p>	<p>STPOAVS Rear welded bracket</p>	<p>STANAV Front welded bracket</p>
<p>PC 1</p> <p>14AB2 Control unit in box for two 24 Vdc motors</p>	<p>PC 1</p> <p>CT202 Control unit in box for two 230 Vac motors</p>	<p>PC 1</p> <p>DYL Programming module Cable length 120 cm (for 14A board)</p>	<p>PC 1</p> <p>KUBEPRO Wireless module for programming (only 24 Vdc)</p>
<p>PC 1</p> <p>KUBE Module for automation control from smartphone</p>	<p>PC 1</p> <p>RX4K 4-channel plug-in receiver, 433MHz, for CT202 control unit</p>	<p>PC 1</p>	<p>PC 1</p>



STORM PRO

ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES FOR INTENSIVE INDUSTRIAL USE UP TO 2500 kg, 24 Vdc



PLUS

New generation of gear motors for industry and commerce

Motor with 24 Vdc control unit MA24ISL offering extremely high performance

Programmable via smartphone with KUBEPRO, KUBE and DYL wired display

Large internal spaces for wiring and positioning accessories in DIN rail

7Ah buffer batteries in case of black-out

PowerBUS input for safety devices (up to 8 pairs of FT43PB photocells)

PowerBUS input for courtesy lights (up to 2 flashing lights and 2 EGO keyboards)

Provision on the body for installing FT43 photocells at a height of 50 cm

Courtesy LED lighting (optional) that can be activated via the Night Light System or as a courtesy light whilst manoeuvring











Up to a further 30 connectable lighting fixtures (aggregate power for lights + services: 40W)

Speed: 20 cm/sec, speed or 40 cm/sec (FASTLINE versions)

Magnetic limit switches

Available also in a Low Energy version, with reduced stand-by current consumption

MODELS

CODE	DESCRIPTION	PCS PALLET
 STO25024I 	For sliding gates up to 2500kg, 24 Vdc dc motor with cooling fan, control unit MA24ISL, magnetic limit switches. Continuous industrial use	16
 STO25024 	For sliding gates up to 2500kg, 24 Vdc dc motor, control unit MA24ISL, magnetic limit switches. Intensive use	16
 STO12024FI  	For sliding gates up to 1200kg, FASTLINE version, 24 Vdc dc motor with cooling fan, control unit MA24ISL, magnetic limit switches. Continuous industrial use	16
 STO12024F  	For sliding gates up to 1200kg, FASTLINE version, 24 Vdc dc motor, control unit MA24ISL, magnetic limit switches. Intensive use	16



New dedicated control unit MA24ISL



7Ah buffer batteries (optional)



Air extraction fan for 100% intensity of use



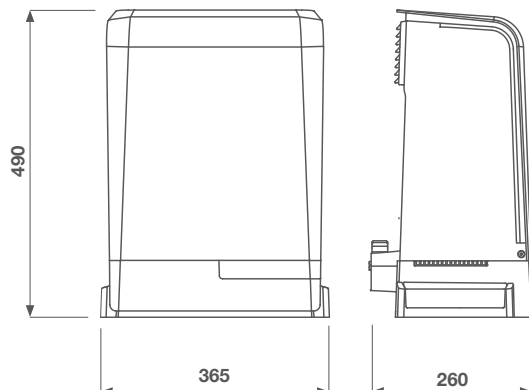
Provision for installing photocells FT43 at a height of 50 cm

TECHNICAL DATA












		STO25024I	STO25024	STO12024FI	STO12024F
MECHANICAL DATA					
speed	cm/s	20	20	40	40
torque	Nm	58	58	29	29
cycles/hour *		40	32	73	58
intermittency	%	100	80	100	80
ELECTRICAL DATA					
control unit		MA24ISL			
automation power supply	Vac	230			
frequency	Hz	50/60			
motor power supply	Vdc	24			
mains absorption	A	3,5	3,5	3,5	3,5
absorbed power	W	600	600	600	600
transformer heat protection	°C	110	110	110	110
GENERIC DATA					
protection degree	IP	44	44	44	44
dimensions (L - D - H)	mm	365 - 490 - 260			
weight	kg	25	25	25	25
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55
gate maximum weight	kg	2500	2500	1200	1200

* cycles/hour referring to a standard leaf with a length of 8 m and weight of 600 kg, evaluated at an ambient temperature of 20°C

DIMENSIONS



ACCESSORIES

			
RUEL004A00 M6 Z12 pinion	CREM-12 * M4 zinc coated rack 30x12 mm L=1000 mm	CREM-30 ** M6 zinc coated rack 30x30 mm L=1000 mm	RX433S 433MHz plug-in receiver
PC 1	€/m	€/m	PC 1
			
RXBDS 868MHz bidirectional plug-in receiver with serial interface	STO1 Metallic protection cage	STO2 Interface board for LAN network wiring	STO3 LED lighting kit
PC 1	PC 1	PC 1	PC 1
			
KBPS battery kit (for 7Ah batteries)	DYL Programming module Cable length 120 cm (for 14A board)	KUBEPRO Wireless module for programming (only 24 Vdc)	KUBE Module for automation control from smartphone
PC 1	PC 1	PC 1	PC 1

* pack of 4 pcs
** pack of 2 pcs

STORM

ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES FOR INTENSIVE USE UP TO 2000 kg, 24 Vdc




PLUS

- New generation of gear motors for industry and commerce
- Motor with 24 Vdc dc control unit CT10324I with integrated display and receiver
- Optional programming with KUBEPRO wireless module (from FW 2.0 version)
- Large internal spaces for wiring and positioning accessories in DIN rail

- 2Ah buffer batteries in case of black-out
- Provision on the body for installing FT43 photo-cells at a height of 50 cm
- Magnetic limit switches
- Available also in a Low Energy version, with reduced stand-by current consumption

MODELS

CODE	DESCRIPTION	PCS PALLET
 STO20324 	For sliding gates up to 2000 kg, 24 Vdc dc motor, control unit CT10324I with magnetic limit switches. Intensive use	16



New control unit CT10324I with integrated receiver programmable with KUBEPRO



2Ah buffer batteries (optional)



Large internal spaces



Provision on the body for installing FT43 photo-cells at a height of 50 cm

SUB

WATER RESISTANT 4 CHANNELS TRANSMITTER, 433 MHz AND 868 MHz



PLUS

- Water and dust resistant
- Ergonomic, simple and modern design
- Valuable materials and tidy details thanks to the new generation tri-injection molding process
- Metal chromed insert
- Different interchangeable colors
- New color available SUB PINK

MODELS

CODE	DESCRIPTION
SUB44WR	4 channels, white colour, XR rolling code 433 MHz, water resistant
SUB44R	4 channels, black colour, XR rolling code 433 MHz, water resistant
SUB44WF	4 channels, white colour, 433 MHz rolling code copier, with on-board receiver, water resistant
SUB44F	4 channels, black colour, 433 MHz rolling code copier, with on-board receiver, water resistant
SUB-44WN *	4 channels, 433 MHz fixed code copier, water resistant, white colour
SUB-44N *	4 channels, 433 MHz fixed code copier, water resistant black colour
SUB84WR	4 channels, white colour, XR rolling code 868 MHz, water resistant

* for SUB COPIERS minimum order 50 pcs., not compatible with gear motor for HALO sectional doors

RX433S / RX4K / RX8

PLUG-IN RECEIVER, 433 MHz AND 868 MHz



RX433S



RX4K



RX8

PLUS

New RX433S plug-in receiver, digital. Compatible with MA24ISL control unit
Ability to store up to 1000 codes

RX4K/RX8: single receiver (automatic selection of fixed code or rolling code)

MODELS

CODE	DESCRIPTION
RX433S	Plug-in receiver, digital, fixed or rolling code, 1000 codes, 433 MHz
RX4K	4 channels plug-in receiver, fix or rolling code, 1000 codes, blue LED, 433MHz
RX8	4-channel plug-in receiver, rolling code, 1000 codes, green LED, 868 MHz



LUMY

FLASHING LIGHT



NEW

PLUS

New universal LED flashing light, with 24 Vdc or 230 Vac selectable power supply

The new colour gives the flashing light a completely renewed appearance, making it less visible when the automation is stationary, therefore discreet, and allowing it to blend in with the surrounding environment.

MODELS

CODE	DESCRIPTION
LUMYU NEW	230 Vac or 24 Vdc ac/dc LED flashing light
LUMY-24	24 Vdc flashing light, 25 W, with antenna
LUMY-230	230 Vac flashing light, 25 W, with antenna and internal board for flashing light control
LUMY-230E	230 Vac flashing light, 25 W, with antenna

ACCESSORIES



ANTS-433
433 MHz, aerial with steel bracket and 5 mrg-58 cable 5000 mm

PC 1



SULU
Support for LUMY

PC 1

SEKUR FT

PHOTOCELLS



FT33

FT23

FT43
FT43B

FT43PB

NEW

PLUS

New photocells FT43PB with PowerBUS technology:

2-wire connection thanks to the BUS on Powerline

Dip-Switch for selecting operation

Configurable via smartphone

Snow function: photocell activates an adaptatively temporized mode, in case of frequent dimming or darkening, to avoid false obstacles detection

Two programmable ranges

MODELS

CODE	DESCRIPTION
FT33	Pair of photocells for external use and flush mounting
FT23	Pair of photocells for external use for small pillars
FT43	Pair of photocells for external use adjustable through 180°, for small pillars
FT43B	Pair of photocells for external use adjustable through 180°, for small pillars, battery powered

NEW FT43PB   Pair of outdoor photocells with PowerBUS technology

		FT33	FT23	FT43	FT43B	FT43B
ELECTRICAL DATA						
voltage	Vac	10-30	10-30	10-30	10-30	10-30
	Vdc	10-40	10-40	10-40	10-40	10-40
range	m	25	25	25	20	25
consumption rx	mA	27	27	27	35	20
consumption tx	mA	10	10	10	0,04	20
relay contacts max supply	A	1	1	1	1	-
GENERIC DATA						
protection degree	IP	54	54	54	54	54
dimensions (L - P - H)	mm	80-33-88	30-26-88	38-38-109	38-38-109	38-38-109
working temperature	°C	-20 + 55	-20 + 55	-20 + 55	-20 + 55	-20 + 55

ACCESSORIES



MUR-P
Plastic wall
support for FT33

PC 1

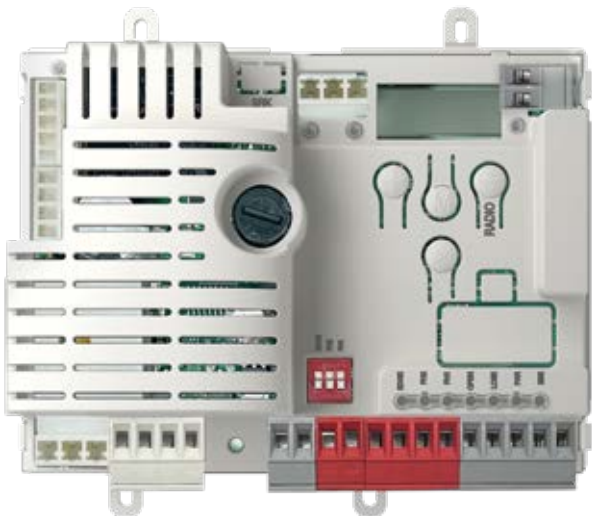


PBI
PowerBUS Interface for
control units CT10324/20324

PC 1

CT10324

24 VDC CONTROL UNIT FOR SINGLE MOTOR







PLUS

- Improved and unified programming logic with software-based motion reversal
- New 5-character / 16-segment display for more natural and intuitive reading
- Optional programming with KUBEPRO wireless module (from FW version 2.0)
- Improved position detection with no need for a physical encoder
- Fully moulded control unit enclosure for better protection against the effects of weather
- Diagnostic LED for physical encoder fault detection
- Disabling of safety via dip-switch
- Designed for future installation of a stand-by energy saving module (2025)
- Amperometric obstacle detection with inversion
- Standard or programmable deceleration in opening and closing
- Configurable partial input, for example as a second safety edge (from FW 2.0 version)
- Inputs: OPENS – CLOSES – SBS (STEP-BY-STEP) – PARTIAL separated
- Inputs for SAFETY EDGE 8k2 / STOP – PHOTO1 – PHOTO2
- Display of inputs and safety devices via LEDs
- Steady or flashing flash light output
- Courtesy light output
- Open gate / electric lock indicator output
- Phototest optional
- Safety edge test optional
- Built-in 433MHz radio
- Option to store up to 150 codes

MODELS

CODE	DESCRIPTION
CT10324	For a motor for a sliding gate, up-and-over door or electromechanical barrier, 24 Vdc, with self-learning of travel and deceleration on opening and closing. Built-in radio receiver

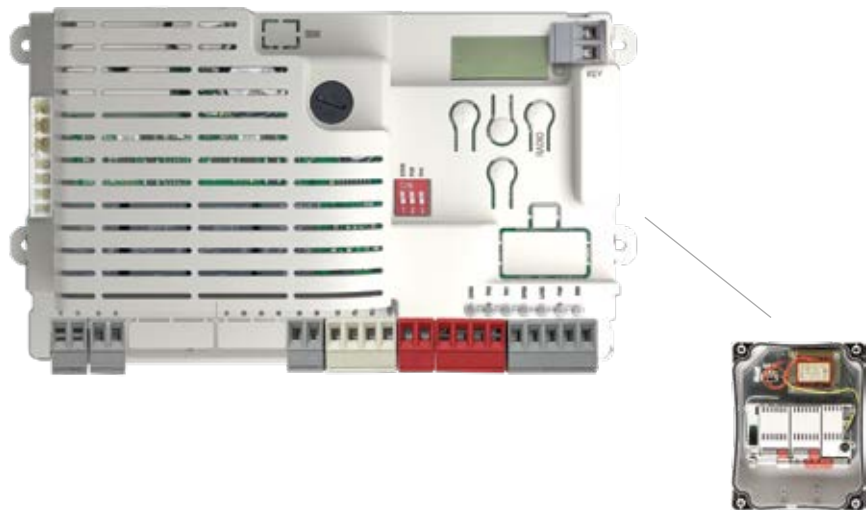
ACCESSORIES

 KUBESMART Bluetooth/Wi-Fi module PC 1	 KUBEPRO Wireless module for programming PC 1	 KUBE Module for automation control from smartphone PC 1	 PBI PowerBUS Interface for control units CT10324/20324 PC 1
---	--	---	---

CT10324		
ELECTRICAL DATA		
input power	Vac/Hz	230/60
output power accessories	Vac	24
	Vdc	24
max motor power	W	150
max working time	sec	240
max pause time	sec	0 - 900
obstacle detection		si
GENERIC DATA		
protection degree	IP	-
dimensions (L - D - H)	mm	120 - 90 - 30
working temperature	°C	-20 + 55

CT20324

24 VDC CONTROL UNIT FOR TWO MOTORS



2-motor control unit 24 Vdc in box (BOX250)





PLUS

- Improved and unified programming logic with software-based motion reversal
- New 5-character / 16-segment display for more natural and intuitive reading
- Optional programming with KUBEPRO wireless module (from FW version 2.0)
- Improved position detection with no need for a physical encoder
- Fully moulded control unit enclosure for better protection against the effects of weather
- Diagnostic LED for physical encoder fault detection (CT20324E)
- Disabling of safety via dip-switch
- 250W transformer included (CT20324E).
- Designed for future installation of a stand-by energy saving module (2025)
- Amperometric obstacle detection with inversion
- Standard or programmable deceleration in opening and closing
- Configurable partial input, for example as a second safety edge (from FW 2.0 version)
- Inputs: OPENS – CLOSES – SBS (STEP-BY-STEP) – PARTIAL separated
- Inputs for SAFETY EDGE 8k2 / STOP – PHOTO1 – PHOTO2
- Display of inputs and safety devices via LEDs
- Steady or flashing flash light output
- Courtesy light output
- Open gate / electric lock indicator output
- Phototest optional
- Safety edge test optional
- Built-in 433MHz radio
- Option to store up to 150 codes

MODELS

CODE	DESCRIPTION
CT20324	For two motors for swing gates, 24 Vdc, with self-learning of travel and deceleration on opening and closing. Built-in radio receiver. In box
CT20324E	For two motors with encoder for swing gate, 24 Vdc, with self-learning of travel and deceleration on opening and closing. Built-in radio receiver. In box

ACCESSORIES

			
KUBESMART Bluetooth/Wi-Fi module	KUBEPRO Wireless module for programming	KUBE Module for automation control from smartphone	PBI PowerBUS Interface for control units CT10324/20324
PC 1	PC 1	PC 1	PC 1

		CT20324	CT20324E
ELECTRICAL DATA			
input power	Vac/Hz	230/50-60	230/50-60
output power accessories	Vac	24	24
	Vdc	24	24
max motor power	W	210	280
max working time	sec	240	240
max pause time	sec	0 - 900	0 - 900
obstacle detection		sì	sì
encoder support		no	sì
GENERIC DATA			
protection degree	IP	54	54
dimensions (L - D - H)	mm	222 - 110 - 275	222 - 110 - 275
working temperature	°C	-20 + 55	-20 + 55

CT102B

230 Vac CONTROL UNIT



PLUS

Same programming logic for all control boards CT102B, CT202, CT10324, CT20324 with run inversion via software

Amperometric obstacle detection with run inversion

Standard or programmable slowdown in opening and closing

Programmable automatic partial closing

Separate OPEN - CLOSE inputs and PP - PARTIAL input

Safety edge 8,2Kohm NC - STOP - photo 1 and photo 2

Inputs and safety devices LED visualization

Flashing light output fixed or flashing

LED courtesy light or open gate indicator output
3 digits display

Optional photo test

Optional test for safety edge

New plug-in radio receiver 4 channels RX4K

MODELS

CODE	DESCRIPTION
CT102B	For one motor for sliding gate, overhead door, 230 Vac, with electronic clutch and connector for receiver, slowdown in opening and closing with provision for radio plug-in

CT102B		
ELECTRICAL DATA		
input power	Vac/Hz	230/60
output power accessories	Vdc	24
max motor power	W	950
max working time	sec	adjustable
max pause time	sec	0 - 900
obstacle detection		yes
GENERIC DATA		
protection degree	IP	-
dimensions (L - D - H)	mm	120 - 90 - 30
working temperature	°C	-20 + 55

CT202

230 Vac CONTROL UNIT



PLUS

Same programming logic for all control boards CT102B, CT202, CT10324, CT20324 with run inversion via software

Amperometric obstacle detection with run inversion

Standard or programmable slowdown in opening and closing

Programmable automatic partial closing

Separate OPEN - CLOSE inputs and PP - PARTIAL input

Safety edge 8,2Kohm NC - STOP - photo 1 and photo 2

Inputs and safety devices LED visualization

Flashing light output fixed or flashing

LED courtesy light or open gate indicator output

Programmable electro lock timing

Pressure control for hydraulic motors

3 digits display

Optional photo test

Optional test for safety edge

Plug-in radio receiver 4 channels RX4K

MODELS

CODE	DESCRIPTION
CT202	For two motors for swing gate, 230 Vac, with electronic clutch and connector for receiver, slowdown in opening and closing. In box

CT202		
ELECTRICAL DATA		
input power	Vac/Hz	230/50
output power accessories	Vac	24
	Vdc	24
max motor power	W	700+700
max working time	sec	adjustable
max pause time	sec	0 - 900
obstacle detection		si
GENERIC DATA		
protection degree	IP	54
dimensions (L - D - H)	mm	222 - 110 - 275
working temperature	°C	-20 + 55