

QUALITY IS OUR FAMILY Feeling

KINGGates

Automation Catalog 2022



We are KING

King Gates is a leading technological company in the "Home Automation" sector.

We design, manufacture and market automation systems (for gates, garage doors, rolling shutters, road barriers, access control systems) for residential, commercial and industrial use.

Only KING GATES offers a single electronic control panel for any system on the market.

KING COLLECTION

The complete range of products



SWING GATES

P. 28



SOLAR

P. 86

connectivity

P. 6



SLIDING GATES

P. 16



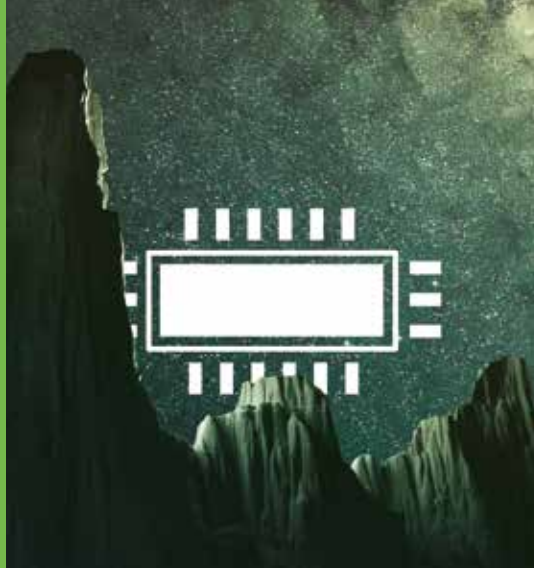
ROAD BARRIERS

P. 58



OVERHEAD DOORS

P. 64



eLECTRONICS

P. 80



accessories

P. 90





connectIVITY



APP TO manage YOUR gate automation REMOTELY

With **CLAVIS** App, you can control and manage access to your home from anywhere in the world with internet access.



REMOTE CONTROL

Someone is at your front gate but you are not at home to let them in? With the Clavis App you can control your automatism wherever you are.

Don't leave anyone waiting at your door.



Just passing to leave you something... Are you home?

I had to leave, but I'll open the gate for you :)



MULTIPLE USERS, CUSTOM ACCESS

You no longer need to lend your remote control, or make new copies to share. Simply define the parameters of use, such as the time at which the user can open the gate.

Simple and comfortable.



Gardener



Every Tuesday



14:00 - 17:00



AUTOMATIC OPENING BY PROXIMITY

When setting the automatic mode, everytime you approach the preset area, the door opens automatically. You can also set Semi-automatic mode to receive a notification whenever you approach the default area, and give opening or closing order directly to your smartphone notification.



FEEDBACK, STATUS AND LOGS

Can't remember if your gate is closed? You can check the status of your gate in real time. With Clavis you can also check the complete event history of your automation. Any interaction is logged with username, date, and type of interaction (opening or closing).



CLAVIS

Simple and quick to use

Simply download the clavis app for free, then attach the Wi-Fi module "Wi-Clavis" to your King Gates control panel and configure the app on your home network. You can now open and close your gate and garage door remotely, view real-time gate status, give access to other users with parameters of your choice, or even open automatically by geolocation.

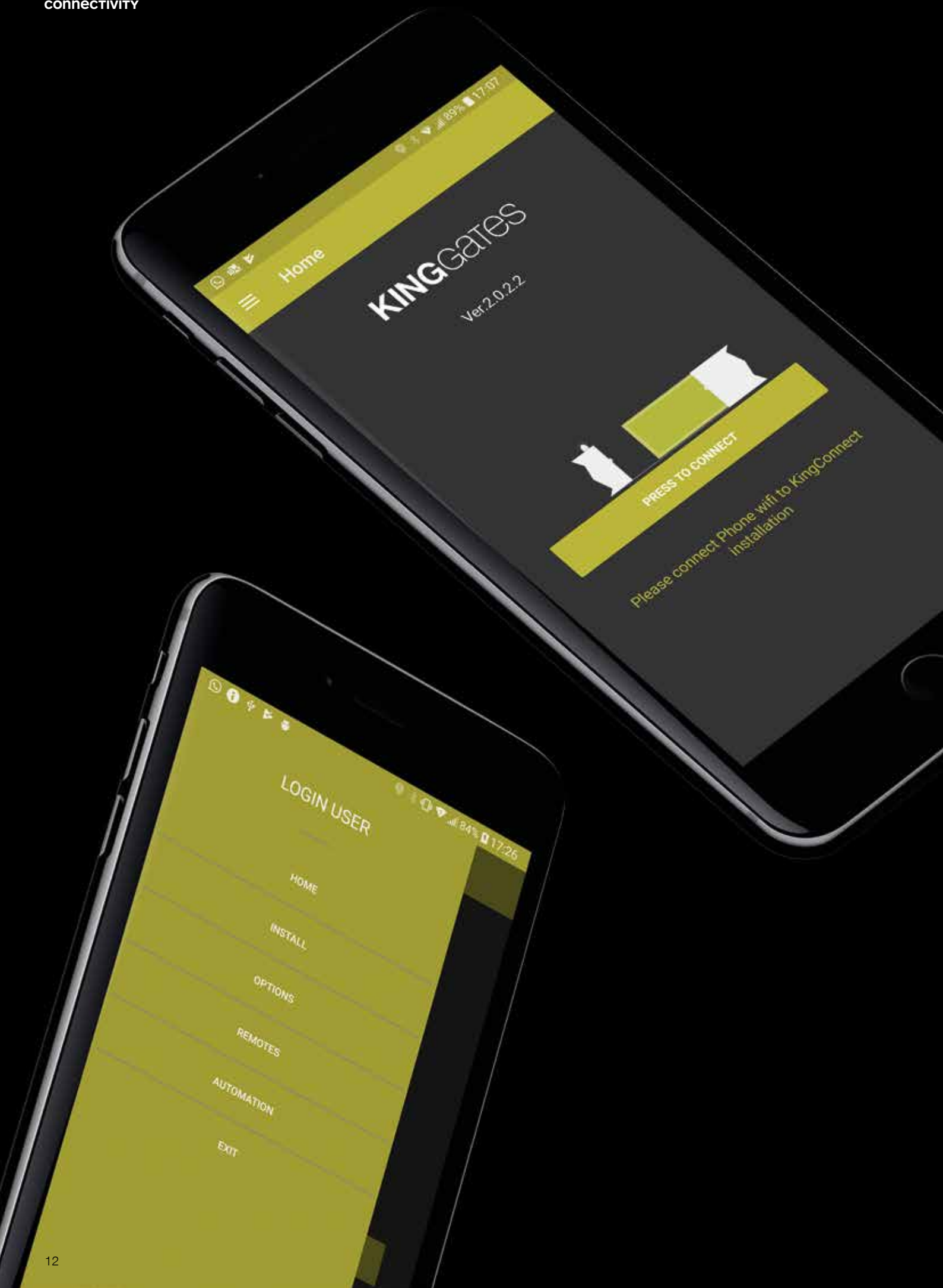




DO YOU need to manage a HIGHER NUMBER OF accesses?

Not a problem! CLAVIS ACCESS card allows you to add users to a selected automation. You just need to buy a CLAVIS ACCESS from your installer and scan the QR-code with your smartphone.

<https://clavis.app/>





APP FOR THE INSTALLER

The Kingspecialist App allows you to complete all the programming phases of the installation, directly on the smartphone and tablet.



KING SPECIALIST

BASIC PROGRAMMING

Automatic learning procedure, custom setting of the slowdown points, speed and direction of the motor. Realtime feedback of trimmers values (motor power, obstacle sensitivity, delay, pause), Dip-switches and connections instructions.

ADVANCED SETTINGS

Advanced programming. Setting of AUX, HAZ and GSI outputs. Management of inputs for photocells. Setting of wired inputs. Speed and slowdown points custom configuration. Power saving mode (Standby). Backjump adjustment. Factory settings reset.

MEMORIZING REMOTE RADIO CONTROLS

Quick and easy procedure for memorizing remote radio controls near control panel, without having to access it. Copy of transmitters functions. Management of MEMO 2000 module (remote controls backup and restore on replacement control board).

KINGSPECIALIST

We grow together, and together we want to remain the most dynamic brand in the industry.



We want our retailers and installers to be the main drivers of a new shared communication project. They are the most authentic way to convey the spirit of King Gates: open minded, simple and inimitable. This project was developed to give full control to the installer. All the know-how of King Gates shared through the Kingspecialist service.





**automation
FOR SLIDING gates
DYNamos
DYNamos XL
DYNamos XL inverter**

Dynamos

Automation for sliding gates up to 1000 kg

PRECISE AND SILENT MECHANICS

Reliability and safety are at the base of the mechanical components: produced with sturdy materials, they turn on large ball bearings that are attached to die-cast aluminium housings. The endless screw is made of rolled steel and the internal gear has involute teeth. This special construction construction increases significantly the gears life by decreasing their friction. **The result: quiet movement, high performance, no wear.**

4 kg of die cast aluminium, ABS plastic parts with anti-UVA ray treatment and pure polyester painting make **Dynamos a solid automation that can stand up to any sort of weather.**

DYNAMOS TWIN

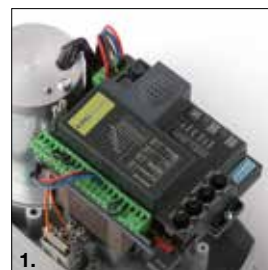
Dynamos Twin is the kit solution for sliding gate installation with double wings.

Two operators, one with control unit for a perfect synchronization of the motors and accessories.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.

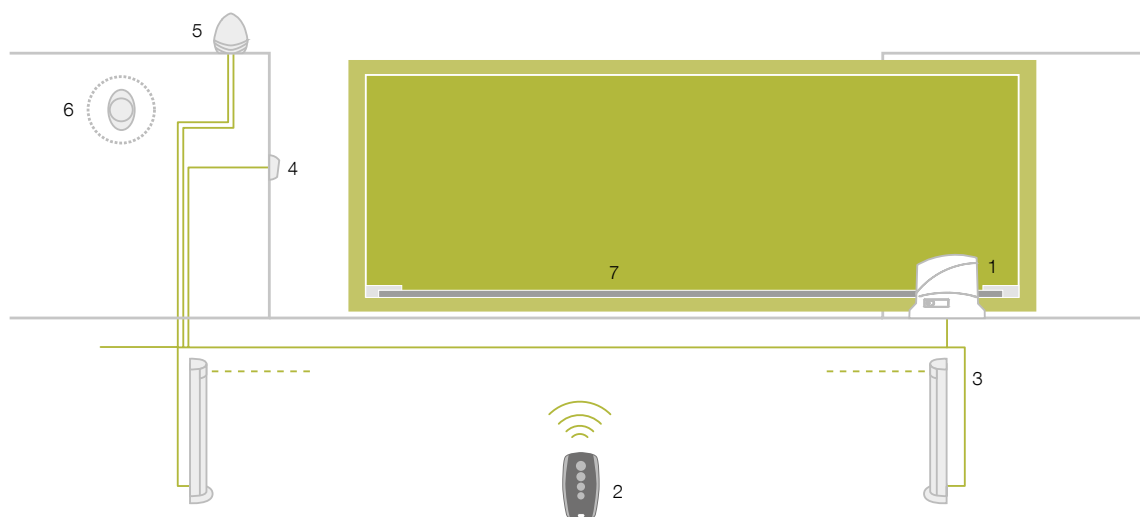


3.

1. BUILT-IN CONTROL UNIT
The STARG8 control unit, with built in receiver, guarantees the highest performance

2. STURDY FRAME
Sturdy die-cast aluminium frame, designed to last long

3. KEY RELEASE SYSTEM
Aluminium release handle with protected lock and customized release key



BASIC INSTALLATION

1. Operator Dynamos
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Key or digital switch
7. Rack

READY FOR





TECHNICAL DATA

Model		DYNAMOSN24/400	DYNAMOSF24/600	DYNAMOS24/1000	DYNAMOS1000
Code		23S053	23S054	23S055	23S004
Mains power supply	(Vac 50 Hz)	230	230	230	230
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc	24 Vdc	24 Vdc	230 Vac
Maximum power draw	(W)	250	375	400	400
Speed	(m/s)	0,34	0,34	0,25	0,17
Force max	(N)	400	600	850	850
Working cycle	(%)	90	90	80	30
Protection level	(IP)	44	44	44	44
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Weight	(kg)	9	11	11	12
Operator dimensions	(mm)	325x185x274 h	325x185x274 h	325x185x274 h	325x185x274 h

Also available in 110 V / 60 Hz version

DYNAMOS

Model	Motor	Control unit	Pinion	Radio receiver	Fixing kit	Gate max weight
DYNAMOSN24/400	24 Vdc	STARG8 24	Z15 -M4	•	•	400 kg
DYNAMOSF24/600	24 Vdc	STARG8 24	Z15 -M4	•	•	600 kg
DYNAMOS24/1000	24 Vdc	STARG8 24	Z17 - M4	•	•	1000 kg
DYNAMOS1000	230 Vac	STARG8 AC	Z17 - M4	•	•	1000 kg

DYNAMOS TWIN

Model	Code	Motor	Control unit	Motor with control unit STARG8	Motor without control unit	Gate max weight
DY TWIN 24/600	30S076	DYNAMOSF24/600	STARG8 24	•	•	600 kg

DYNAMOS KIT

Model	Code	Motor	STYLO 4K	IDEA	VIKY 30	TAB	Gate max weight
DYKIT24/400	30S047	DYNAMOSN24/400	• (2)	•	•	•	400 kg
DYKIT24/400VL	30S055	DYNAMOSN24/400	• (2)				400 kg
DYKIT24/600R01	30S069	DYNAMOSF24/600	• (2)	•	•	•	600 kg
DYKIT24/600VL	30S039	DYNAMOSF24/600	• (2)				600 kg
DYKIT230/1000	30S028	DYNAMOS1000	• (2)	•	•	•	1000 kg
DYKIT230/1000VL	30S009	DYNAMOS1000	• (2)				1000 kg
DYKIT24/1000R01	30S070	DYNAMOS24/1000	• (2)	•	•	•	1000 kg
DYKIT24/1000VL	30S071	DYNAMOS24/1000	• (2)				1000 kg



DYNAMOS



STYLO 4K



IDEA



VIKY 30



TAB





CRIS100 - COD. 162313
Nylon rack with metal inserts.
28x20x1000 mm, M4
(10pcs / pack)



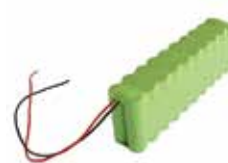
CRIS200 - COD. 162322
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm, M4
(10pcs / pack)



CRIS400 - COD. 162324
Rack in galvanized
steel. 22x22x1000 mm
to be welded, M4
(10pcs / pack)



PDY100 - COD. 162345
Foundation plate for ground
level mounting



BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016



IND100K - COD. 161236
Inductive limit switch



**KINGKONNECT -
COD. 161234**
WiFi module to manage
STARG8 central units
from Smartphone



WI-CLAVIS - COD. 161235
WIFI module for managing
automations via Smartphone



**CLAVIS ACCESS -
COD. 161251**
<https://clavis.app/>

Dynamos XL

Automation for sliding gates up to 1800 kg

QUICK AND ROBUST

Dynamos XL 24 Vdc: maximum power applied to the mechanical reliability of the Dynamos family.

The base in cast aluminium, the plastic parts in ABS with UVA protection and the polyester coatings make this product resistant to atmospheric agents.

INTENSIVE USE

Dynamos XL is designed for installation in industrial and commercial settings, or anywhere that requires maximum reliability with intensive use.

Set up for inductive end-of-travel stop.

NEW SMART TRADITIONAL ELECTRONICS

The new control board STARG824XL features last generation components in combination with a new firmware that guarantees higher performance and a more fluid control of the automation in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



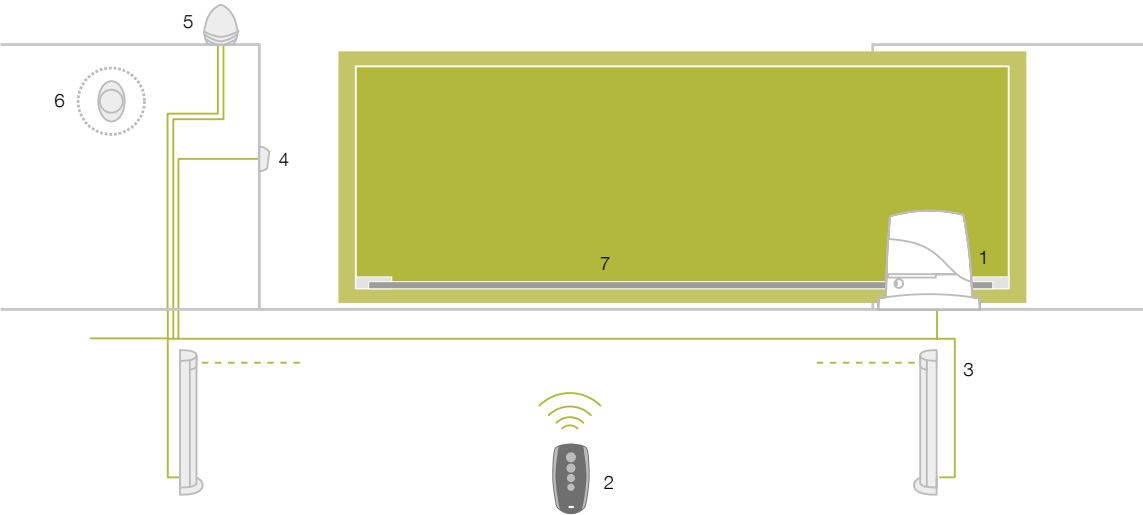
1. BUILT-IN CONTROL UNIT
The control unit, with built in receiver, guarantees the highest performance

2. EASY AND STRONG RELEASE
Release lever with customised key

TECHNICAL DATA

Model	DYNAMOSXL1800	
Code	23S001	
Gate max weight	kg	1800
Mains power supply	(Vac 50 Hz)	230
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc
Maximum power draw	(W)	400
Speed	(m/s)	0,28
Force max	(N)	1120
Working cycle	(%)	90
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Pinion	-	Z18 - M4
Automation weight	(kg)	18
Operator dimensions	(mm)	400x255x390 h

Also available in 110 V / 60 Hz version



BASIC INSTALLATION

- 1. Operator Dynamos XL
- 2. Transmitter
- 3. Photocells mounted on posts
- 4. Photocells
- 5. Flashing light
- 6. Key or digital switch
- 7. Rack

READY FOR



New last-generation electronics

KINGgates

Key release
system

Sturdy die-cast
aluminium frame

ACCESSORIES



CRIS200 - COD. 162322
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm



CRIS400 - COD. 162324
Rack in galvanized
steel. 22x22x1000 mm
to be welded



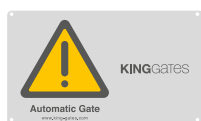
CRIS600 - COD. 162323
M6 rack, 30x30x1000 mm,
zinc coated, to be
coupled with M600



M600 - 162665
12-teeth M6 pinion
to be coupled
with rack CRIS 600



IND100K - COD. 161236
Inductive limit switch



TAB - COD. ACC310
Signboard



**KINGKCONNECT -
COD. 161234**
WiFi module to manage
STARG8 central units
from Smartphone



**WI-CLAVIS -
COD. 161235**
WiFi module for managing
automations via Smartphone



**CLAVIS ACCESS -
COD. 161251**
<https://clavis.app/>

Dynamos XL 1500 inverter

Automation for sliding gates up to 1500 kg



QUICK AND ROBUST

Three-phase motor with inverter piloted by a 230V control unit: maximum power and reliability ideal for industrial and commercial applications.
Adjustable accelerations and decelerations, adjustable running speed and deceleration for maximum safety in all conditions.
Dynamic torque management during all phases of the opening / closing cycle.
Slow start (programmable starting ramp).
Die-cast aluminum base with polyester paint and ABS plastics with anti-UVA treatments make it resistant to atmospheric agents.

PRECISION AND PERFORMANCE

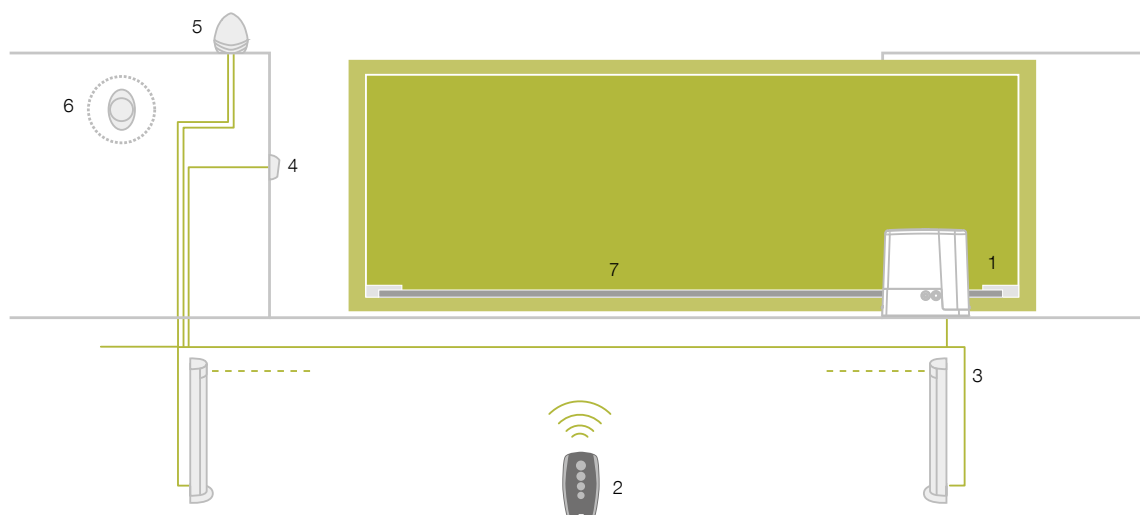
Precise and safe operation with encoder.
Obstacle detection.
Self-learning of working times.
Magnetic limit switches precise and reliable over time.

ADVANCED DIGITAL ELECTRONICS

New digital electronics for smoother automation control in terms of safety, duration and speed of installation.
Programming via 3 buttons and display.
Plug-in connector for MR2-K modular radio receiver.
Synchronized operation of two motors with SYNCRO module.
2 photocell inputs with self-test function.
2 inputs sensitive mechanical or resistive safety edges.
Courtesy light output.

TECHNICAL DATA

Model	DYNAMOSXL1500I	
Code	23C062	
Gate max weight	kg	1500
Mains power supply	(Vac 50 Hz)	230
Maximum power draw	(W)	570
Speed	(m/s)	0,035 - 0,26
Force max	(N)	1400
Working cycle	(%)	50
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Pinion	-	Z18 - M4
Automation weight	(kg)	15
Operator dimensions	(mm)	334x200x328 h



BASIC INSTALLATION

1. Operator Dynamos XL
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Key or digital switch
7. Rack

New digital control unit



Key release system

Sturdy die-cast aluminium frame

ACCESSORIES



CRIS100 - COD. 162313
Nylon rack with metal inserts.
28x20x1000 mm, M4
(10pcs / pack)



CRIS200 - COD. 162322
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm, M4
(10pcs / pack)



CRIS400 - COD. 162324
Rack in galvanized
steel. 22x22x1000 mm
to be welded, M4
(10pcs / pack)



TAB - COD. ACC310
Signboard



MR2-K - COD. 11B060
433.92 MHz plug-in receiver
module. It is possible to store
up to 500 transmitters



SYNCRO - COD. 161216
Modules for the synchronized
operation of two motors

Dynamos XL 2500 inverter

Automation for sliding gates up to 2500 kg



QUICK AND ROBUST

Three-phase motor with inverter piloted by a 230V control unit: maximum power and reliability ideal for industrial and commercial applications.
Adjustable accelerations and decelerations, adjustable running speed and deceleration for maximum safety in all conditions.
Dynamic torque management during all phases of the opening / closing cycle.
Slow start (programmable starting ramp).
Die-cast aluminum base with polyester paint and ABS plastics with anti-UVA treatments make it resistant to atmospheric agents.

PRECISION AND PERFORMANCE

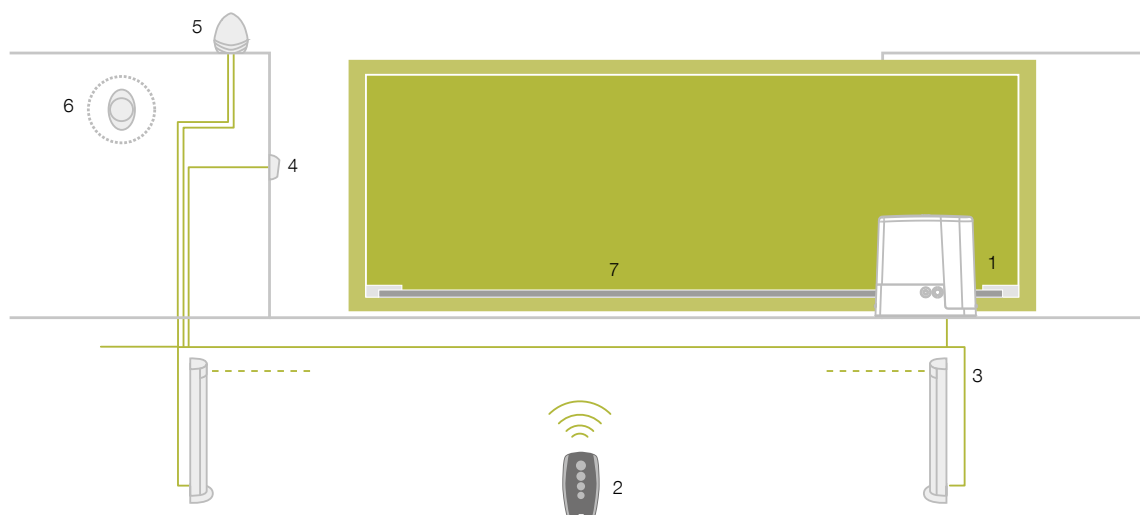
Precise and safe operation with encoder.
Obstacle detection.
Self-learning of working times.
Magnetic limit switches precise and reliable over time.

ADVANCED DIGITAL ELECTRONICS

New digital electronics for smoother automation control in terms of safety, duration and speed of installation.
Programming via 3 buttons and display.
Plug-in connector for MR2-K modular radio receiver.
Synchronized operation of two motors with SYNCRO module.
2 photocell inputs with self-test function.
2 inputs sensitive mechanical or resistive safety edges.
Courtesy light output.

TECHNICAL DATA

Model	DYNAMOSXL2500I	
Code	23E029	
Gate max weight	kg	2500
Mains power supply	(Vac 50 Hz)	230
Maximum power draw	(W)	750
Speed	(m/s)	0,035 - 0,26
Force max	(N)	1660
Working cycle	(%)	50
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Pinion	-	Z18 - M4
Automation weight	(kg)	19
Operator dimensions	(mm)	380x250x377 h



BASIC INSTALLATION

1. Operator Dynamos XL
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Key or digital switch
7. Rack

New digital control unit



Key release system

Sturdy die-cast aluminium frame

ACCESSORIES



CRIS200 - COD. 162322
Rack in galvanized steel with screws and spacers. 30x12x1000 mm, M4 (10pcs / pack)



CRIS400 - COD. 162324
Rack in galvanized steel. 22x22x1000 mm to be welded, M4 (10pcs / pack)



CRIS600 - COD. 162323
M6 rack, 30x30x1000 mm, zinc coated, to be coupled with MM017B



COD. MM017B
12-teeth M6 pinion to be coupled with rack CRIS 600



TAB - COD. ACC310
Signboard



MR2-K - COD. 11B060
433.92 MHz plug-in receiver module. It is possible to store up to 500 transmitters



SYNCRO - COD. 161216
Modules for the synchronized operation of two motors



automation FOR SWING GATES

Jet

Jet XL

COUPER 24

Linear

modus

minimodus

INTRO

Jet

Automation for swing gates with leaves up to 3 m - 600 kg

DESIGN AND TECHNOLOGY

Designed to enhance any sort of gate, it fits into any setting. The elegant, wrap-around line of the two die cast aluminium shells makes Jet an original example of Italian-made creativity.

Thanks to the extractable connector, installation and maintenance are quick and easy.

In the AC version, the capacitor is built into the reduction gear and the regulating limit switches allow quick adjustment of travel. **The heart of Jet is the mechanical transmission, designed without cutting any corners to ensure the utmost reliability and to allow a range of use that's wider than the standard.**

All of the components turn on ball bearings which eliminate friction and noise. The use of rolled steel and bronze ensure duration and reliability even in severe conditions. The manual-release handle is made of die cast aluminium with personalized key and ABS lock cover. It is located on the upperpart of the reduction gear to allow immediate, practical use with minimum effort.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.



3.

1. EXTRACTABLE CONNECTOR

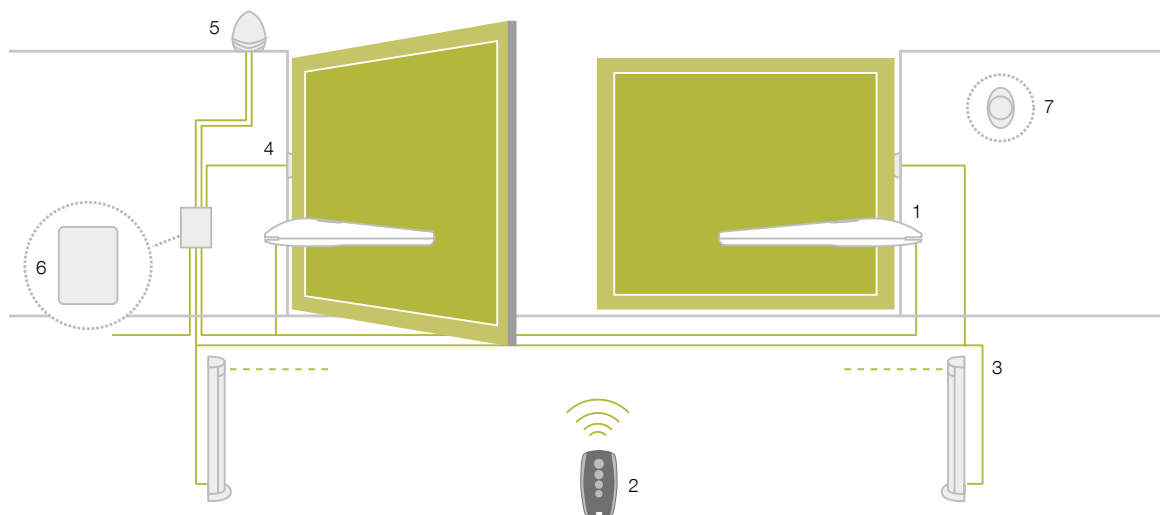
It simplifies installation and maintenance operations

2. STRONG MECHANICAL TRANSMISSION

Made of steel and bronze, for the utmost duration and reliability

3. MANUAL-RELEASE HANDLE

Is made of die cast aluminium with personalized key



BASIC INSTALLATION

1. Operator Jet
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Control unit
7. Key or digital switch

READY FOR





TECHNICAL DATA

Model		JET230F	JET24
Code		22S014	23S023
Motor supply	(Vac 50 Hz / Vdc)	230 Vac	24 Vdc
Maximum power draw	(W)	200	120
Speed	(m/s)	0,016	0,020
Force max	(N)	2000	
Working cycle	(%)	30	90
Travel (without limit switches)	(mm)	360	
Protection level	(IP)	44	
Operating temperature	(°C)	-20 ÷ +55	
Automation weight	(kg)	8	7
Operator dimensions	(mm)	820x100x110 h	

24 V version also available for markets with 110 V / 60 Hz mains power supply

JET

Model	Motor	Mechanical stop	Fixing kit	Wing max dimensions
JET230F	230 Vac	• (1)	•	3 m - 600 kg
JET24	24 Vdc	• (1)	•	3 m - 600 kg

JET KIT

Model	Code	JET 230	JET 24	STARG8 AC BOX	STARG8 24 BOX	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
JETKIT230	29S038	• (2)		•		• (2)	•	•	•	3 m - 600 kg
JETKIT230VL	29S063	• (2)		•		• (2)				3 m - 600 kg
JETKIT24	29S045		• (2)		•	• (2)	•	•	•	3 m - 600 kg
JETKIT24VL	29S054		• (2)		•	• (2)				3 m - 600 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



JET



STARG8 BOX



STYLO 4K



IDEA



VIKY 30



TAB





STP - COD.162299
Rear pre-welded bracket
(2 pcs./package)



STP 02 - COD.162256
Rear pre-welded vertical
bracket (2 pcs./package)



STA - COD.162257
Front pre-welded bracket
(2 pcs./package)



STL - COD.162298
Rear bracket,
length = 220 mm
(2 pcs./package)



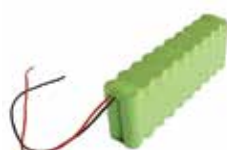
BK 01 - COD.162258
Mechanical limit switch
(2 pcs./package)



LOCK HO - COD.162913
Horizontal
electro lock 12 V



LOCK VE - COD.162912
Vertical
electro lock 12 V



BAT M016 - COD.161237
24 V 1.6 Ah battery



BAT K3 - COD.161232
Battery charge card
for BAT M016

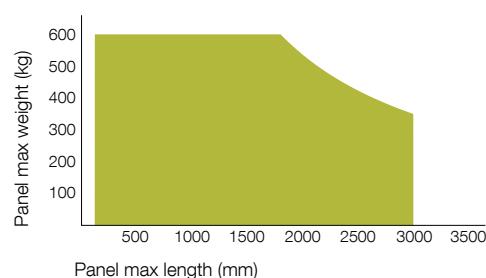
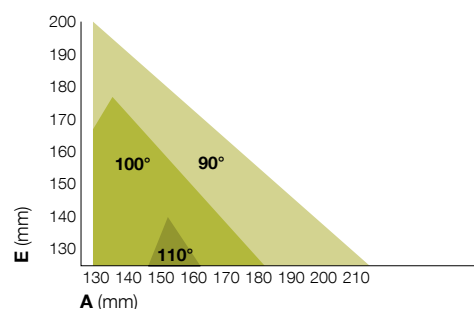
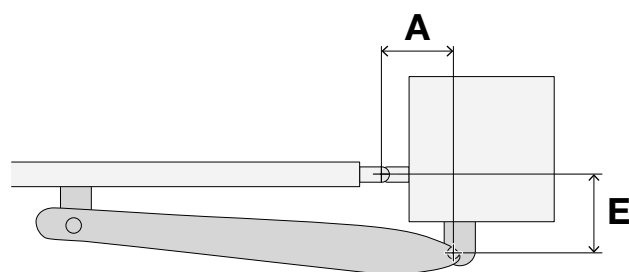


STP 200 - COD.162259
Screw-adjustable
rear bracket (2 pcs./package)



STA 200 - COD.162260
Screw-adjustable
front bracket (2 pcs./package)

LIMITS OF USE FOR THE PRODUCT



Jet XL

Automation for swing gates with leaves up to 6 m - 750 kg

STRONG MECHANICS

The JET XL structure is entirely manufactured from die-cast aluminium. All gears and mechanical parts are entirely made from steel and bronze; the mechanical transmission is sized to ensure maximum durability and reliability over time, also in arduous installations.

Reinforced brackets with increased thickness and large holes for a sturdy installation.

JET XL is a product built to last even in extreme operating conditions.

QUICK AND EASY INSTALLATION

The JET XL body is divided in two separate compartments provided with a removable shell for a quick and easy access during the entire installation process.

The mechanical limit switch adjustment during opening and closing procedures is done from above, by removing the shell that covers the endless screw. The operation is effortless because everything is close at hand and well visible, allowing a quick adjustment.

Furthermore, by opening the connection compartment, there is easy access to the terminal board to complete the wiring using the cable bushing provided. Operating points are always in plain sight.

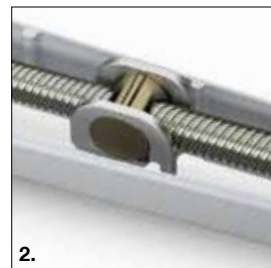
The rear fastening system with tilting forks is a simple solution that helps alignment, compensating errors up to $\pm 5^\circ$.

SMART TRADITIONAL ELECTRONICS

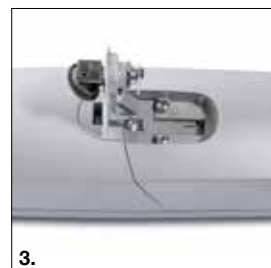
STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation. A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.



3.



4.

1. STRONG MECHANICAL TRANSMISSION

Made of steel and bronze, for the utmost duration and reliability

2. BRONZE SCREW CONVEYOR

For maximum quietness and durability

3. MANUAL-RELEASE HANDLE

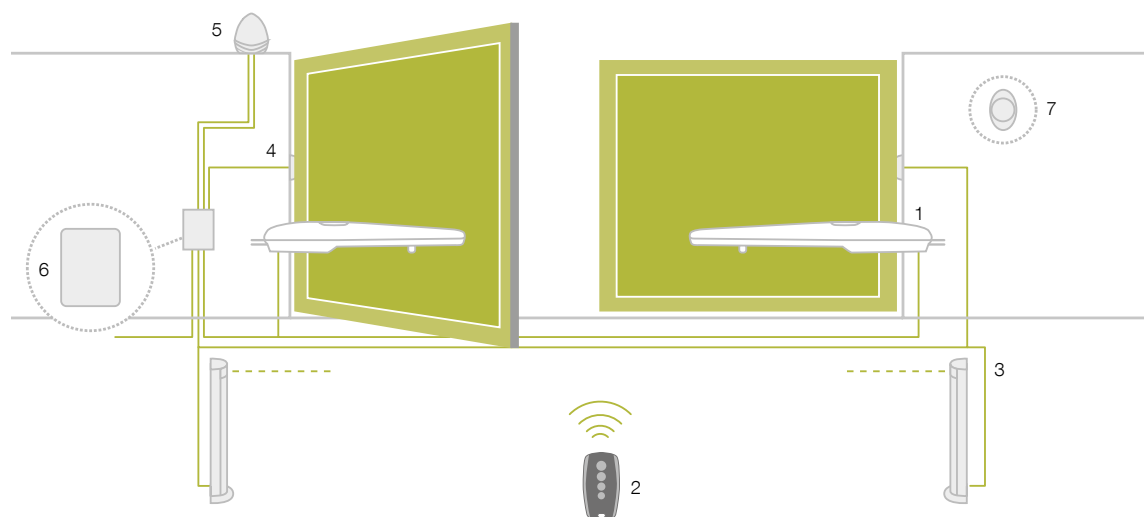
Is made of die cast aluminium with personalized key

4. CONNECTION

Ample connection compartment positioned in the upper section of the motor

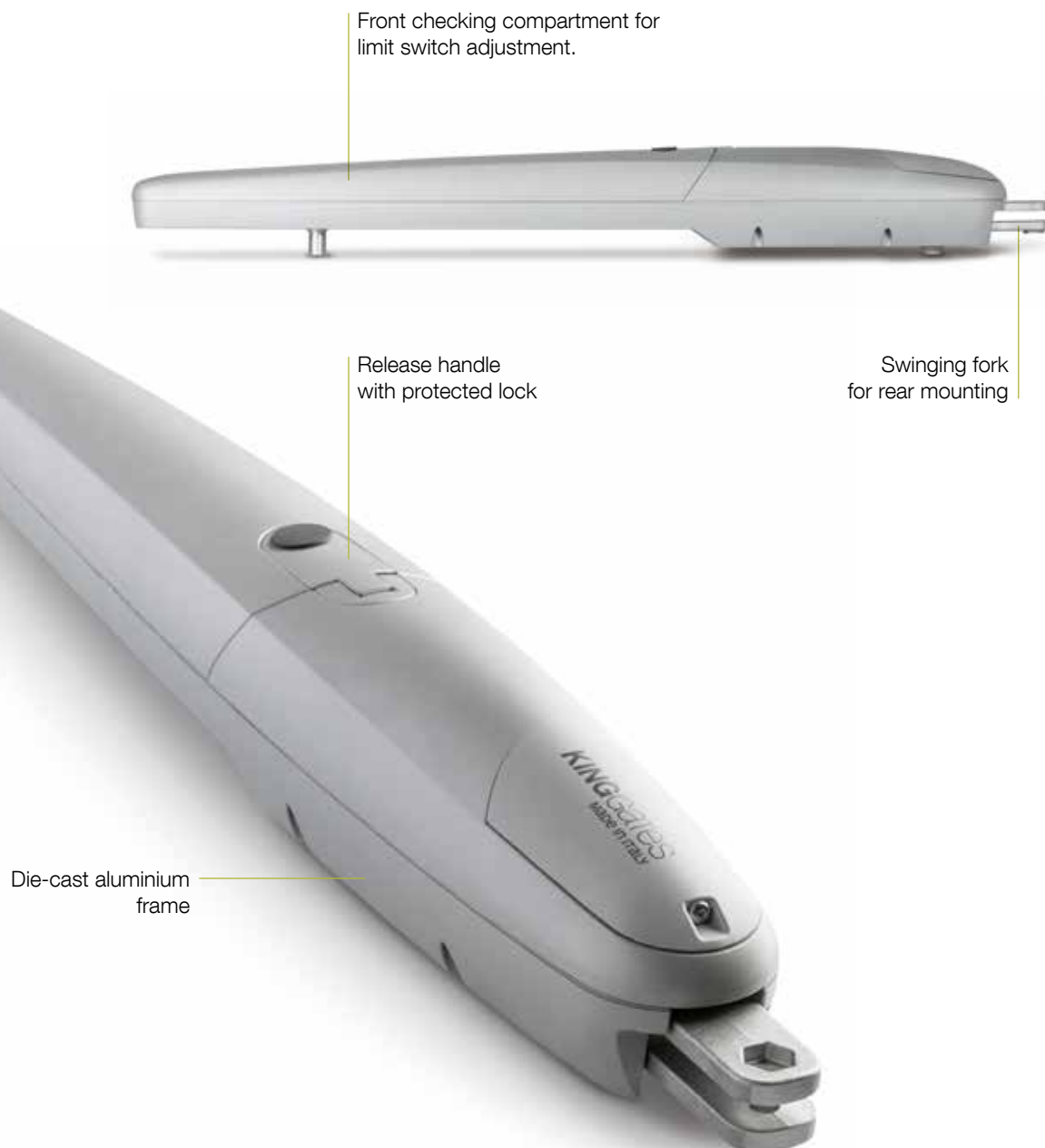
BASIC INSTALLATION

1. Operator Jet XL
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Control unit
7. Key or digital switch



READY FOR





TECHNICAL DATA

Model		JETXL230	JETXL24
Code		22S031	22S032
Motor supply	(Vac 50 Hz / Vdc)	230 Vac	24 Vdc
Maximum power draw	(W)	350	170
Speed	(m/s)	0,016	
Force max	(N)	2000	2400
Working cycle	(%)	30	80
Travel	(mm)	540	
Protection level	(IP)	44	
Operating temperature	(°C)	-20 ÷ +55	
Automation weight	(kg)	10	9
Operator dimensions	(mm)	1030x115x110 h	

24 V version also available for markets with 110 V / 60 Hz mains power supply

JET XL

Model	Motor	Mechanical stop	Fixing kit	Wing max dimensions
Jet XL 230	230 Vac	• (2)	•	6 m - 750 kg
Jet XL 24	24 Vdc	• (2)	•	6 m - 750 kg

JET XL KIT

Model	Code	JETXL24	STARG8 24 BOX XL	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
JETXL24K	29S089	• (2)	•	• (2)	•	•	•	6 m - 750 kg
JETXL24KVL	29S092	• (2)	•	• (2)				6 m - 750 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



JET XL



STARG8 BOX / BOX XL



STYLO 4K



IDEA



VIKY 30



TAB



ACCESSORIES



LOCK HO - COD. 162913
Horizontal
electro lock 12 V



LOCK VE - COD. 162912
Vertical
electro lock 12 V

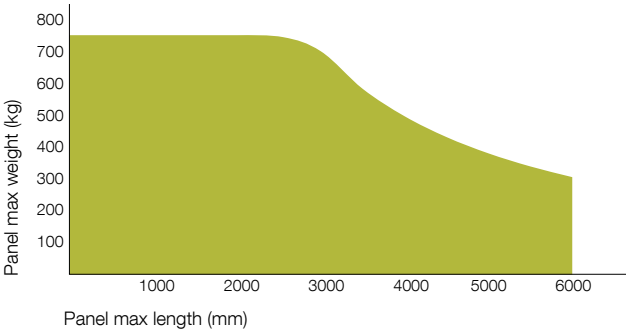
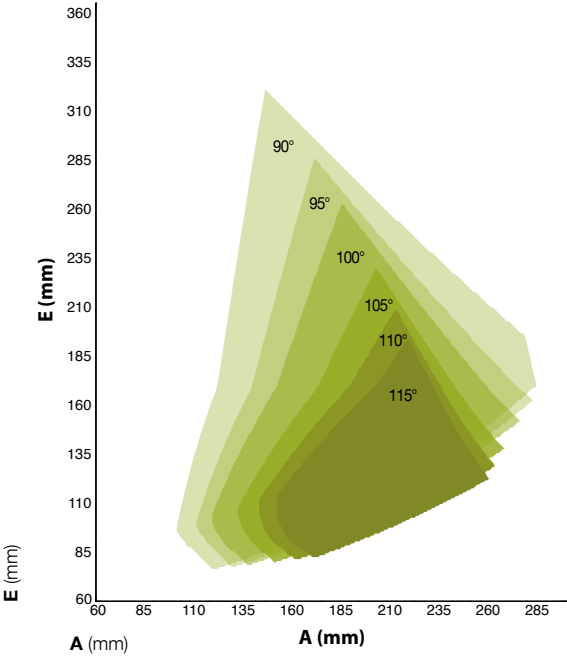
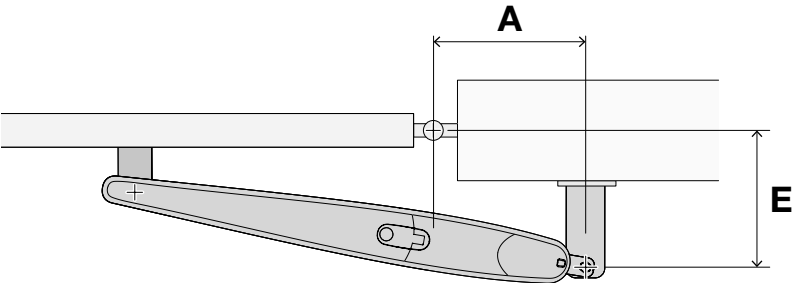


BAT M016 - COD. 161237
24 V 1.6 Ah battery



BAT K3 - COD. 161232
Battery charge card
for BAT M016

LIMITS OF USE FOR THE PRODUCT



Couper 24

Automation for swing gates with leaves up to 2 m - 400 kg

MECHANICAL RELIABILITY

Couper is the ideal automation for swing gates up to 2 m - 400 kg.

The mechanical system, inserted into two strong die-cast aluminium frames, is designed to guarantee great performances in any environmental condition.

EASY INSTALLATION

Just two cables for the electric connection of Couper. The access to the terminal block, set in the upper part of the operator, simplifies its connection and installation.

The regulation of the travel is simple and fast thanks to adjustable mechanical stops.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.



3.

1. CONNECTION COMPARTMENT

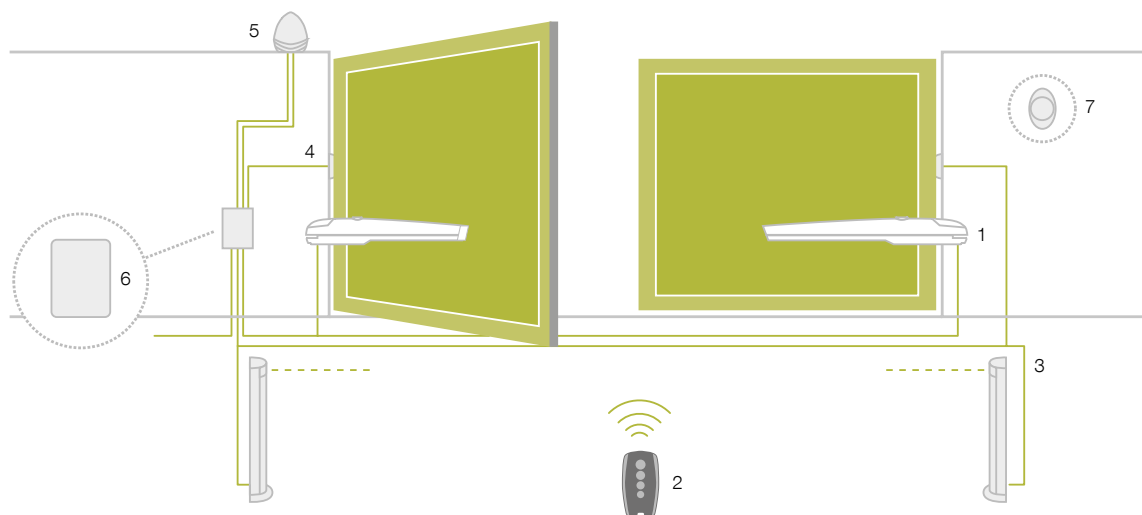
Easy and fast to install thanks to its position in the upper part of the operator

2. LIMIT SWITCH

Fast regulation of the travel with strong mechanical stop

3. ELECTRONICS

Programming with self-learning function, adjustable functions through dip-switches and regulation of power and speed through trimmers



BASIC INSTALLATION

1. Operator Couper
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Control unit
7. Key or digital switch

READY FOR





TECHNICAL DATA

Model	COUPER24	
Code	22S007	
Motor supply	(Vdc)	24
Maximum power draw	(W)	85
Speed	(m/s)	0,018
Force max	(N)	1500
Working cycle	(%)	50
Travel (without limit switches)	(mm)	320
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Automation weight	(kg)	6
Operator dimensions	(mm)	780x100x104 h

24 V version also available for markets with 110 V / 60 Hz mains power supply

COUPER 24

Model	Motor	Mechanical stop	Fixing kit	Wing max dimensions
Couper 24	24 Vdc	• (1)	•	2 m - 400 kg

COUPER 24 KIT

Model	Code	COUPER 24	STARG8 24 BOX	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
COUPERKIT24	29S017	• (2)	•	• (2)	•	•	•	2 m - 400 kg
COUPERKIT24VL	29S025	• (2)	•	• (2)				2 m - 400 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



COUPER 24



STARG8 BOX



STYLO 4K



IDEA



VIKY 30



TAB





STP200 - COD. 162259
Screw-adjustable
rear bracket (2 pcs./package)



STA200 - COD. 162260<
Screw-adjustable
front bracket (2 pcs./package)



BK200 - COD. 162268
Adjustable mechanical
travel stops (2 pcs./package)



LOCKHO - COD. 162913
Horizontal
electro lock 12 V



LOCKVE - COD. 162912
Vertical
electro lock 12 V

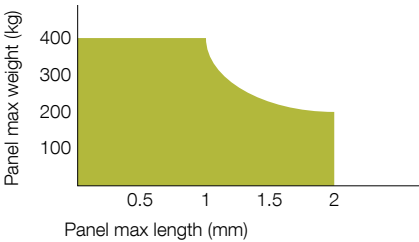
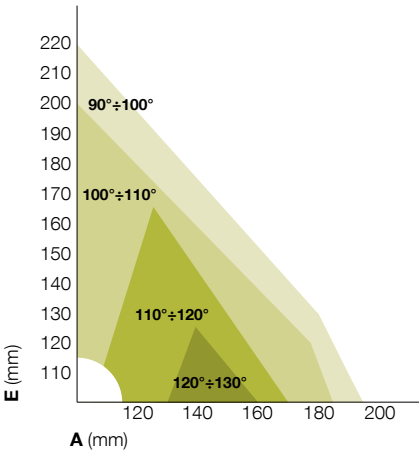
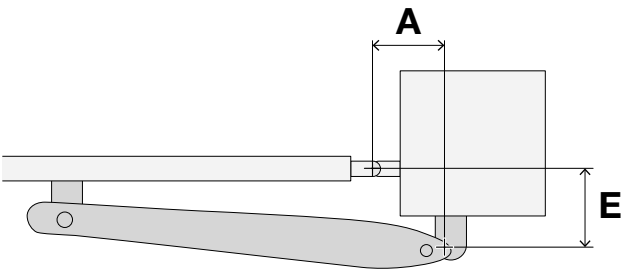


BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016

LIMITS OF USE FOR THE PRODUCT



Linear

Automation for swing gates with leaves up to 4.5 m - 300 kg

ROBUST AND SIMPLE

Linear is mechanically reliable thanks to its telescopic piston transmission system. The stainless steel stem and shells in die-cast aluminium guarantee long life. The brackets do not require welding and the terminal connections make installation quick and practical.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation. A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1. STRONG MECHANICS

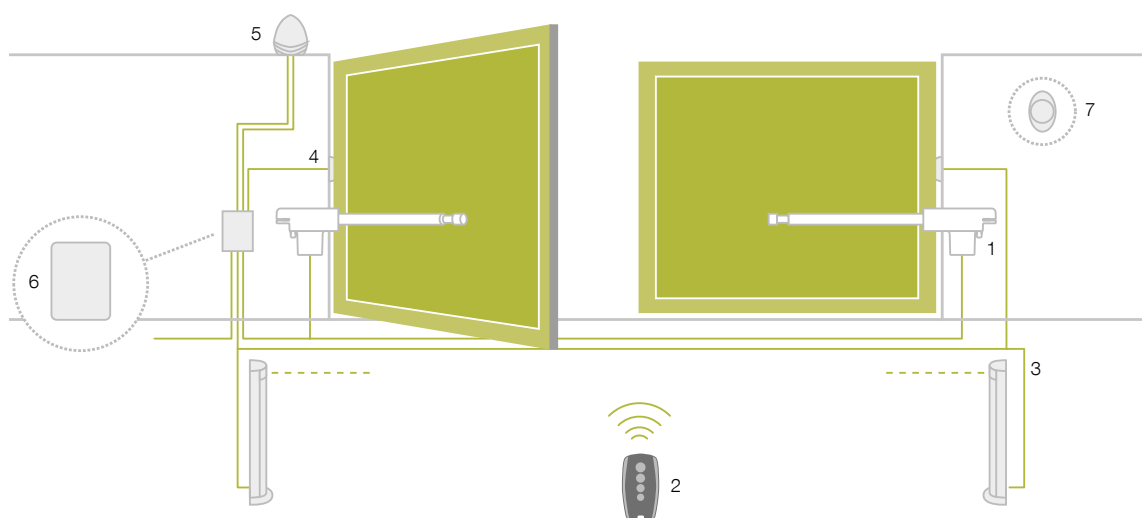
Stainless steel stem coupled with circular cross-section extruded solid element to ensure strength over time

2. FASTENING BRACKETS

Rapid installation thanks to brackets that do not require welding

3. CLAMP CONNECTIONS

Quick wiring thanks to clamp connections

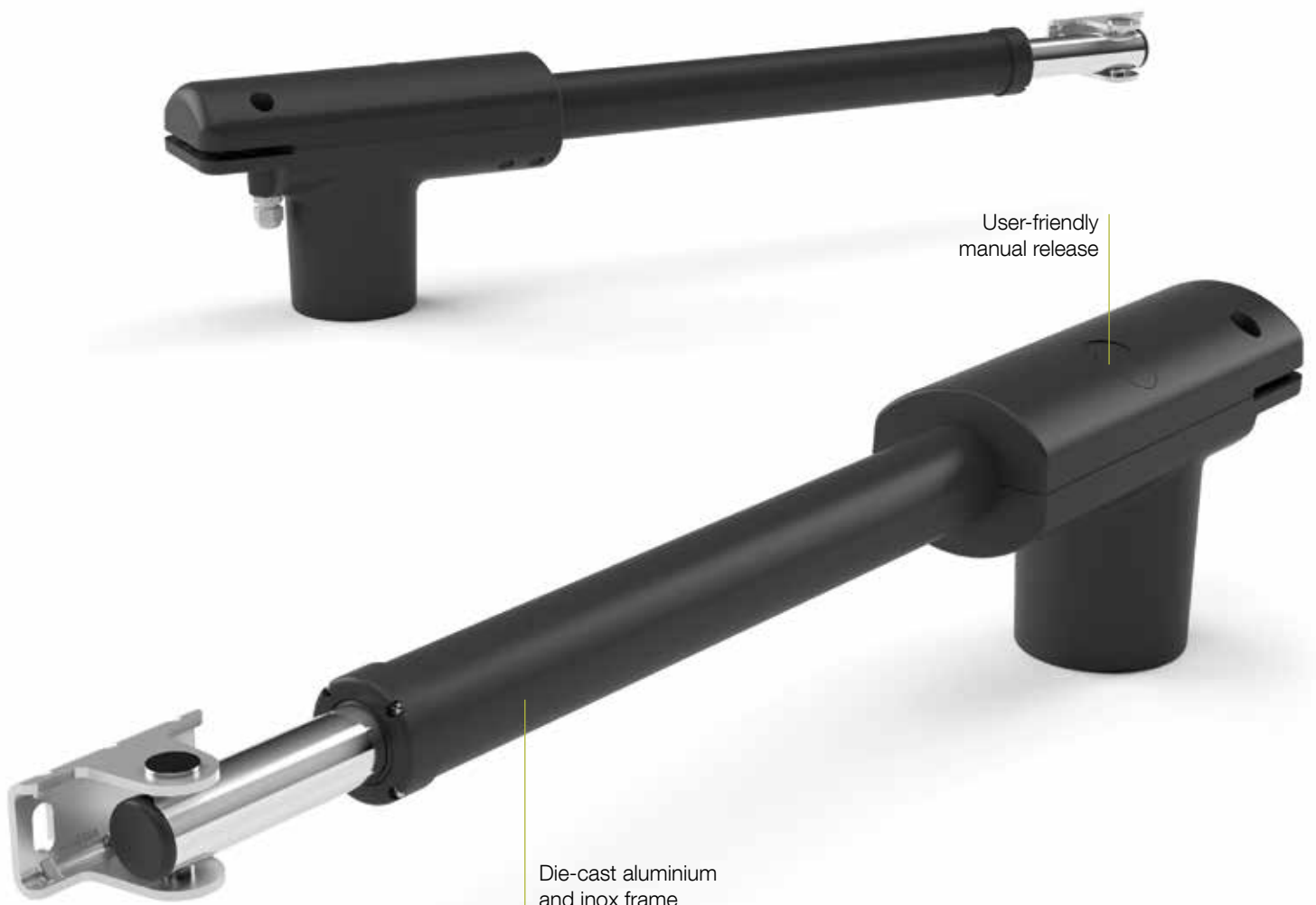


BASIC INSTALLATION

1. Operator Linear
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Control unit
7. Key or digital switch

READY FOR





TECHNICAL DATA

Model		LINEAR400230	LINEAR40024	LINEAR500230	LINEAR50024
Code		22S038	22S039	22S040	22S041
Motor supply	(Vac 50 Hz / Vdc)	230 Vac	24 Vdc	230 Vac	24 Vdc
Maximum power draw	(W)	340	120	340	120
Speed	(m/s)	0,016	0,014	0,016	0,014
Force max	(N)	2000	1800	2000	1800
Working cycle	(%)	30	90	30	90
Travel	(mm)	400		500	
Protection level	(IP)	54			
Operating temperature	(°C)	-20 ÷ +55			
Automation weight	(kg)	6	5,5	6	5,5
Operator dimensions	(mm)	700x100x177 h		800x100x177 h	

24 V version also available for markets with 110 V / 60 Hz mains power supply

LINEAR

Model	Motor	Travel	Fixing kit	Wing max dimensions
Linear 400230	230 Vac	400	•	3 m - 300 kg
Linear 500230	230 Vac	500	•	4,5 m - 250 kg
Linear 40024	24 Vdc	400	•	3 m - 300 kg
Linear 50024	24 Vdc	500	•	4,5 m - 250 kg

Mechanical limit switch not included

LINEAR KIT

Model	Code	MOTOR	STARG8 AC BOX	STARG8 24 BOX	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
LINEARK400230	29S095	LINEAR400230 (2)	•		• (2)	•	•	•	3 m - 300 kg
LINEARK400230VL	29S098	LINEAR400230 (2)	•		• (2)				3 m - 300 kg
LINEARK500230	29S106	LINEAR500230 (2)	•		• (2)	•	•	•	4,5 m - 250 kg
LINEARK500230VL	29S108	LINEAR500230 (2)	•		• (2)				4,5 m - 250 kg
LINEARK40024	29S099	LINEAR40024 (2)		•	• (2)	•	•	•	3 m - 300 kg
LINEARK40024VL	29S105	LINEAR40024 (2)		•	• (2)				3 m - 300 kg
LINEARK50024	29S109	LINEAR50024 (2)		•	• (2)	•	•	•	4,5 m - 250 kg
LINEARK50024VL	29S115	LINEAR50024 (2)		•	• (2)				4,5 m - 250 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



LINEAR



STARG8 BOX



STYLO 4K



IDEA



VIKY 30



TAB





LOCKHO - COD. 162913
Horizontal
electro lock 12 V



LOCKVE - COD. 162912
Vertical
electro lock 12 V

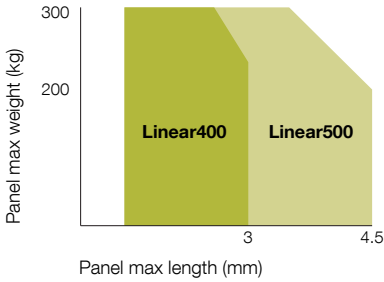
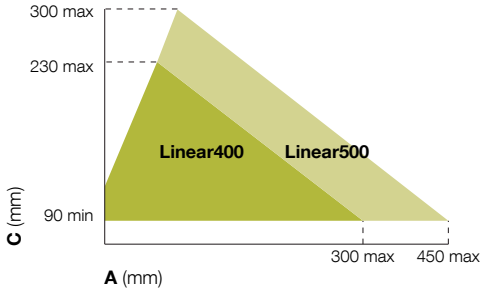
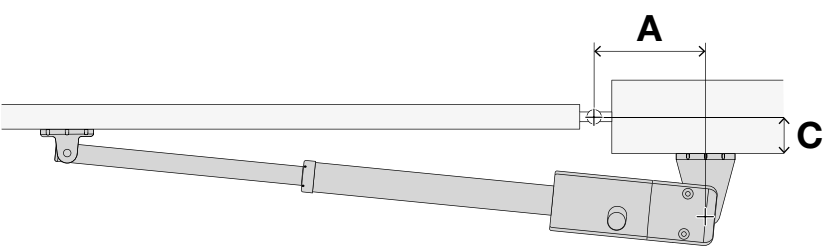


BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016

LIMITS OF USE FOR THE PRODUCT



Modus

Automation for swing gates with leaves up to 4.2 m - 500 kg

PATENTED PERFORMANCES

Thanks to its patented mechanics, Modus can automate big gates with dimensions up to 4.2 m and 500 kg. It has a precise mechanical limit switch regulation that allows a fine adjustment of the wing in opening and closing. Easy and fast to install with its 165 mm of width, available in two motor versions with two standard arms and two optional arms with sliding and rotating features for every type of installation.

4 kilograms of aluminum, 4-stage gear box entirely in stainless and high-quality synthetic lubricant make Modus a indestructible automation and can be used at any temperature.

The 24 V motor allows intensive use installations.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.

NEW MOTOR FOR MODUS XL

MODUS XL new transmission guarantees maximum reliability and mechanical resistance even for challenging installations thanks to a more powerful gear motor.



1.



2.



3.

1. CONTROL UNIT

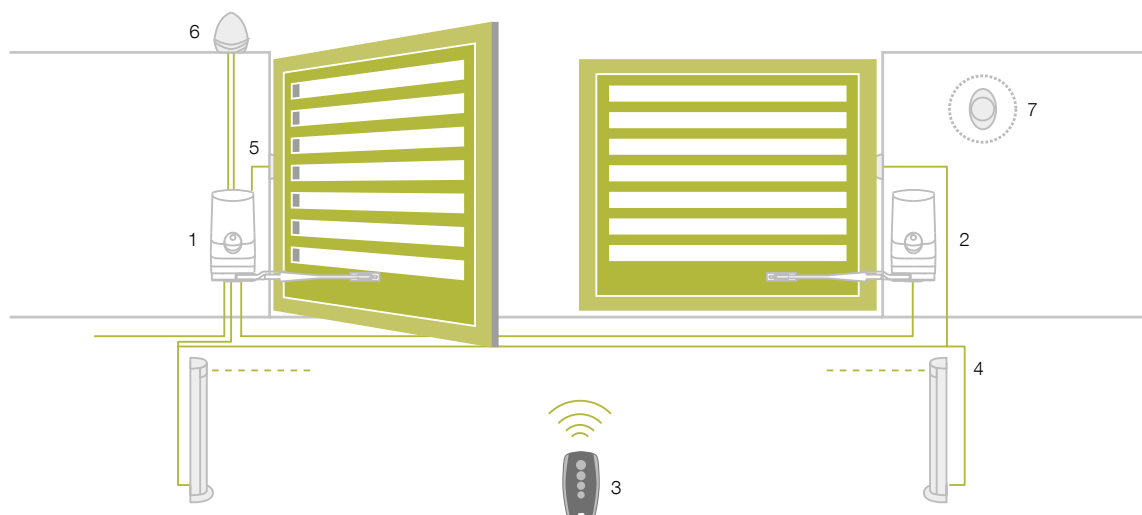
Fast regulation with trimmers and dip-switches, programming with self-learning function

2. ARTICULATED ARM

Strong die-cast aluminium arm with anti-shearing device

3. MECHANICAL LIMIT SWITCH

Strong adjustable steel limit switch

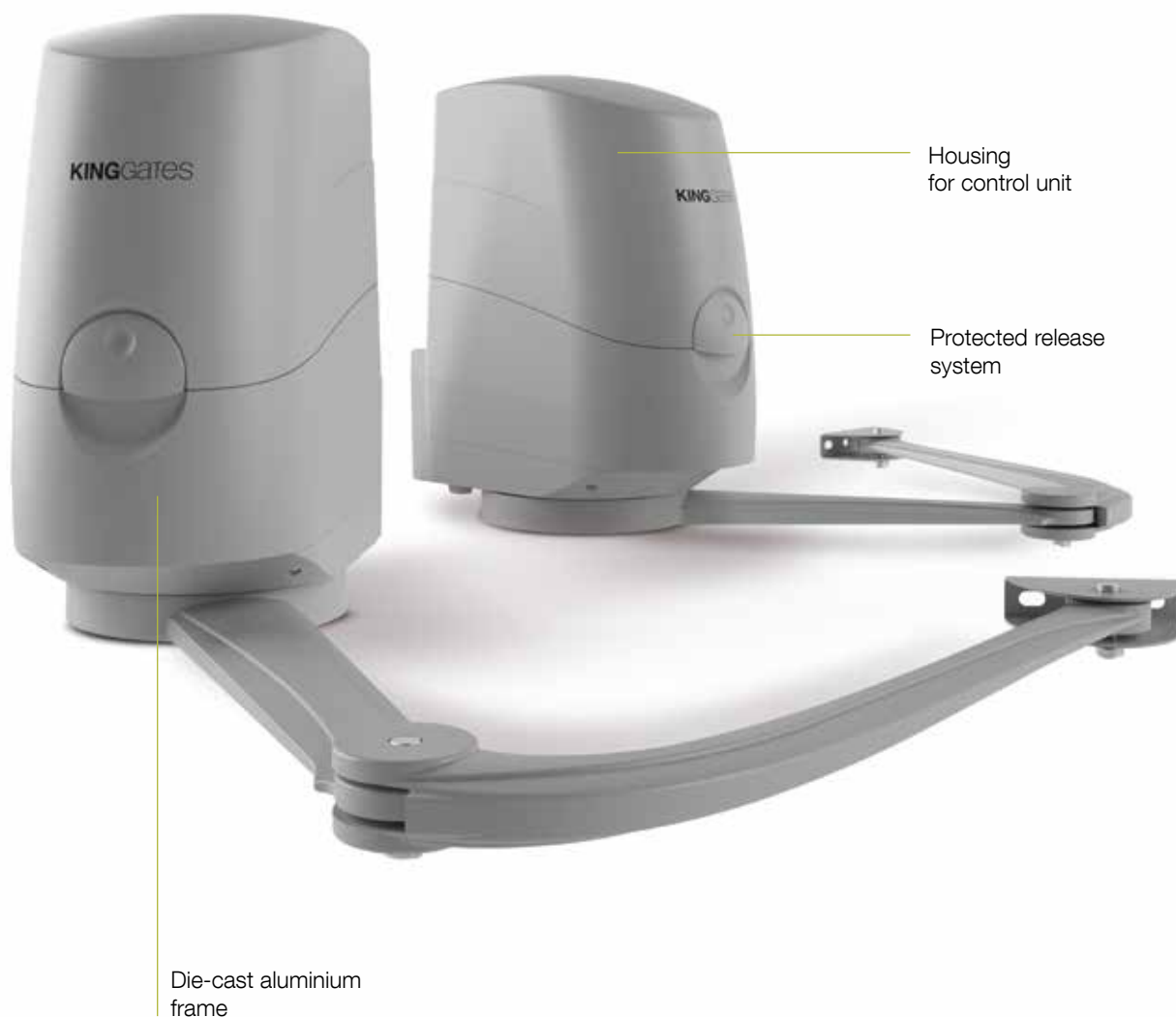


BASIC INSTALLATION

1. Operator Modus MA
2. Operator Modus SL
3. Transmitter
4. Photocells mounted on posts
5. Photocells
6. Flashing light
7. Key or digital switch

READY FOR





TECHNICAL DATA

Model		MODUS280SL + MODUS280MA	MODUSXL SL + MODUSXLMA
Code		22S044 + 22S042	22S050 + 22S048
Mains power supply	(Vac 50 Hz)	230	
Motor supply	(Vdc)	24	
Maximum power draw	(W)	280	350
Speed	(rpm)	1,5	
Torque max	(Nm)	650	760
Working cycle	(%)	80	
Protection level	(IP)	44	
Operating temperature	(°C)	-20 ÷ +55	
Automation weight	(kg)	7,5	
Operator dimensions	(mm)	165x250x306 h	

24 V version also available for markets with 110 V / 60 Hz mains power supply

MODUS

Model	Motor	Control unit	Radio receiver	Mechanical stop	Fixing kit	Wing max dimensions
Modus 280 SL	24 Vdc			• (2)	•	2,8 m - 300 kg
Modus 280 MA	24 Vdc	STARG8 24	•	• (2)	•	2,8 m - 300 kg
Modus XL SL	24 Vdc			• (2)	•	4,2 m - 500 kg
Modus XL MA	24 Vdc	STARG8 24	•	• (2)	•	4,2 m - 500 kg

Gear motors Modus don't include the arm of connection to the leaf. It is necessary to choose the most suitable arm for the gate in the list of the following page.

MODUS KIT

Model	Code	MODUS 280 MA	MODUS 280 SL	MODUS XL MA	MODUS XL SL	MO LINK 420	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
MODUSKIT280	29S128	•	•			• (2)	• (2)	•	•	•	2,8 m - 300 kg
MODUSKIT280VL	29S149	•	•			• (2)	• (2)				2,8 m - 300 kg
MODUSKITXL	29S152			•	•	• (2)	• (2)	•	•	•	4,2 m - 500 kg
MODUSKITXLVL	29S155			•	•	• (2)	• (2)				4,2 m - 500 kg

Kits include the arm MO LINK 420.
24 V version also available for markets with 110 V / 60 Hz mains power supply



MODUS MA



MODUS SL



STYLO 4K



IDEA




VIKY 30




TAB




CONNECTION ARMS




MOLINK180 - COD. 162271
For leaves up to 1.8 m. Distance between the axle of rotation of the gate and the fixing surface of the gear motor 200 mm




MOLINK420 - COD. 162272
For leaves up to 4.2 m. Distance between the axle of rotation of the gate and the fixing surface of the gear motor 350 mm



MOLINKR42 - COD. 162275
Rotative arm
(Inclination +/- 8°)
Leaves max dimensions 4.2 m - 500 kg



MOLC18SX - COD. 162273
Sliding arm for leaves up to 1.8 m - 300 kg.
Left version



MOLC18DX - COD. 162274
Sliding arm for leaves up to 1.8 m - 300 kg.
Right version

ACCESSORIES



BK40 - COD. 1729A5
Mechanical limit switch
(2 pieces)



BLINDO44 - COD. 162662
External lever release with
wire rope included



BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016



LOCKHO - COD. 162913
Horizontal
electro lock 12 V



LOCKVE - COD. 162912
Vertical
electro lock 12 V



KINGKONNECT - COD. 161234
WiFi module to manage
STARG8 central units
from Smartphone

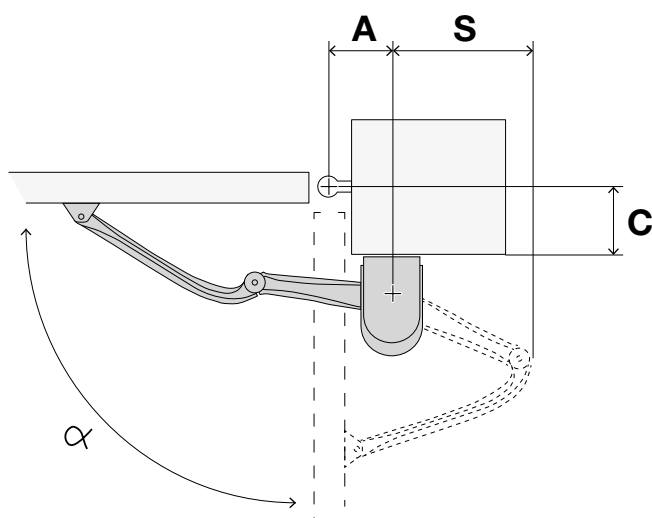


WI-CLAVIS - COD. 161235
WiFi module for managing
automations via Smartphone



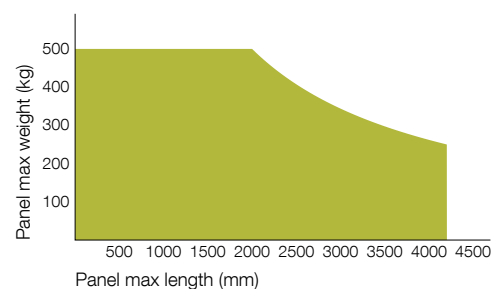
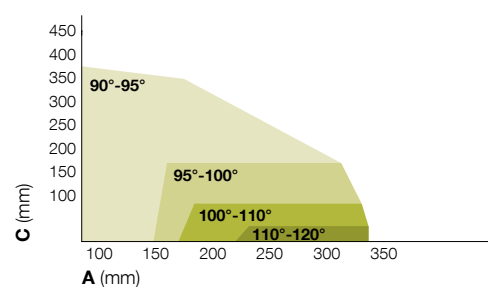
CLAVIS ACCESS - COD. 161251
<https://clavis.app/>

LIMITS OF USE FOR THE PRODUCT



MO LINK 420

A	C	S	α
140	30	314	90
250	30	398	110
140	80	340	90
185	80	387	100
140	130	355	90
170	130	387	95
140	160	364	90
160	160	388	95
140	200	375	90
150	200	392	90
140	240	383	90
150	240	394	90
140	280	389	90
170	280	393	90
140	320	390	90
170	320	385	90



MiniModus

Automation for swing gates with leaves up to 2 m - 250 kg

EASY TO INSTALL

MiniModus is the gear motor with articulated arm for swing gates with leaves up to 2 m - 250 kg. **With just 155 mm in width, this gear motor can be fixed also on small spaces while the geometry of its articulated arm guarantees an installation on wide posts with distance between the axle of the leaf and the fixing surface of the gear motor up to 240 mm.**

COMPACT AND SAFE

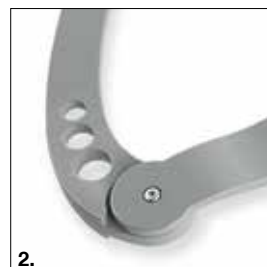
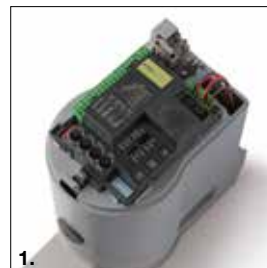
MiniModus holds inside a control unit and the housing for batteries which guarantee operations also after several hours of black-out.

The release operation, as for all KINGgates products, is simple and fast while the fixing of the gear motor to a post and on the gate is fast and comfortable to the fitter. In fact, thanks to screw-adjustable brackets, it is not necessary any operation of welding.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1. CONTROL UNIT

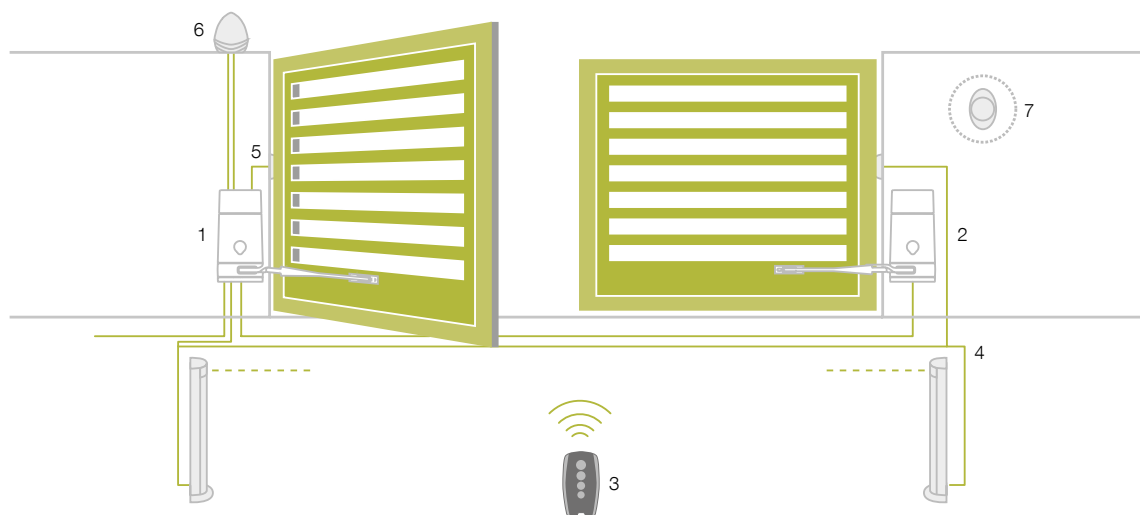
Fast regulation by trimmers and dip-switches, programming with self-learning function

2. ARTICULATED ARM

Strong die-cast aluminium arm with anti-shearing device

3. MECHANICAL LIMIT SWITCH

Strong adjustable steel limit switch



BASIC INSTALLATION

1. Operator MiniModus MA
2. Operator MiniModus SL
3. Transmitter
4. Photocells mounted on posts
5. Photocells
6. Flashing light
7. Key or digital switch

READY FOR





TECHNICAL DATA

Model	MINIMODUS24SL + MINIMODUS24MA	
Code	22S006 + 22S005	
Mains power supply	(Vac 50 Hz)	230
Motor supply	(Vdc)	24
Maximum power draw	(W)	250
Speed	(rpm)	1
Torque max	(Nm)	150
Working cycle	(%)	50
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Automation weight	(kg)	6,2
Operator dimensions	(mm)	155x253x314 h

24 V version also available for markets with 110 V / 60 Hz mains power supply

MINIMODUS

Model	Motor	Control unit	Radio receiver	Mechanical stop	Fixing kit	Articulated arm	Wing max dimensions
MiniModus SL	24 Vdc	-	-	• (1)	•	•	2 m - 250 kg
MiniModus MA	24 Vdc	STARG8 24	•	• (1)	•	•	2 m - 250 kg

MINIMODUS KIT

Model	Code	MINIMODUS MA	MINIMODUS SL	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
MINIMODUSKIT24	29S123	•	•	• (2)	•	•	•	2 m - 250 kg
MINIMODUSKIT24VL	29S126	•	•	• (2)				2 m - 250 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



MINIMODUS MA



MINIMODUS SL



STYLO 4K



IDEA



VIKY 30



TAB





LOCK HO - COD. 162913
Horizontal
electro lock 12 V



LOCKVE - COD. 162912
Vertical
electro lock 12 V



BATM016 - COD. 161237
24 V 1.6 Ah battery



BATK3 - COD. 161232
Battery charge card
for BAT M016



KINGKONNECT - COD. 161234
WiFi module to manage
STARG8 central units
from Smartphone

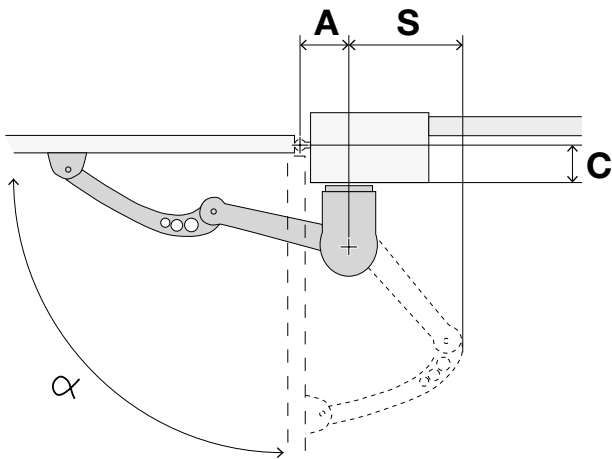


WI-CLAVIS - COD. 161235
WiFi module for managing
automations via Smartphone

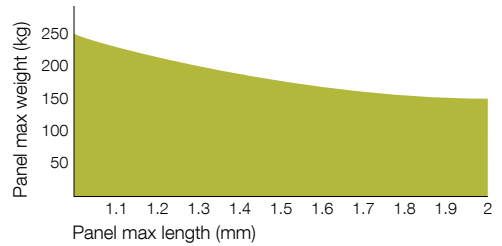
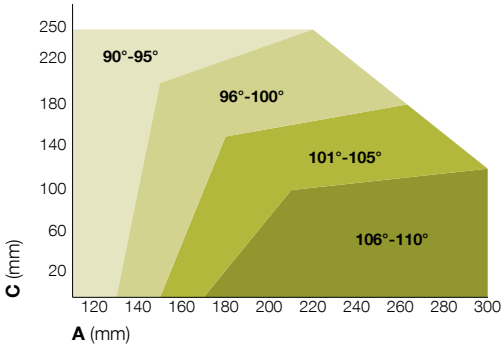


CLAVIS ACCESS - COD. 161251
<https://clavis.app/>

LIMITS OF USE FOR THE PRODUCT



A	C	S	α
130	30	350	95
180	30	385	105
135	60	360	95
195	60	385	105
140	90	365	95
205	90	385	105
140	120	375	95
220	120	385	105
145	150	380	95
230	150	370	105
150	180	365	95
250	180	330	105
165	210	370	95
205	240	345	95



Intro

Automation for swing gates with leaves up to 4 m - 650 kg

DESIGN AND TECHNOLOGY

The underground installation makes the automation completely invisible

without altering the appearance of the gate. The solid die cast aluminium and IP67 watertight seal ensure reliable operation and low maintenance. In the event of power failure, manual opening of the gate is immediate thanks to the release lever accessory, or in the 24 V version, the battery buffer system.

COMPLETE RANGE

The Intro automation is available in 230 V and 24 V versions, with electrophoretic painted and stainless steel boxes for a long working life and two types of release device, lever or key operated.

SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



1.



2.



3.

1. RELEASE

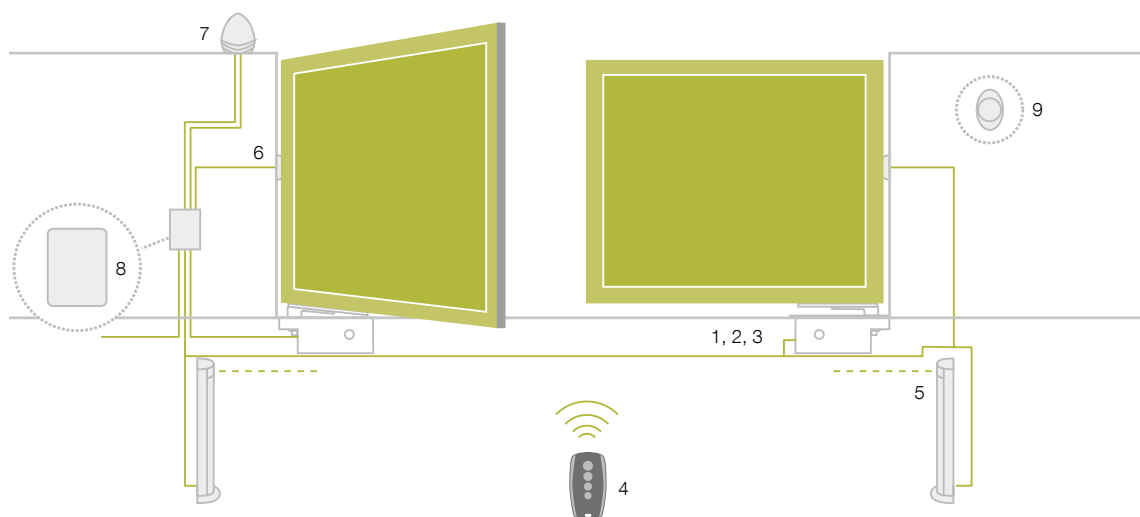
Available with key or lever

2. FOUNDATION BOX

Tough extra thick foundation box

3. MECHANICAL STOP

Opening and closing stop as standard

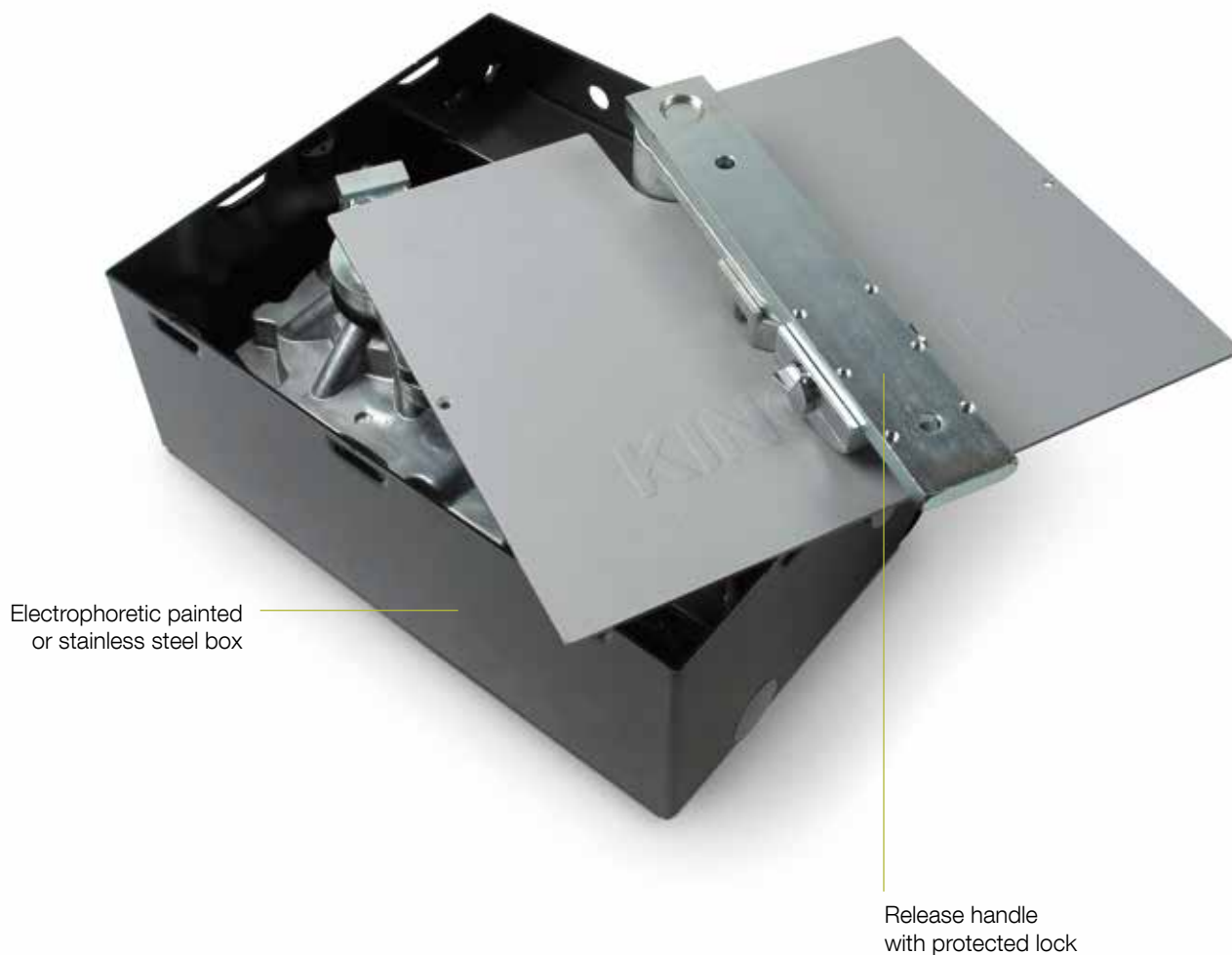


BASIC INSTALLATION

1. Operator Intro
2. Foundation box
3. Unlock system
4. Transmitter
5. Photocells mounted on posts
6. Photocells
7. Flashing light
8. Control unit
9. Key or digital switch

READY FOR





TECHNICAL DATA

Model		INTRO 24-400	INTRO 230-400
Code		22S001	22S057
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc	230 Vac
Maximum power draw	(W)	120	340
Speed	(rpm)	1	0,85
Torque max	(Nm)	300	500
Working cycle	(%)	80	30
Protection level	(IP)	67	
Operating temperature	(°C)	-20 ÷ +55	
Leaf opening	(°)	Max 110 (360 con INT 360)	
Automation weight	(kg)	12,5	14,3
Foundation box dimensions	(mm)	400x325x152 h	

24 V version also available for markets with 110 V / 60 Hz mains power supply

INTRO

Model	Motor	Mechanical stop in closing	Wing max dimensions
INTRO 230-400	230 Vac	•	4 m - 650 kg
INTRO 24-400	24 Vdc	•	4 m - 650 kg

CASSE DI FONDAZIONE

Model	Code	Zinc coated steel frame	Stainless steel frame	Lever unlock system	Mechanical stop in opening
INTROBOX 400	1622A6	•		-	•
INTROBOX 400 S	1622C7		•	-	•

Introbox boxes do not include the release lever. To complete the kit, add the "INTRO LOCK" or "INTRO KEY" code (see accessories)





INTROLOCK - COD. 1622B1
Lever release unlock system



INTROKEY - COD. 1622A9
Key release unlock system



INTROFR - COD. 1622A8
Adapter for foundation boxes



INK - COD. 1722H7
Lever-type unlock for INTRO LOCK (4 pcs/package)



INT 360 - COD. 162267
Kit for 360° leaf opening

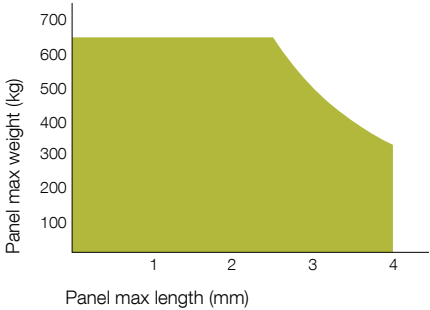


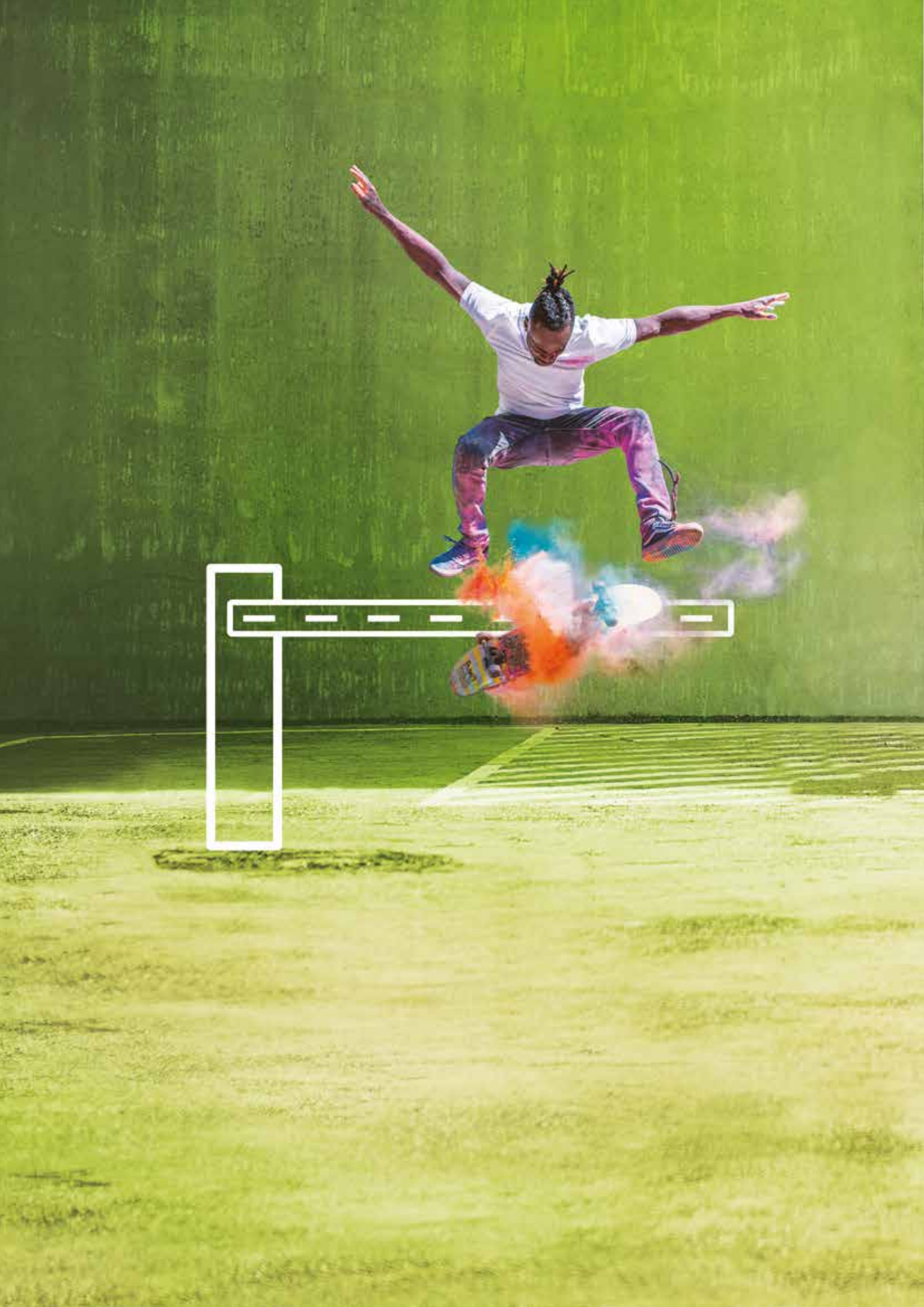
LOCK HO - COD. 162913
Horizontal
electro lock 12 V



LOCK VE - COD. 162912
Vertical
electro lock 12 V

LIMITS OF USE FOR THE PRODUCT





ROAD BARRIERS automation open

Open

Automation for barriers with bars up to 4 and 6 m long

COMPLETE RANGE

Available in 2 versions with bars from 4 up to 6 m, Open barriers are the ideal solution for control access of private roads, industrial complex and public transit areas.

The 24 V direct current operator and the easy speed regulation allow a fast and intensive use, with opening time of just 3.5 seconds.

The installation is easy thanks to the possibility to assemble the bar on either the right or left hand side indifferently, and to the easy balance through a linear adjustment of the spring.

OVERALL SAFETY

The anti-crush safety feature is guaranteed on opening and closing.

The control unit is protected by a metal frame and accessible just by a customised lock.

The manual opening is simple thanks to the protected release system, while the battery kit, purchasable as additional accessory, guarantees operations also in case of black-out.

ACCESSORIES

Open barriers are completed by a wide and innovative range of accessories. The painted aluminium bars are extensible through strong joints that facilitate their transport and installation. The joint for bars allows installations also in underground garages or where the height of the ceiling doesn't allow the installation of standard bars. The led lights efficaciously signal the opening and closing of the bar.



1.



2.



3.

1. RELEASE SYSTEM

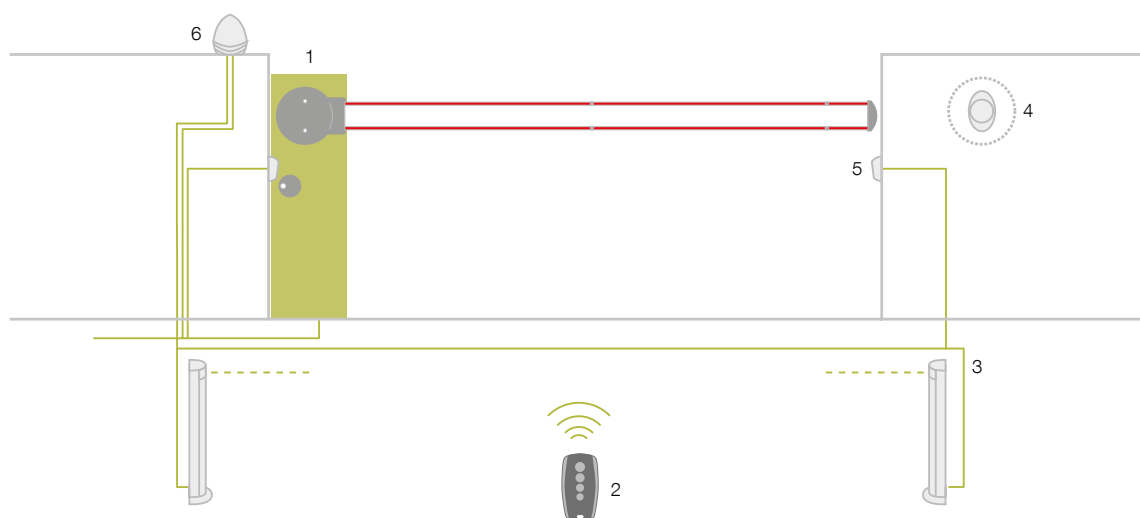
Strong and reliable key release system

2. BAR

Elliptic profile in painted aluminium

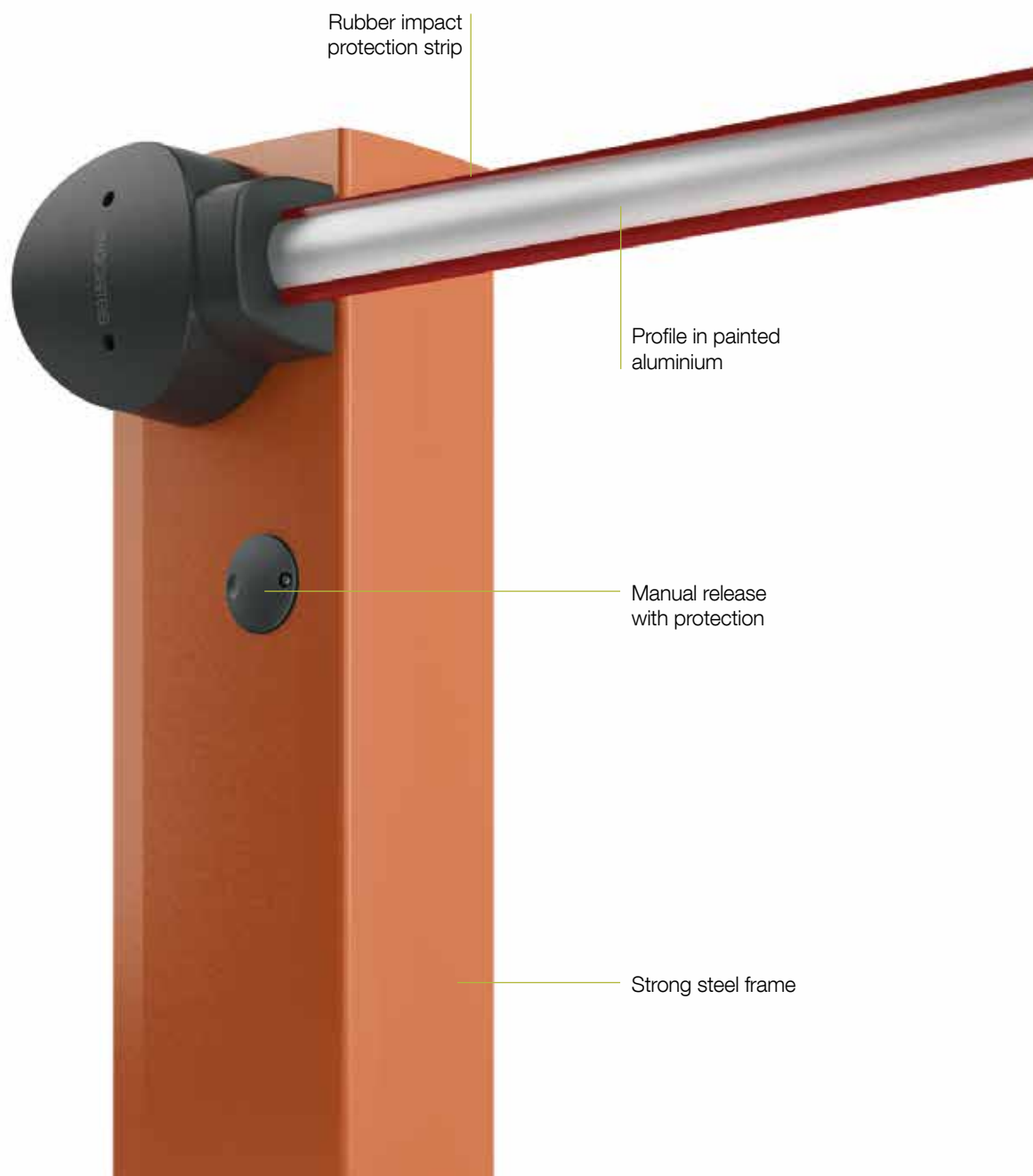
3. CONTROL UNIT

Wide lodging for control unit and electric wirings



BASIC INSTALLATION

1. Operators Open
2. Transmitter
3. Photocells mounted on posts
4. Key switch
5. Photocells
6. Flashing light



TECHNICAL DATA

Model		OPEN4000	OPEN6000
Code		36S001	36S002
Mains power supply	(Vac)	230	
Absorption	(A)	8	5
Power	(W)	180	100
Opening time	(sec)	3,5	7
Torque	(Nm)	150	220
Working cycle	cicli/ora	300	200
Protection level	(IP)	54	
Operating temperature	(°C)	-20 ÷ +70	
Dimensions	(mm)	320x220x1000 h	420x220x1050 h
Weight	(kg)	46	54

Also available in 110 V / 60 Hz version

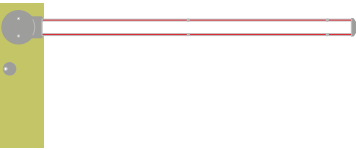
OPEN

Model	Motor	Control unit	Radio receiver	Fixing kit	Maximum bar length
Open 4000	24 Vdc	Star Open		•	4 m
Open 6000	24 Vdc	Star Open		•	6 m

24 V version also available for markets with 110 V / 60 Hz mains power supply
Important: when applying all the optional accessories to the boom, please limit the lenght to a max. of mt. 5 for OPEN 6000 and 3.5 meters for OPEN 4000

ASTE

Model	Code	Bar length	Compatible with Open 4000	Compatible with Open 6000	ASOLINK joint obligatory
ASO4000	163638	4 m	•		
ASO3000	163647	3 m		•	•
ASO5000	163639	5 m		•	



OPEN 4000 + ASO 4000
Barrier complete with fixing accessories
and 4 m max. bar length



OPEN 6000 + ASO 5000
Barrier complete with fixing accessories
and 5 m max. bar length



OPEN 6000 + n°2 ASO 3000 + n°1 ASOLINK
Barrier complete with fixing accessories
and 6 m max. bar length



ACCESSORIES

Per OPEN 4000



ASO4000 - COD. 163638
Bar for 4 m passage



ASOLED4000 - COD. 163651
Indicator lights for click fixture on upper or lower side of bar. 4m passage (ASORUB must be purchased together to allow fixing)



ASOB4000 - COD. 163648
Anchorage base (OPEN4000 comes with 1 set included)



ASOGRID - COD. 163650
Aluminium rack (2 m)

Per OPEN 6000



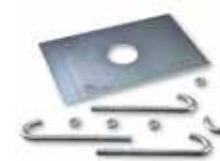
ASO3000 - COD. 163647
Bar for 3 m passage



ASO5000 - COD. 163639
Bar for 5 m passage



ASOLINK - COD. 163653
Expansion joint compatible with ASO 3000



ASOB6000 - COD. 163649
Anchorage base (OPEN6000 comes with 1 set included)



ASOLED6000 - COD. 163652
Indicator lights for click fixture on upper or lower side of bar. Length 6 m



ASOGRID - COD. 163650
Aluminium rack (2 m)



ASOJOINT - COD. 163640
Joint for bars ASO3000 (from 1950 mm to 2400 mm)

COMMON ACCESSORIES



ASORUB - COD. 163641
Rubber impact protection strip (9 pcs. x 1 m / package)



ASOSTICK - COD. 163642
Red adhesive reflector strips (20 pcs. / package)



RX K1 - COD. 11S003
Plug-in receiver



ASOPA - COD. 163643
Mobile stand for bars



ASOPF - COD. 163654
Adjustable stand for bars



BAT K30 - COD. 161250
Plug-in card for battery charger



BAT60 - COD. 161233
12 V, 6 Ah batteries (two batteries required for operation)

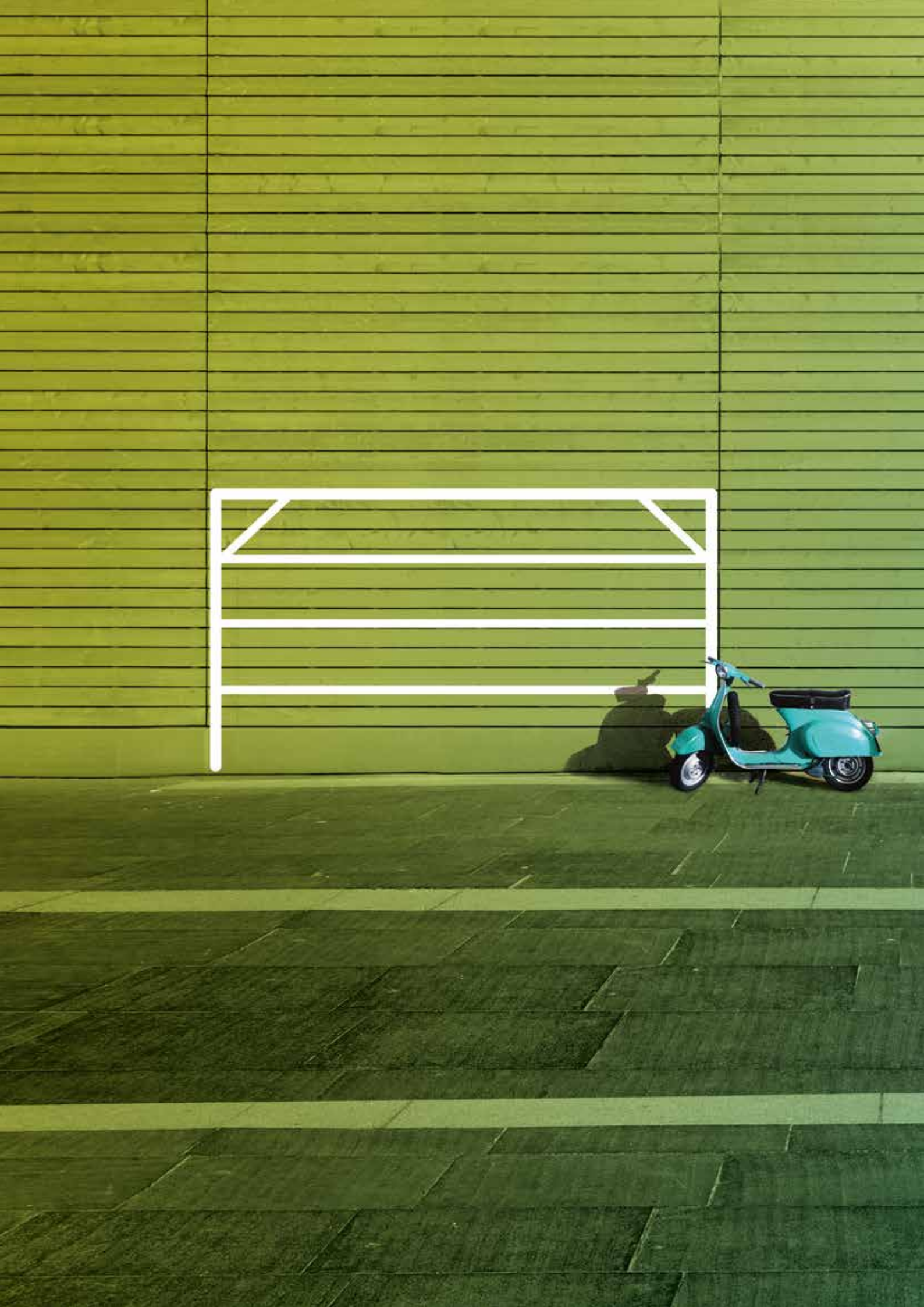


VEK1 - COD. 162241
Inductive loop detectors (single-channel)

VEK2 - COD. 162242
Inductive loop detectors (two-channel)



WIRE9 - COD. CAB106
Perimeter wire (9 m)



**automation
FOR SECTIONAL
and OVERHEAD
DOORS**
ROLLS
eLevo

**automation
FOR ROLLING
SHUTTERS**
RING
RING XL

Rolls

Automation for sectional doors up to 23 m² and overhead doors up to 14 m²

NEW ELECTRONICS

ROLLS automations for sectional doors are available in 700N and 1200N and equipped with latest-generation electronics.

The new control board STAR ROLLS allows you to connect the automation to your wi-fi network and use the KING GATES apps: KING SPECIALIST, dedicated to the installer, and CLAVIS, designed for the end-user.

The installation procedure is as quick and easy as for all the other KINGgates control boards. Adjustment of the main parameters is intuitive thanks to 3 potentiometers and 4 dip switches.

ROLLS automations are equipped with a courtesy led light, allowing better lighting of the garage.

The housing for the buffer batteries, located on the back of the base, is robust and externally invisible.

Belt drive is reliable and silent while the pinion eliminates the possibility of "slippage".

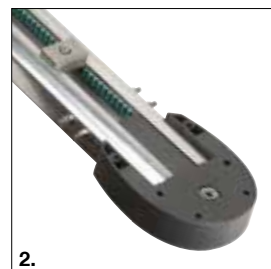
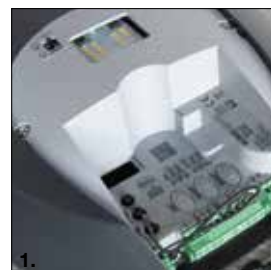
The 3 or 4 meters pre-assembled guides, help optimizing the installation time while the encoder stroke control minimizes the programming phase.

Built-in LED ambient lighting lamp.

INNOVATIVE MANUAL RELEASE SYSTEM

The innovative release system is designed to be operated by both the cord connected to the carriage drive, and the handle on the door. The manual operation via the cord needs no installation on the handle. This maintains the automation released allowing the opening and closing of the door without the automatic latching of the carriage.

In case of a black-out, this system allows the user to choose between closing the door and then open it without any release operation or to close the door and holding it re-hooked till the next release operation from inside.



1. ELECTRONICS

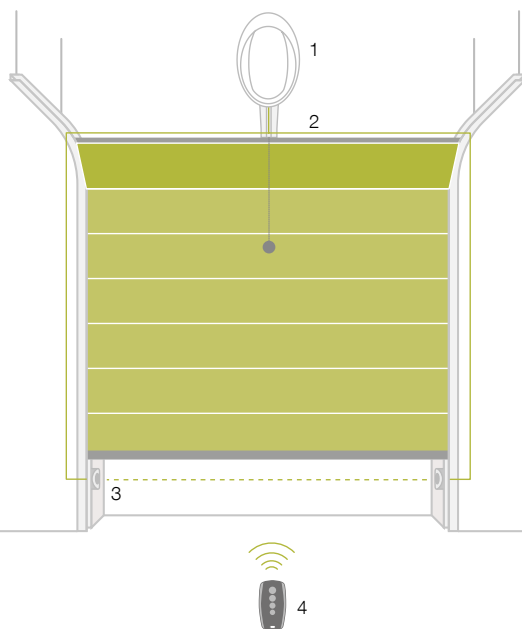
Programming with self-learning function, adjustable functions through dip-switches and regulation of power and speed

2. STEEL RAIL

Strong guide in profiled metal and belt drive transmission with 6 core steel cables

3. ASSEMBLY

Easy joint between gear motor and rail, safe and accurate thanks to metric screws

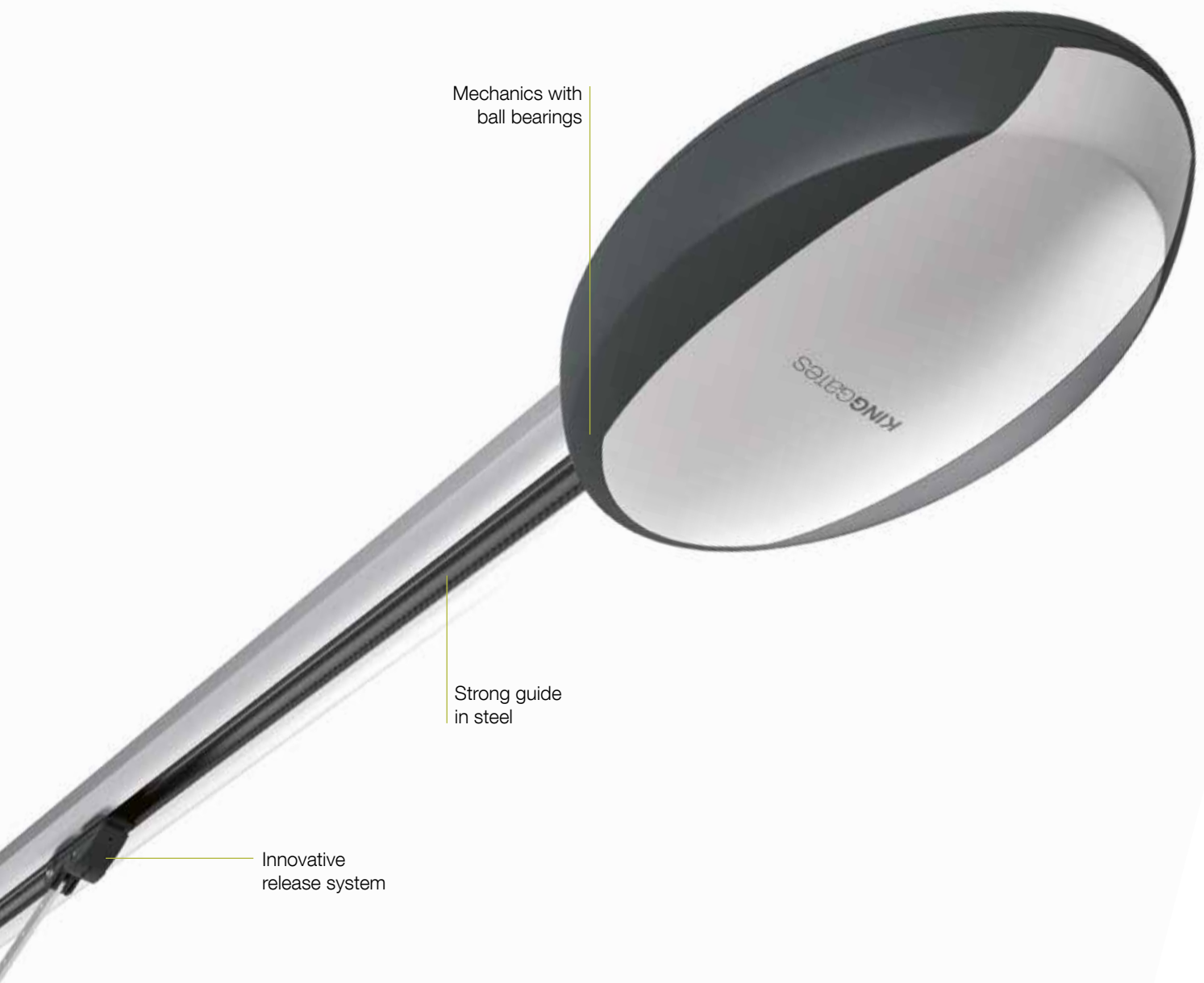


BASIC INSTALLATION

1. Operator Rolls
2. Rail
3. Pair of photocells
4. Transmitter

READY FOR





TECHNICAL DATA

Model		ROLLS700	ROLLS1200
Code		25S020	25S017
Mains power supply	(Vac 50 Hz)	230	
Motor supply	(Vdc)	24	
Maximum power draw	(W)	250	300
Speed	(m/s)	0,16	
Force max	(N)	700	1200
Max dimensions sectional door	(m²)	12	23
Max dimensions overhead door	(m²)	10	14
Working cycle	(%)	60	
Protection level	(IP)	40	
Operating temperature	(°C)	-20 ÷ +55	
Operator dimensions	(mm)	414x264x110 h	

ROLLS

Model	Motor	Control unit	Radio receiver	Batteries	Encoder	Force max (N)
Rolls 700	24 Vdc	STAR ROL	•		•	700
Rolls 1200	24 Vdc	STAR ROL	•		•	1200

GUIDE

Model	Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
GRB 3	162579	Cinghia	3 m	2,40 m	1 x 3 m
GRB 4	162583		4 m	3,40 m	3 m + 1 m

RAIL GRB

The GRB rails are made with 6 iron cables belt, with a maximum power equal to 1200 N and a nylon textile covering for an extra silent working.

ROLLS KIT

Model	Code	ROLLS 700	ROLLS 1200	GRB 3 COD. 162579 (1 x 3m)	GRB 4 COD. 162583 (1 x 4m)	STYLO 4K	Force max (N)
ROLLSK700GRB3	32S074	•		•		• (2)	700
ROLLSK1200GRB3	32S075		•	•		• (2)	700
ROLLSK1200GRB4	32S076		•		•	• (2)	1200



ROLLS



GRB 3 / GRB 4



STYLO 4K





ARC 01 - COD. 162547
Swinging arm for overhead doors



SRO 01 - COD. 162548
Additional fastening brackets kit



SRO 02 - COD. 162549
Extension bracket for the pulling arc



SBLO 500 - COD. 162541
External unlocking system. Applied with an hole in the door



CLAVIS ACCESS - COD. 161251
<https://clavis.app/>



KINGKONNECT - COD. 161234
WiFi module to manage STARG8 central units from Smartphone



WI-CLAVIS - COD. 161235
WiFi module for managing automations via Smartphone

Elevo

Automation for sectional doors up to 16 m² and overhead doors up to 11 m²

COMPACTNESS AND SIMPLICITY

Elevo is the KINGgates automation for garage doors in the 620N and 1000N versions. It is available in a kit with a 3 meter rail pre-assembled in 1 piece or in 3 pieces of 1 meter. The new reinforced belt of the 1000N version ensures greater safety and resistance in all conditions. Thanks to the 1000N thrust of the gearmotor, this device is the ideal solution for opening and closing sectional doors up to 16 m².

QUICK INSTALLATION

It only takes a few minutes to assemble this automation: the guide is already completely assembled in the one-piece version while in the 3-piece version the profiles are connected thanks to 2 sturdy interlocking joints.

The coupling of the motor unit with the guide takes place quickly through 4 screws and in the case of ceiling clearance problems, the motor head is designed to be oriented at 90 ° with respect to the guide axis.

The sturdiness of the guide in the 3-pieces version is guaranteed by 2 joints of printed steel.

EW ELECTRONICS AND LED COURTESY LIGHT

Elevo becomes even more powerful and simple to program, thanks to the newly developed control panel STAR EVO.

The installation procedure follows the same logic that distinguishes all KINGgates control units.

The main parameters are adjusted intuitively using 3 potentiometers and 4 dip switches. The garage lighting is guaranteed by a practical **LED courtesy light** integrated into the electronic board.



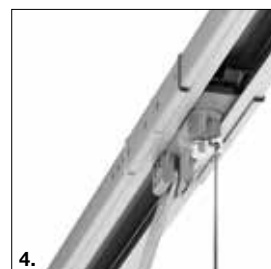
1.



2.



3.



4.

1. ELECTRONICS

Self-learning programming, adjustable parameters with dip-switch and force and speed regulation.

2. LED COURTESY LIGHT

LED technology ensures great brightness, low power consumption and great durability.

3. EASY ACCESS

Comfortable access button to the electronic zone.

4. TROLLEY

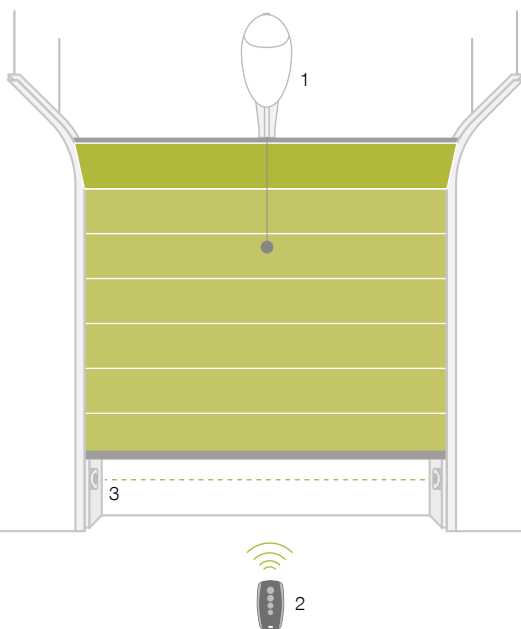
Strong and resistant, designed to allow an intuitive and sure unblocking manoeuvre.

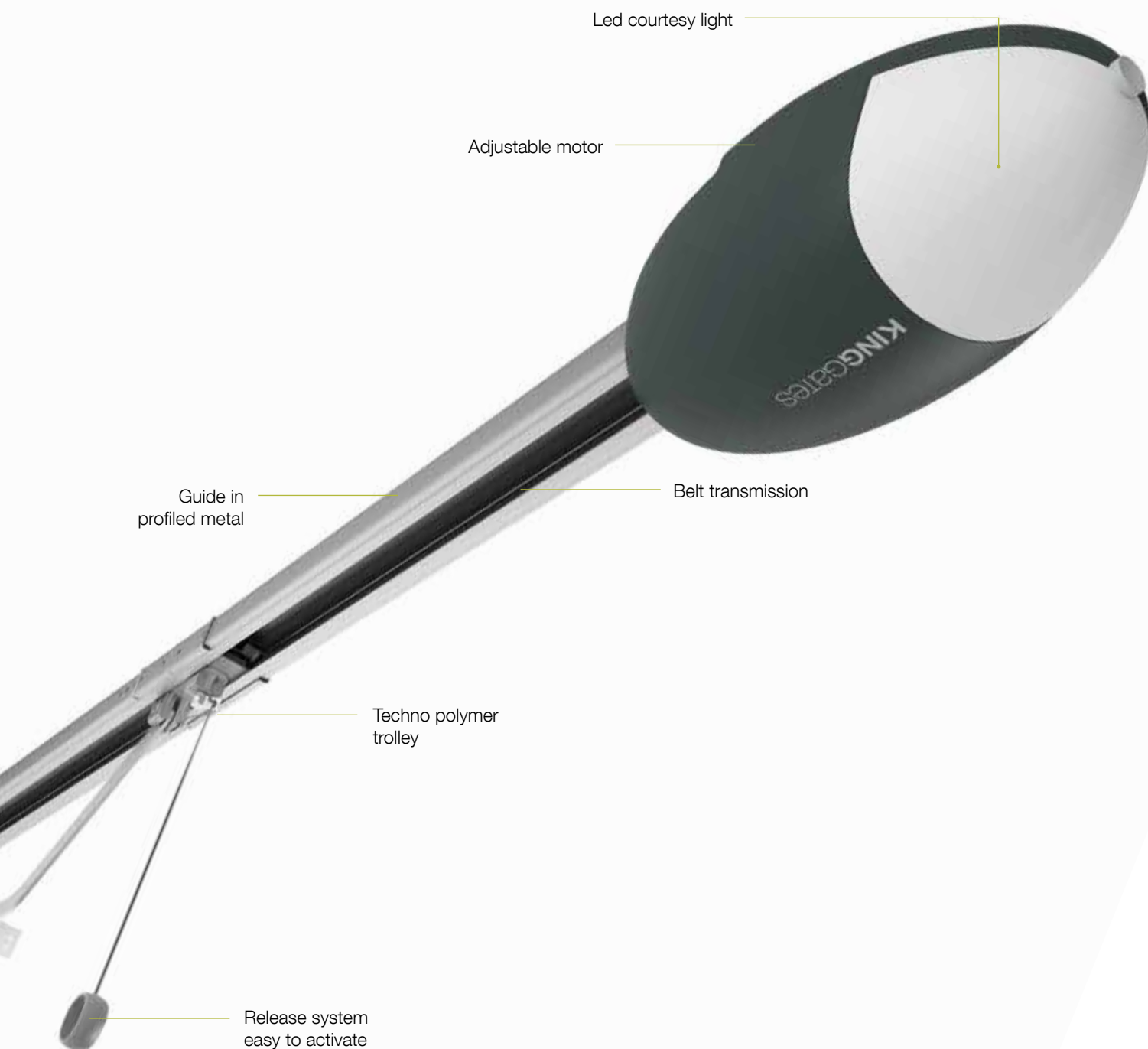
BASIC INSTALLATION

1. Operator Elevo

2. Transmitter

3. Couple of photocells





TECHNICAL DATA

Model		ELEVO 620	ELEVO 1000
Mains power supply	(Vac 50 Hz)	230	230
Motor supply	(Vdc)	24	24
Maximum power draw	(W)	200	300
Speed	(m/s)	0,17	0,17
Force max	(N)	620	1000
Max dimensions sectional door	(m ²)	10	16
Max dimensions overhead door	(m ²)	8,5	11
Working cycle	(%)	30	30
Protection level	(IP)	40	40
Operating temperature	(°C)	-20 ÷ +55	-20 ÷ +55
Operator dimensions	(mm)	390x210x130 h	390x210x130 h

ELEVO

Model	Motor	Control unit	Radio receiver	Light	Encoder	Force max (N)
Elevo 620	24 Vdc	Star EVO	•	•	•	620
Elevo 1000	24 Vdc	Star EVO	•	•	•	1000

GUIDE

Model	Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
GRO 13	162542	Cinghia	3 m	2,4 m	1 x 3 m
GRO 33	162543		3 m	2,4 m	3 x 1 m
GRO 14	162544		4 m	3,4 m	1 x 4 m

ELEVO KIT

Model	Code	ELEVO 620	ELEVO 1000	GRO 13 COD. 162542 (1 x 3 m)	GRO 33 COD. 162543 (3 x 1 m)	GRO 14 COD. 162544 (1 x 4 m)	STYLO 4K
ELEVOK620.02	32S013	•		•			• (2)
ELEVOK620.06	32S016	•			•		• (2)
ELEVOK620.05	32S015	•				•	• (2)



ELEVO



GRO 13 / GRO 33 / GRO 14



STYLO 4K





ARC 01 - COD. 162547
Swinging arm for overhead doors



SRO 01 - COD. 162548
Additional fastening brackets kit



SRO 02 - COD. 162549
Extension bracket for pulling arc>



SBLO 02 - COD. 1725A4
Unlocking system with metal cord



STAR DOOR

Control units for garage doors

CONTROL UNIT – GARAGE COMBINATIONS

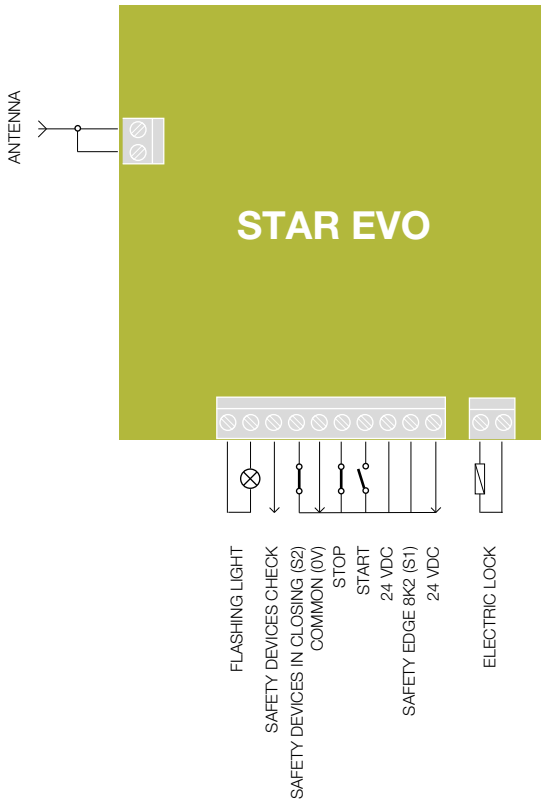
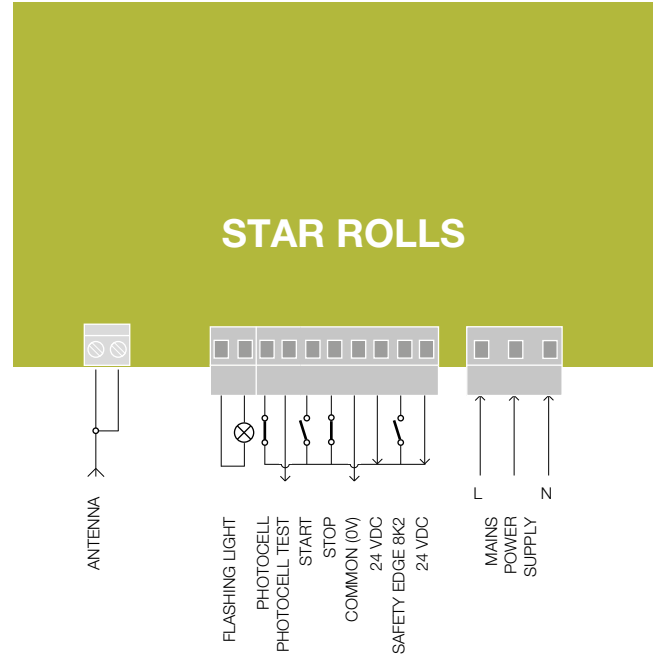
Control unit	Door	Automation
Star ROLLS	Sectional or overhead door	Rolls 700 - Rolls 1200
Star EVO	Sectional door	Elevo 620 - Elevo 1000

ADJUSTMENTS

Code	STAR ROLLS	Star EVO
Force / Speed	•	•
Obstacle sensitivity	•	•
Stand-by time	•	•

CHARACTERISTICS

Code	STAR ROLLS	Star EVO
CONDOMINIUM mode	•	•
STEP by STEP mode	•	•
Automatic closing	•	•
Encoder handling	•	•
Deceleration in opening	•	•
Deceleration in closing	•	•
Safety test	•	•
Flashing light	•	•
Built-in radio receiver	•	•
Safety in closing	•	•
Safety in opening	•	
Optional battery charge card	•	
Built-in aerial	•	•
Extractable terminal block	•	



Ring

Automation for balanced rolling shutters up to 380 kg

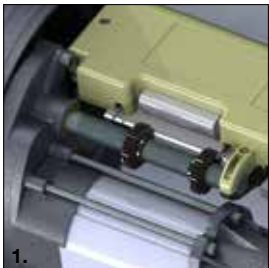
QUALITY AND SAFETY MADE IN ITALY

RING is the new KINGgates automation for rolling shutters. It's MADE IN ITALY, reliable and easy to install. Designed to be installed directly on the axel, is ideal both on pre existing or newly-placed shutters.

The irreversible movement is ensured by means of an electro-brake. In the event of a power outage, the handle release allows perfect reversibility and easy manual operation.

FAST INSTALLATION

The STAR-RING control unit allows easy adjustment and door operating time regulation. It is possible to connect photocells and flashing light while the radio memory can hold up to 30 remote controls. Limit switch adjustment is easily accesible, simple and intuitive.

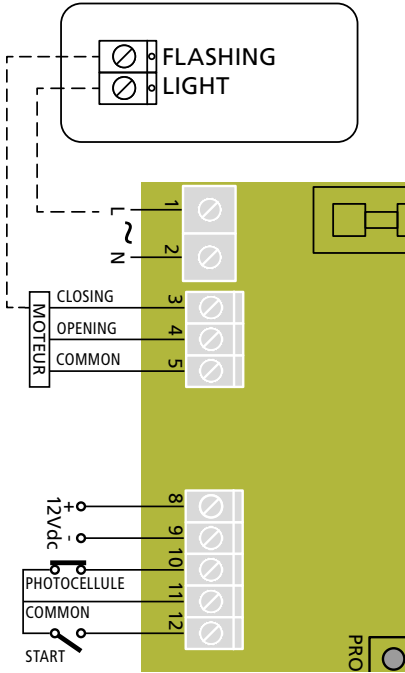


- 1. LIMIT SWITCHES**
Built-in electrical limit switches
- 2. FAST INSTALLATION**
Direct installation on shaft



STAR-RING (COD. 12C058)
Control unit for one 230 Vac motor with built-in receiver

Control unit power supply	230V~ 50/60 Hz - 115V~ 50/60 Hz
Motor/s output	16A 250V~
Power supply for accessories	12 Vdc
Radio receiver	Built-in, 433,92 MHz, 30 codes
Working temperature	-10 ÷ +60 (°C)



ACCESSORIES



EF 170 - COD. 162633
Electro-brake kit complete with cable and release knob for RING170



EF 260 - COD. 162634
Electro-brake kit complete with cable and release knob for RING260 and RING380



SBLO 600 - COD. 162647
Aluminum key selector with tubular lock, control button and electro-brake release



SBLO 700 - COD. 162646
Aluminum key selector with control button and electro-brake release lever



SBLO 800 - COD. 162645
Aluminum wall-mounted key selector with electro-brake release



COD. 162635
Ø 33 axle adapter for RING170 and RING260PLUS



COD. 162636
Ø 42 axle adapter for RING170 and RING260PLUS



COD. 162649
Ø 90 axle adapter for RING380PLUS



COD. 162650
Ø 76 axle adapter for RING380PLUS



RING

Model	Code	Motor	Ø Shaft	Crown	Electro-brake	Max lift
RING170	26S008	230 V	60 mm - 48 mm * - 42 mm	200 / 220 mm		180 kg
RING170PLUS	26S009	230 V	60 mm - 48 mm * - 42 mm	200 / 220 mm	•	180 kg
RING260PLUS	26S012	230 V	60 mm - 48 mm * - 42 mm	200 / 220 mm	•	260 kg
RING380PLUS	26S013	230 V	101 mm - 76 mm *	240 mm	•	380 kg

* adattatori integrati nella confezione

TECHNICAL DATA

Code		RING 170	RING 170PLUS	RING 260PLUS	RING 380PLUS
Motor supply	(Vac 50 Hz)	230	230	230	230
Maximum power draw	(W)	630	630	670	1330
Speed	(rpm)	10	10	10	8
Torque max	(Nm)	170	170	260	430
Work cycle	(%)	1/h	1/h	1/h	1/h
Protection level	(IP)	20	20	20	20
Working temperature	(°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Weight	(kg)	7	8	9	18

Also available in 110 V / 60 Hz version

Ring XL

Automation for rolling shutters without compensation springs up to 600 kg

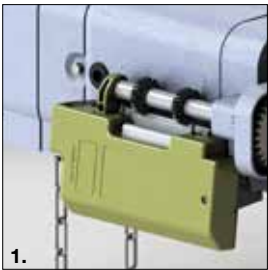
RESISTANCE AND RELIABILITY MADE IN ITALY

RING XL is our new automation for heavy rolling shutters, up to 600kg. It is completely MADE IN ITALY and subjected to multiple tests to guarantee reliability and resistance in any condition. Its robustness is a result of a percentage of aluminum in the fixing areas which is up to 5 times higher than similar motors.

MODULAR MOTOR EASY INSTALLATION

RING XL is a modular automation composed of 4 essential parts: brake, motor, reducer and limit switch box. These parts are removable and interchangeable, which make it easy to intervene in case of necessity. Motor and brake are linked with connectors that can be easily replaced on the spot.

RING XL is ideal both on pre-existing or newly-placed shutters.



1. LIMIT SWITCH
Integrated electrical limit switches

2. ROBUST MECHANICAL TRANSMISSION
Steel for maximum life and reliability

ACCESSORIES



COD. 162637
Motor transmission bracket
(4,6 rpm)



COD. 162648
Motor transmission bracket
(9,3 rpm)



COD. 162638
Support for motor
transmission bracket



COD. 162642
Anti-fall system Ø 40



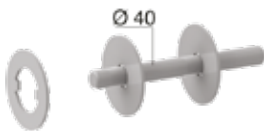
COD. 162643
Support for anti-fall system



COD. 162644
Bearing Ø 40



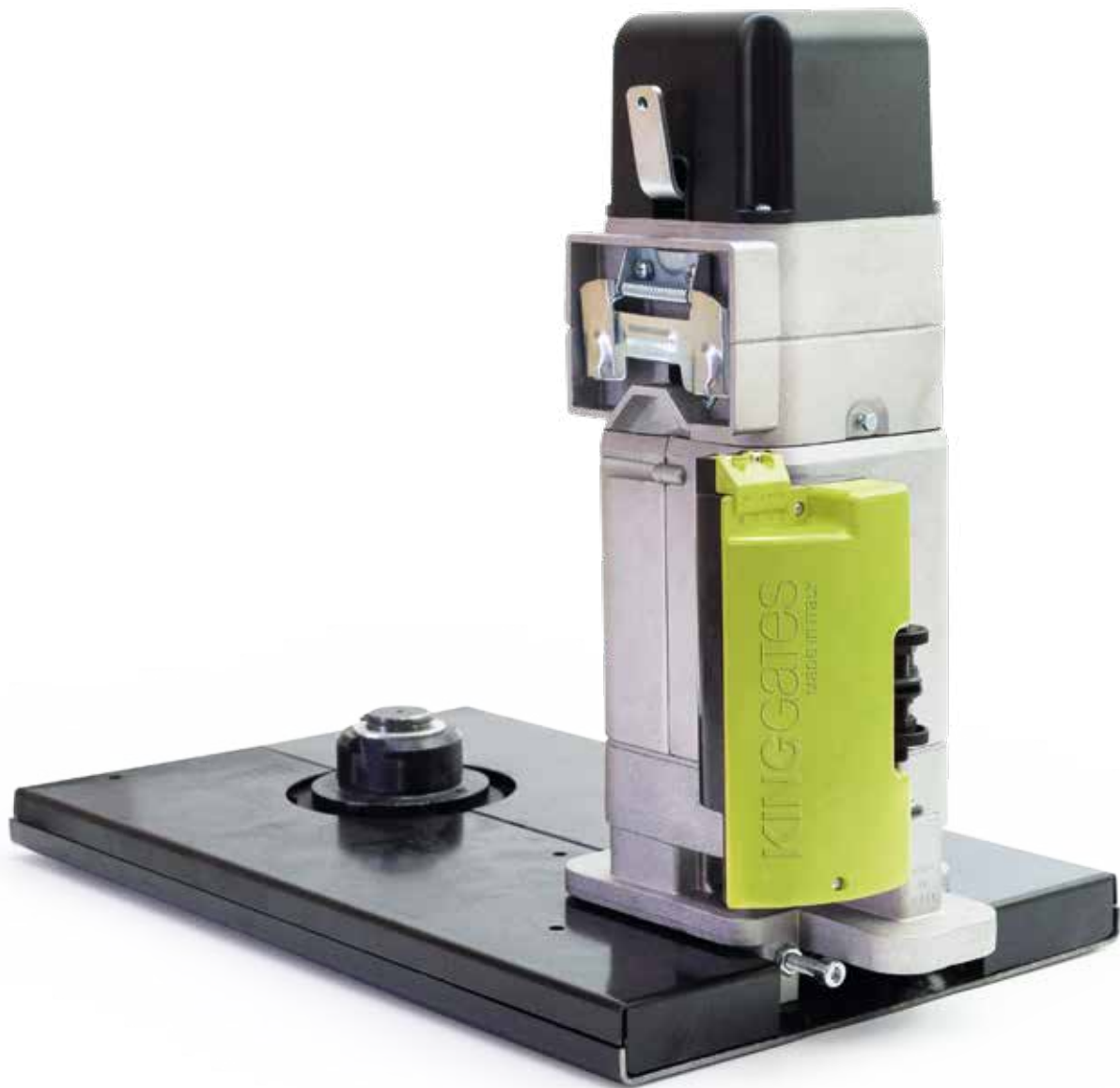
COD. 162654
Wall-mounted key selector
(plastic case)



**MOTOR TRANSMISSION
BRACKET FIXING
ACCESSORIES**

SHAFT / FLANGE KIT EUROPEAN DIMENSIONS IN mm	
CODE	TYPE
162639	Ø 101.1 x 2
162640	Ø 133 x 4
162641	Ø 159 x 4.5

SHAFT / FLANGE KIT ENGLISH DIMENSIONS IN INCHES	
CODE	TYPE
162651	Ø 4 inch
162652	Ø 5 inch
162653	Ø 6 inch



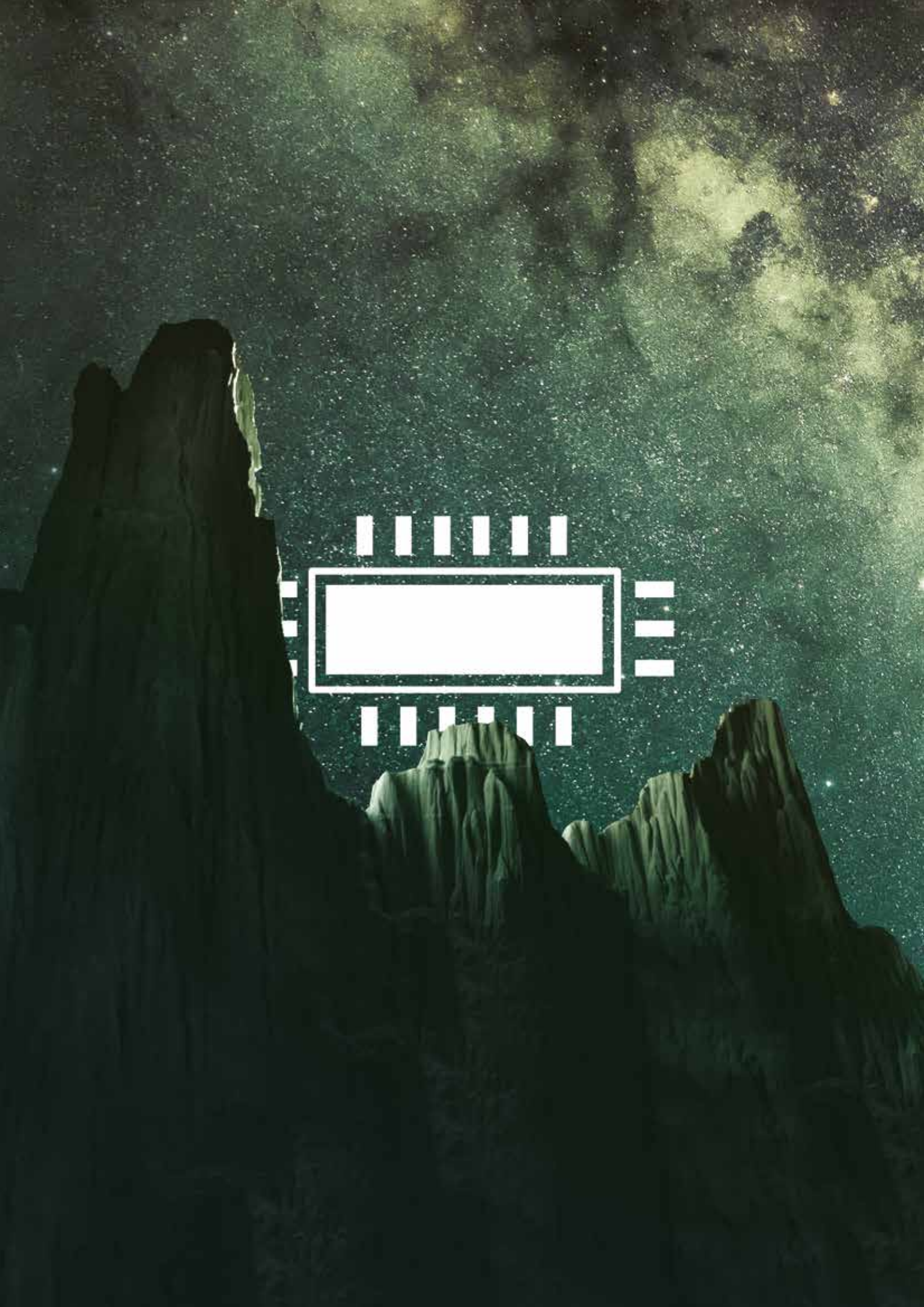
RING XL

Model	Code	Motor	Max lift
RINGXL	26S014	230 V - 50 Hz	600 kg

TECHNICAL DATA

Model	RINGXL	
Code	26S014	
Motor supply	(Vac)	230
Maximum power draw	(W)	600
Speed	(rpm)	4,6 (with 162637) / 9,3 (with 162648)
Torque max	(Nm)	412
Limit switch	(min)	6
Protection level	(IP)	20
Working temperature	(°C)	-20 ÷ +55
Weight	(kg)	13,4

Also available in 110 V / 60 Hz version



smart TRADITIONAL eLECTRONICS

STARG8

Electronics for one or two 24 Vdc and 230 Vac motors

1 control unit 24 Vdc and 1 control unit 230 Vac, for all gate motors.

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.

Practical regulation using trimmers, self-learning gate travel programming using a single method, diagnostic LEDs and dip-switches for setting operating modes.

Plastic cover with explanatory labels and spare fuses.

Management of slow-down options, speed regulation and obstacle control in all versions.

STANDARD FUNCTIONS

Open-Pause-Close mode
Step-Step mode
Automatic Closing
Pedestrian Opening
Fast closing
Slow opening
Slow closing
Safety device test
Gate status indicator light
Kick-back
Flashing light management
Opening phase safety device
Closing phase safety device
Programmable pause time
Speed setting *
Thrust force setting
Obstacle threshold regulation
Delay between doors regulation
Integrated radio receiver
Pedestrian control via radio and wired
Start/open/close controls via radio and wired
Wired stop control
Number of radio controls that can be memorized (integrated memory)
170

NEW FUNCTIONS

Simplified motor direction inversion
LED-based diagnostics
Backjump adjustment
Power supply voltage for customized electric lock *
Customizable auxiliary output for electric or magnetic lock
8k2 safety device input with customizable test inputs
Customization of wired inputs as "start/pedestrian" or "open/close"
Inhibition of wired inputs
Protection and blocking of control unit
Energy saving *
Auxiliary output controlled by radio remote
Set up for additional memory

FUNCTIONS THAT CAN BE ACTIVATED FROM A SMART PHONE

Standard functions
Programming of advanced functions
Installation check-up
Management of periodical maintenance
Upload and download the remotes database

READY FOR



1.



2.



3.



4.

1. TRIMMER + DIP-SWITCH
Programming using trimmers and dip-switch

2. 3 LED BUTTONS
Easy programming with 3 buttons and Led

3. SCREEN-PRINTED CONNECTORS
Screen-prints in correspondence with the unit and the removable connectors

4. FUSE BOX
Practical maintenance of the fuses without opening the control unit, spare fuses supplied

* only for STARG8 24



24 Vdc and 230 Vac CONTROL UNITS

Model	Code	Description
STARG8 24 BOX	12S046	Control unit for 24 Vdc motors, plastic box and 150 VA transformer included
STARG8 24 BOX XL	12S050	Control unit for 24 Vdc motors, plastic box and 250 VA toroidal transformer included
STARG8 AC BOX	12S054	Control unit for 230 Vac motors, plastic box and 40 VA transformer included

TECHNICAL DATA

Model	STARG8 24 BOX	STARG8 24 BOX XL	STARG8 AC BOX
Code	12S046	12S050	12S054
Mains power supply	230 Vac / 50 Hz*	230 Vac / 50 Hz*	230 Vac* / 50 Hz
Motor supply	24 Vdc (max peak per motor: 280 W)	24 Vdc (max peak per motor: 400 W)	230 Vac (max peak per motor: 400 W and 1,7 A)
Flashing light power supply	24 Vdc (max 15 W)	24 Vdc (max 15 W)	230 Vac (15 W)
Gate status indicator light	24 Vdc (max 10 W)		
Power supply for accessories	24 Vdc (max 10 W)		
Integrated radio receiver	433,92 MHz		
Aerial input	RG58		
Operating temperature	-20 ÷ +50 °C		

* also available in 110 V / 60 Hz version

COMMON ACCESSORIES



ELBOX33 - COD. 1712A4
ABS box with support
bracket for electronics



MEMO 2000 - COD. 161103
Radio memory module
for 1500 users



KINGKONNECT - COD. 161234
WiFi module to manage
STARG8 central units
from Smartphone



WI-CLAVIS - COD. 161235
WiFi module for managing
automations via Smartphone



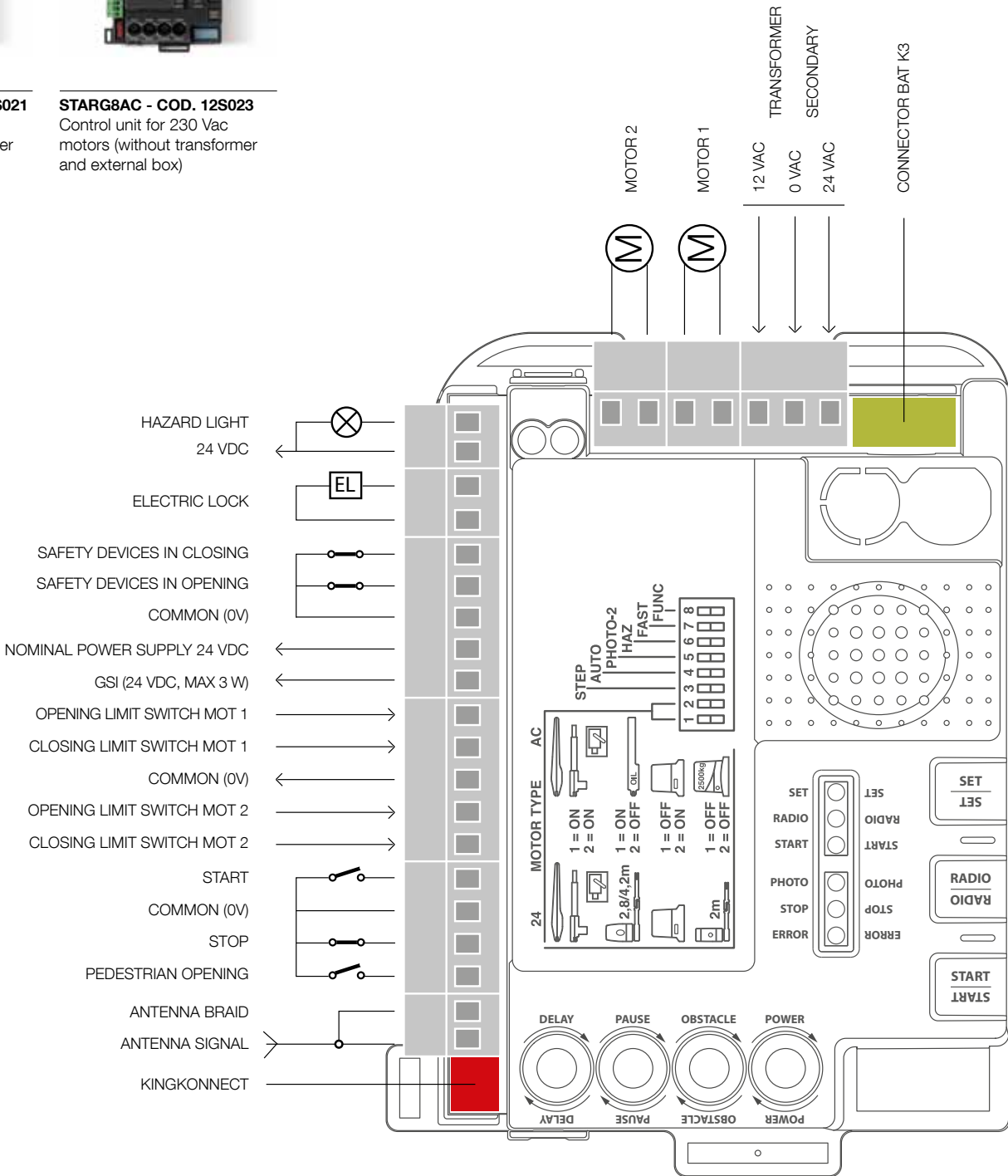
CLAVIS ACCESS - COD. 161251
<https://clavis.app/>



STARG824NG - COD. 12S021
Control unit for 24 Vdc
motors (without transformer
and external box)



STARG8AC - COD. 12S023
Control unit for 230 Vac
motors (without transformer
and external box)



For STARG8 24



BAT M016 - COD. 161237
24 V 1.6 Ah battery



BAT K3 - COD. 161232
Battery charge card
for BAT M016



TR 150-12/24 - COD. TRA060
Transformer 150 VA
for STARG8 24
(not for Minimodus
and Dynamos XL)

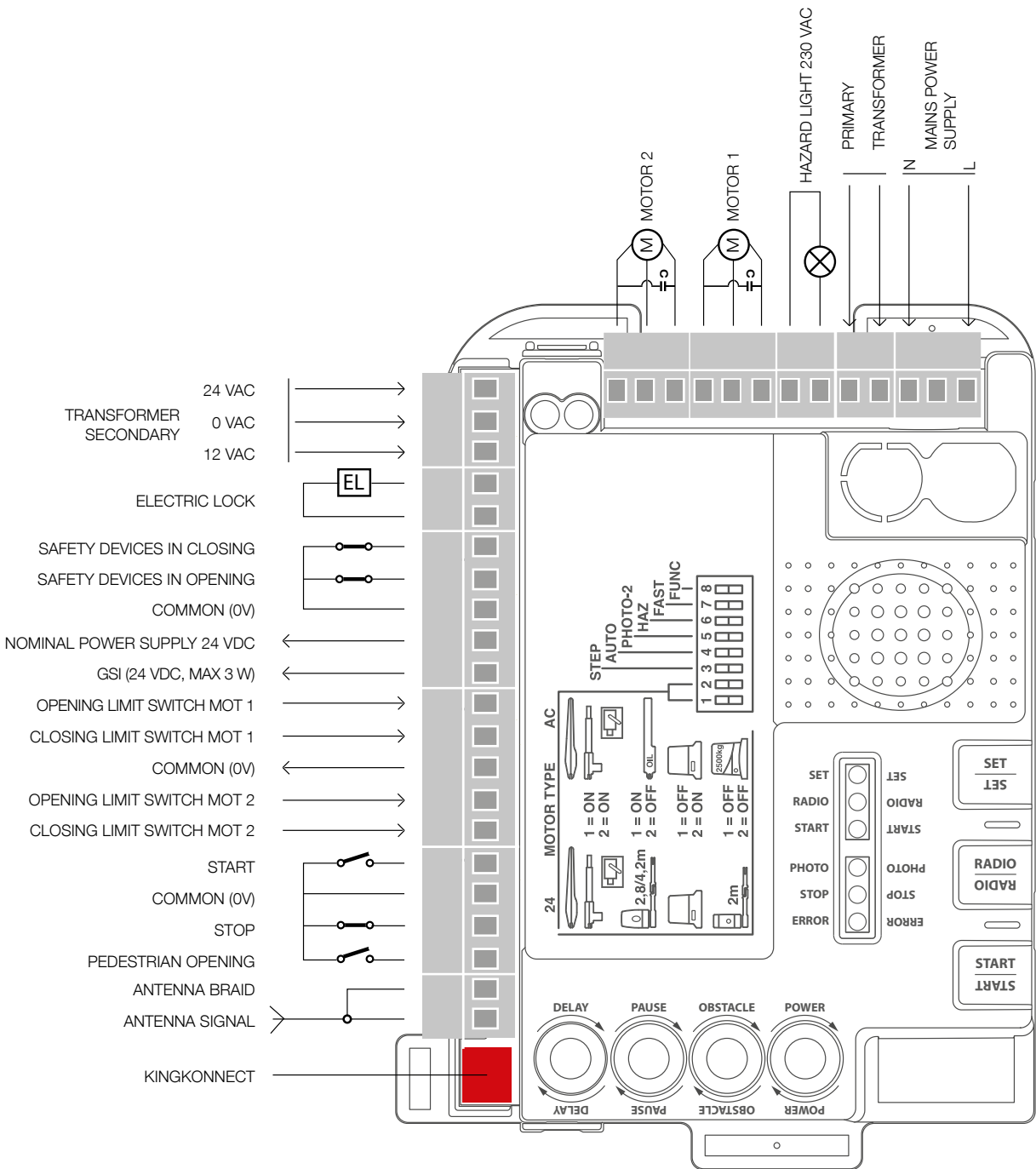


TR 40L - COD. TRA064
Lamellar transformer
40 VA for STARG8 AC
for swing gates



TR 250-24 - COD. TRA084
Toroidal transformer 250 VA
for STARG8 24
for Dynamos XL 1800 and
STARG8 24 BOX XL

For STARG8 AC





**PHOTOVOLTAIC
SOLAR
POWER KIT
GO GREEN**

Go Green

Photovoltaic solar power kit for 24 V power supply, with battery box.



CAN BE INSTALLED ANYWHERE

Go Green is the new photovoltaic solar power kit designed by KINGgates. It can supply all 24 Vdc products with STARG8 24 control unit with no need for mains power.

GO GREEN

Model	Code	Photovoltaic panel	Battery box
GOGREEN KIT	28S001	•	•

TECHNICAL DATA

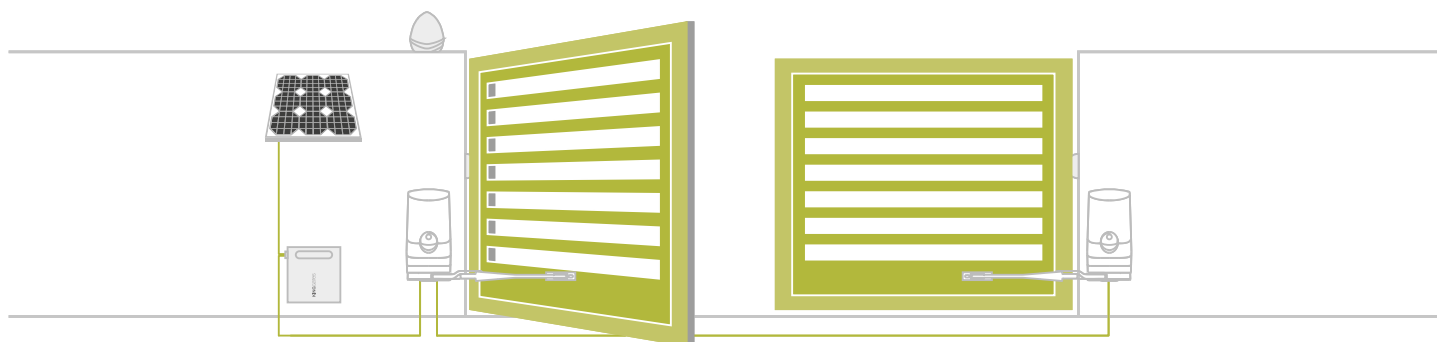
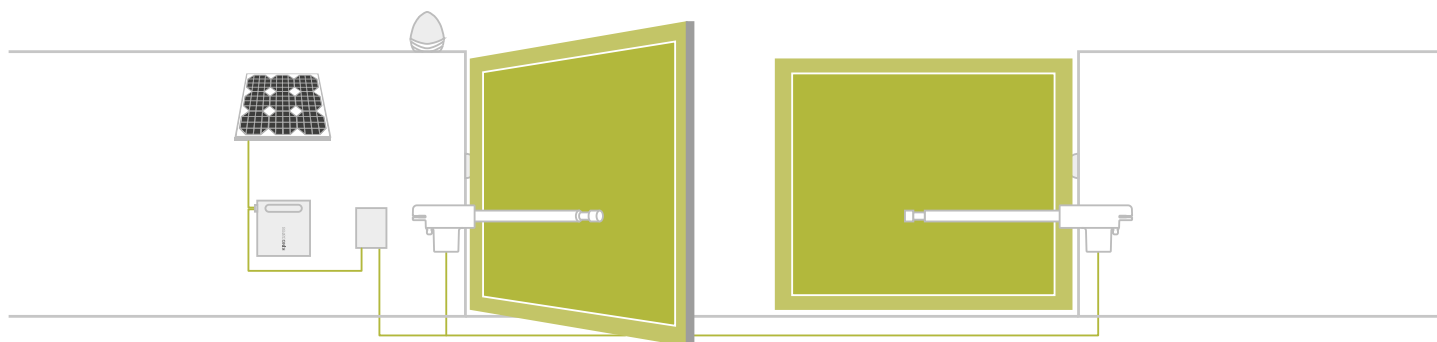
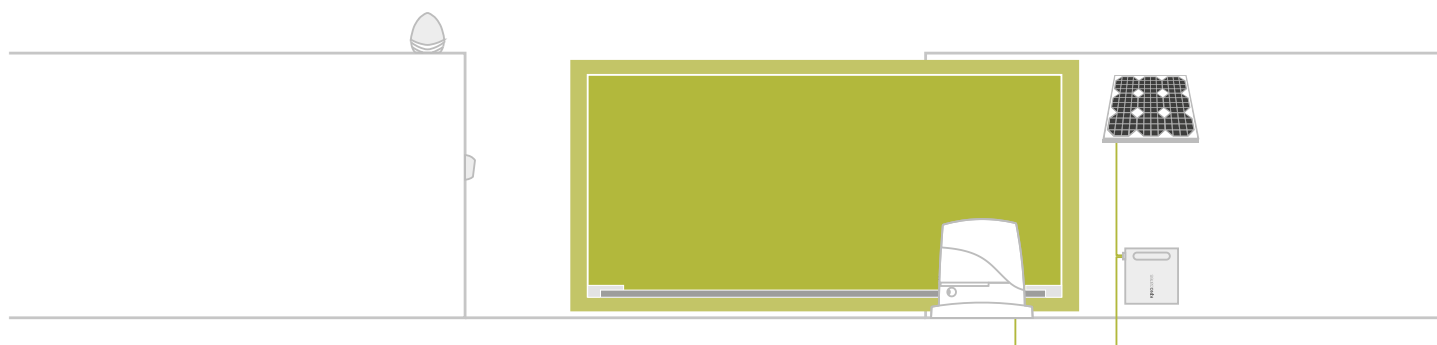
Code		BOX BATTERIA	PANNELLO	GOPOWER
Mains power supply	(Vac 50/60 Hz)	-	-	110 ÷ 240
Rated voltage	(Vdc)	24	-	-
Maximum current	(A)	10	-	-
Peak power	(Wp)	-	30	-
Maximum power	(W)	-	-	60
Rated battery capacity	(Ah)	20	-	-
Protection level	(IP)	44	-	-
Operating temperature	(°C)	-20 ÷ +50*	-40 ÷ +85	0 ÷ +40
Complete recharging time	(h)	~15**	-	-
Dimensions	(mm)	235x170x258	450x25x550	132x58x30
Weight	(kg)	14	3,5	0,345

* 0 ÷ +40 if recharged from the power mains with GOPOWER power supply unit.

** Using the power supply unit via the mains.

**GO POWER - COD. 172807**

PSU for recharging battery
from mains power supply

INSTALLATION DIAGRAM





accessories

Stylo 4K

Radiotransmitter Rolling code 433.92 MHz

Inspired by the automobile sector, Stylo 4K is a tough radio remote control with a high-impact appearance, thanks to its chromed metal structure.



STYLO 4K

Model	Code	Description
STYLO4K	10S001	Four-channel rolling code radio transmitter

TECHNICAL DATA

Model	Frequency	Range	Encoding	Power supply	Power input	Dimensions
Stylo 4 K	433,92 MHz	100 m	Rolling code	3 Vdc	10 mA	70x38x10 mm

Stylo 2K

Radiotransmitter Rolling code 433.92 MHz

Stylo 2K is a two-channel 433.92 MHz Rolling code radio remote control. The sophisticated all-black design with alternating glossy and matt surfaces make it an elegant innovative object.



STYLO 2K

Model	Code	Description
STYLO2K	10S002	Two-channel rolling code radio transmitter

TECHNICAL DATA

Model	Frequency	Range	Encoding	Power supply	Power input	Dimensions
Stylo 2 K	433,92 MHz	100 m	Rolling code	3 Vdc	10 mA	70x38x10 mm

Radiotransmitter with copy function Rolling code 433.92 MHz

Myo C4 is a four-channel 433.92 MHz radio remote control with copy function. This technology allows the majority of fixed code transmitters present on the market to be replaced with a quick easy procedure.

Myo guarantees maximum safety by using rolling codes technology when combined with KINGgates control units and Fred Myo2 outdoor receiver



MYO

Model	Code	Description
MYOC4BL	10S010	Four-channel radio transmitter with copy function

TECHNICAL DATA

Model	Frequency	Range	Encoding	Power supply	Power input	Dimensions
MYOC4BL	433,92 MHz	100 m	Fixed code / self learning	3 Vdc	10 mA	73x38x12 mm

Digy Pad

Back-lighted keypad Rolling code 433.92 MHz

Digy Pad is KINGgates's new numeric radio keyboard, that allows you to control up to 3 automations with its safe rolling code technology.

Perfect combination of aesthetic design and robustness: the metal protective structure ensures maximum anti-vandal protection and easy installation.

Digy Pad is programmed as simply as a remote control. It offers maximum security through its unique master code that can be modified or canceled only by the installer.

DIGY PAD guarantees high operating autonomy thanks to its sensor that activates the keyboard **back-light** only in low brightness. (estimated life: 2 years with an average of 10 transmissions per day in normal atmospheric conditions)



DIGI PAD

Model	Code	Description
DIGYPAD	10S062	Wall radiotransmitter 3 channels 433.92 MHz

TECHNICAL DATA

Model	Frequency	Range	Coding	Power supply	Battery	Dimensions	Protection level
DIGYPAD	433,92 MHz	100 m outside 20 m inside	Rolling code	3V	1 x CR2032	77x100x36	IP 54

Radio receivers 433.92 MHz

KINGgates produces a wide range of radio receivers:
fixed code, rolling code and with customisable output contacts.



FREDDY2



FRED3



ANS433

Model	Code	Description
FREDDY2	11S020	Miniaturized two-channel receiver, IP 54, 460 radio channels
FRED3	11S008	Miniaturized control unit for controlling loads 230Vac max 1000 W with built-in receiver and switch
ANS433	19A001	Aerial 433,92 MHz with cable

Wes

Radio control system for safety edges

The system consists of a base unit connected directly to the control unit and one or more sensors connected to the safety edges.
The base unit is powered from the control unit and constantly monitors the status of the sensors connected.
Up to a maximum of 8 sensors can be connected to each base unit.
Each sensor is able to control up to 2 traditional safety edges with N.C. contact or resistive safety edges (8,2kohm).
The system is compatible with any control unit.



Description	base	sensor
Model	WES-BASE	WES-SENSOR
Code	35B022	35B021
Power supply (Vac/dc)	12 / 24	2 x LR6/AA (1,5V-2600mAh)
Absorbed power (W)	0,75	-
Stand-by time	-	> 2 year
Outputs (relay switch)	2 safety edge alarms - 1 low battery warning - 1 global signal	-
Number of sensors	up to 8	-
Number of radio channels	16	-
Inputs	-	2 mechanical or resistive safety edges
Maximum range (m)	-	10
Working temperature (°C)	- 20 ÷ + 60	- 15 ÷ + 50
Protection degree (IP)	55	54
Dimensions (mm)	125 x 56 x 23	170,5 x 45 x 19,5

Key selector



Model	Code	Description
CLICK30	20A022	Key selector with pre-wired connectors

Idea

Flashing light with built-in aerial and LED

Available in orange and white and also with multi-voltage LED board and integrated flashing control electronics.

All versions have a 433.92 MHz tuned aerial protected in a resistant shockproof polycarbonate box. The new LED circuit board guarantees low energy consumption.

IDEALED-WR version with multivoltage technology that allows the flashing light to work with a wide power range (from 24V to 230V).



Idea



IdeaLED

IDEA

Model	Code	Power supply
IDEA230PLUS	14S008	230V ~ 50/60Hz - 15W
IDEALED-24VBP	14S034	22 ÷ 36V  / 15 ÷ 26V ~ 50/60Hz
IDEALED-WR	14S035	24 ÷ 300V  / 24 ÷ 230V ~ 50/60Hz

Outdoor photocells

Complete range of battery-powered relay photocells with beam angle adjustment.



Model	Code	Description
VIKY30	13S002	Pair of outdoor photocells
FOT30	13C014	Pair of photocells adjustable through 30°
FOT180	13C015	Pair of photocells adjustable through 180°
FOT180BAT	13S010	Pair of photocells adjustable through 180° with batteries

TECHNICAL DATA

Model	Supply	Consumption	Range	Working temperature
VIKY30	12 * ÷ 24 Vac-Vdc	50 mA (TX+RX)	30 m Standard	-20 ÷ +55 (°C)
FOT30	12 ÷ 24 Vac / 12 ÷ 36 Vdc	50 mA (TX+RX)	25 m Standard	-20 ÷ +60 (°C)
FOT180	12 ÷ 24 Vac / 12 ÷ 36 Vdc	35 mA (TX+RX)	20 m Standard	-20 ÷ +60 (°C)
FOT180BAT	12 ÷ 24 Vac-Vdc (RX) Batteria 3 V (TX)	35 mA (RX) 25 mA (TX)	20 m Standard	-20 ÷ +55 (°C)

* by doing an inside bridge

ACCESSORIES

Model	Code	Description
SUPER100	161312	Plastic bracket for Viky 30

POSTS

Model	Code	Description
TOWER500	161315	Column for 1 photocell Viky 30, height 500 mm (2 pcs./package)
TOWER1000	161313	Column for 2 photocells Viky 30, height 1000 mm (2 pcs./package)

Touch-cmm

Mechanical safety edges



Model	Code	Length
TOUCH-CMM 150	162301	1,5 m
TOUCH-CMM 170	162302	1,7 m
TOUCH-CMM 200	162303	2 m

Touch-r

Resistive safety edges



TOUCH-RL



TOUCH-RH

Model	Code	Description
TOUCH-RLA02	35B003	Aluminium strip - length 2 m
TOUCH-RLA03	35B004	Aluminium strip - length 3 m
TOUCH-RLG25	35B027	Rubber strip - length 25 m (height 30 mm - width 25 mm)
TOUCH-RLTC	35B028	End plug with cable
TOUCH-RLTR	35B029	End plug with resistance
TOUCH-RHA02	35B011	Aluminium strip - length 2 m
TOUCH-RHA03	35B012	Aluminium strip - length 3 m
TOUCH-RHG25	35B036	Rubber strip - length 30 m (height 55 mm - width 35 mm)
TOUCH-RHTC	35B031	End plug with cable
TOUCH-RHTR	35B032	End plug with resistance

NOTES

A series of horizontal dotted lines spanning the width of the page, intended as a guide for handwriting practice.

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