

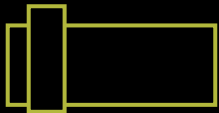
KINGGates

QUALITY
IS OUR FAMILY
FEELING

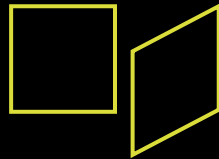
Catalogue 2018

Made in Italy





**automation
FOR SECTIONAL
AND OVERHEAD
GARAGE DOORS**
18 Dynamos
22 Dynamos XL



**automation
FOR SWING
GATES**
28 Jet
32 Jet XL
36 Couper 24
40 Linear
44 Modus
48 Minimodus
52 Intro



**ROAD BARRIERS
automation**
58 Open



**automation
FOR SECTIONAL
AND OVERHEAD**
64 Rolls
68 Book
72 Elevo



**automation
FOR ROLLING
SHUTTERS**
76 Ring

**SMART
TRADITIONAL
ELECTRONICS**
78

**RADIO-
CONTROLS
AND
RECEIVERS**
90

**WIRED
CONTROL
DEVICES**
97

PHOTOCELLS
98

**FLASHING
LIGHT**
100

**SAFETY
DEVICES**
102

**QUALITY
IS OUR FAMILY
FEELING**



KINGgates is a dynamic company that keeps up with ever-changing market demands.

Supported by a network of partners in over 50 different countries, KINGgates is able to fully satisfy any commercial and technical requests from customers or installers thanks to its concept of user-friendly, durable and reliable products.

ALL MANUFACTURING AND POST-MANUFACTURING STAGES ARE CHARACTERISED BY A FOCUS ON QUALITY

Materials are selected in order to guarantee high performance. These include bronze, high strength steel and high quality techno polymers for certain particularly robust and silent gears.

Sober and elegant forms that express robustness, power and dynamism.

SAFE AND DURABLE PRODUCTS THAT MAKE USE OF TECHNOLOGIES TO GUARANTEE HIGH PERFORMANCE AND EASY INSTALLATION

KINGgates has patented various different technologies for controlling and programming its automated devices. These new solutions make our automatic devices even more reliable and innovative.

KINGgates products are designed according to the principles of concurrent design, optimising performance and quality. Products designed to provide intuitive installation and simple and safe operation.

COMPONENT AND FINISHED PRODUCT CHECKS TO GUARANTEE HIGH QUALITY STANDARDS

Before being released onto the market, each product is subjected to strict checks and wear tests designed to ensure reliability, robustness and compliance with European Standards.

KINGSPECIALIST, INNOVATION AT THE SERVICE OF INSTALLERS

Become part of the KING family

- full range of products for all your needs
- shared electronic systems for easy installation and operations
- quality, reliability and robust design: the best calling card for your customers
- Go Green solar power kit, compatible with all 24 Vdc installations
- KINGspecialist App: easy installation and even higher performance

ever GROWING WITH THE KING apps



Innovation for installers and end users

KINGgates' commitment is proven through several innovations to support the installer and facilitate the end user.



CLAVIS APP FOR THE END USER

CLAVIS App allows you to manage your automations directly from your smartphone.

KINGSPECIALIST APP FOR INSTALLERS

The KINGspecialist app allows you to complete all installation setup phases directly from your smartphone or tablet.

KING SPECIALIST PROGRAM

KINGspecialist is a programme available only to installers: KINGgates quality in the form of a service. Installer-friendly innovations and continuous updates to keep growing together.

FOLLOW KINGGATES ONLINE

Visit www.king-gates.com Subscribe to our newsletter to stay updated on the latest news, browse the Download section to access the technical files and manuals, request access to the Reserved Area to consult the exploded drawings and marketing materials.



KING COLLECTION

The complete range of products includes automatic devices with 230 Vac and 24 Vdc motors for sliding and swing gates, road barriers, sectional and overhead doors and shutters.

automation FOR SLIDING GATES



DYNAMOS

Up to 400 kg,
600 kg and 1000 kg



DYNAMOS XL

Up to 1800 kg
and 2500 kg

automation FOR SWING GATES



JET

Leaves up to 3 m
600 kg



JET XL

Leaves up to 6 m
750 kg



COUPER 24

Leaves up to 2 m
400 kg

automation FOR SWING GATES



LINEAR

Leaves up to 3 m or 4.5 m
300 kg

automation FOR SECTIONAL AND OVERHEAD DOORS



ROLLS

For sectional doors
up to 23 m²
and overhead doors
up to 14 m²



BOOK

For sectional doors up to 16 m²
and overhead doors up to 11 m²



ELEVO

For sectional doors up to 10 m²
and overhead doors up to 8,5 m²

automation FOR ROLLING SHUTTERS



RING

For rolling shutters
up to 180 kg

RADIO



STYLO

Radiotransmitter,
4 channels



MYO

Radiotransmitter,
4 channels,
with copy function



DIGY PAD

Numeric radio keyboard,
3 channels with back-light



NOVO DIGY

Numeric radio keypad,
4 channels

KEY SWITCHES



NOVO CLICK

Key switch

KNEW!



MODUS

Leaves up to 4.2 m
500 kg



MINIMODUS

Leaves up to 2 m
250 kg



INTRO

Leaves up to 4 m
650 kg

**ROAD BARRIERS
AUTOMATION**



OPEN

With bars up to 4 m
and 6 m long

**CONTROL
UNITS**



STARG8

Electronics
for 1 or 2 motors,
24 Vdc and 230 Vac



KINGKONNECT

WiFi module to manage
STARG8 control units
from your Smartphone

KNEW!



WI-CLAVIS

WiFi module for managing
automations via Smartphone

**KIT SOLAR
POWER**



GOGREEN

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

PHOTOCELLS



NOVO PH

Rotating photocells
with metal protection



VIKY

Pair of outdoor
photocells

**FLASHING
LIGHTS**



IDEA

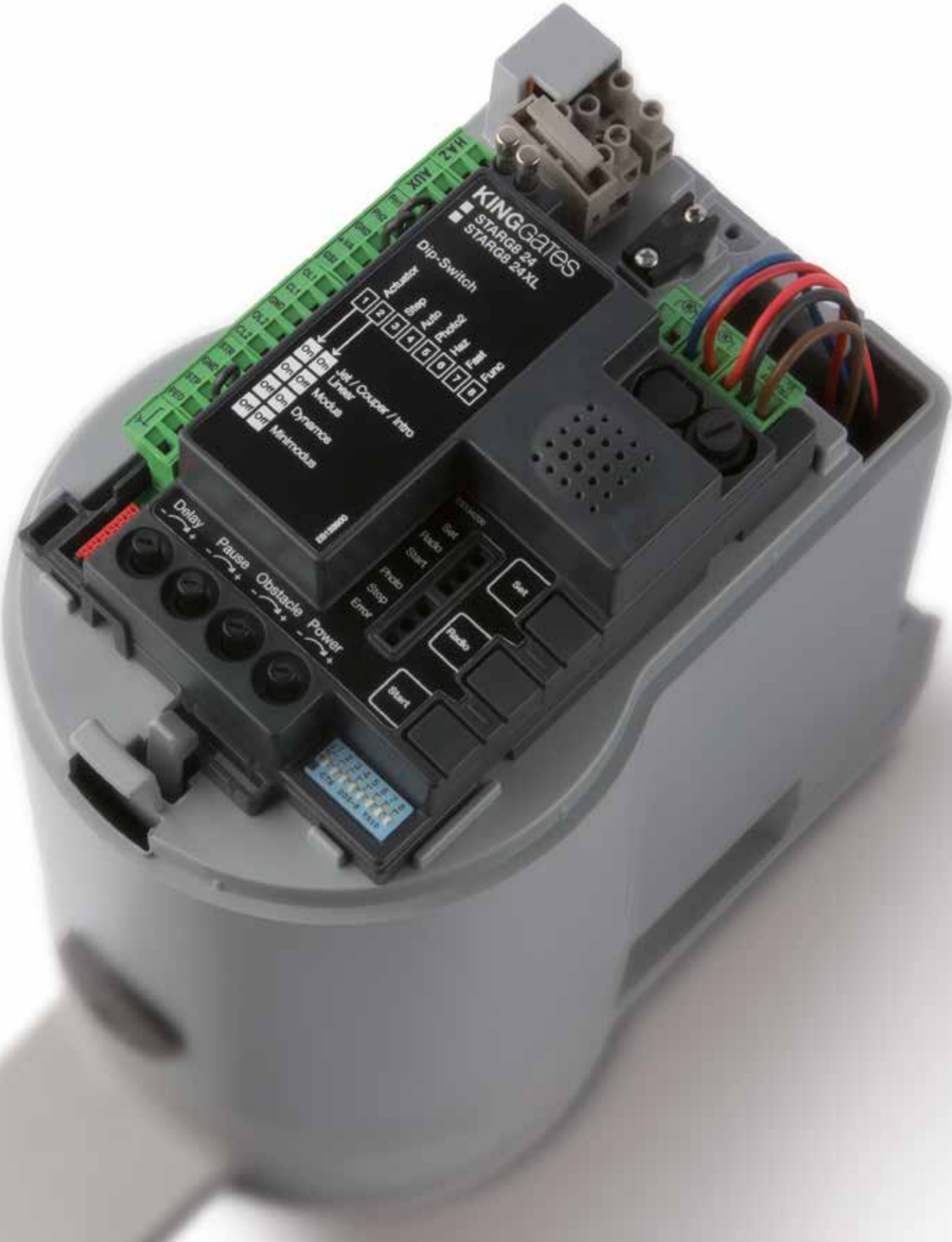
Flashing light
with integrated aerial



NOVO LED PLUS

LED wall-mounted flashing light
with integrated antenna

KING smART TRADITIONAL



KINGgates automatic devices are characterised by a common electronic system, with similar functions, connections and adjustments.

Easy and intuitive approach to wiring and programming for the installer with quick and easy maintenance.



**BECOME
KINGSPECIALIST**

Thanks to the **wifi module KINGCONNECT**, which can be coupled to STARG8 control units, every professional can now manage all the functions offered by the KING Smart Traditional electronic device simply and intuitively.

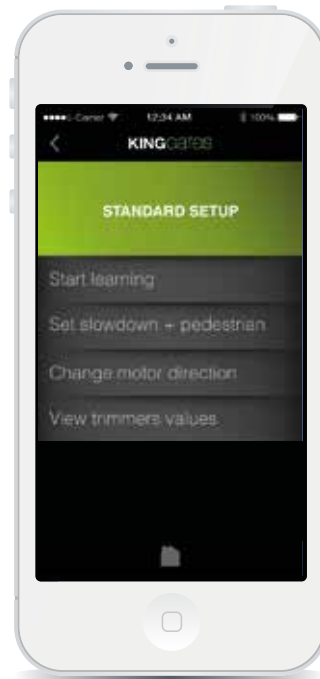
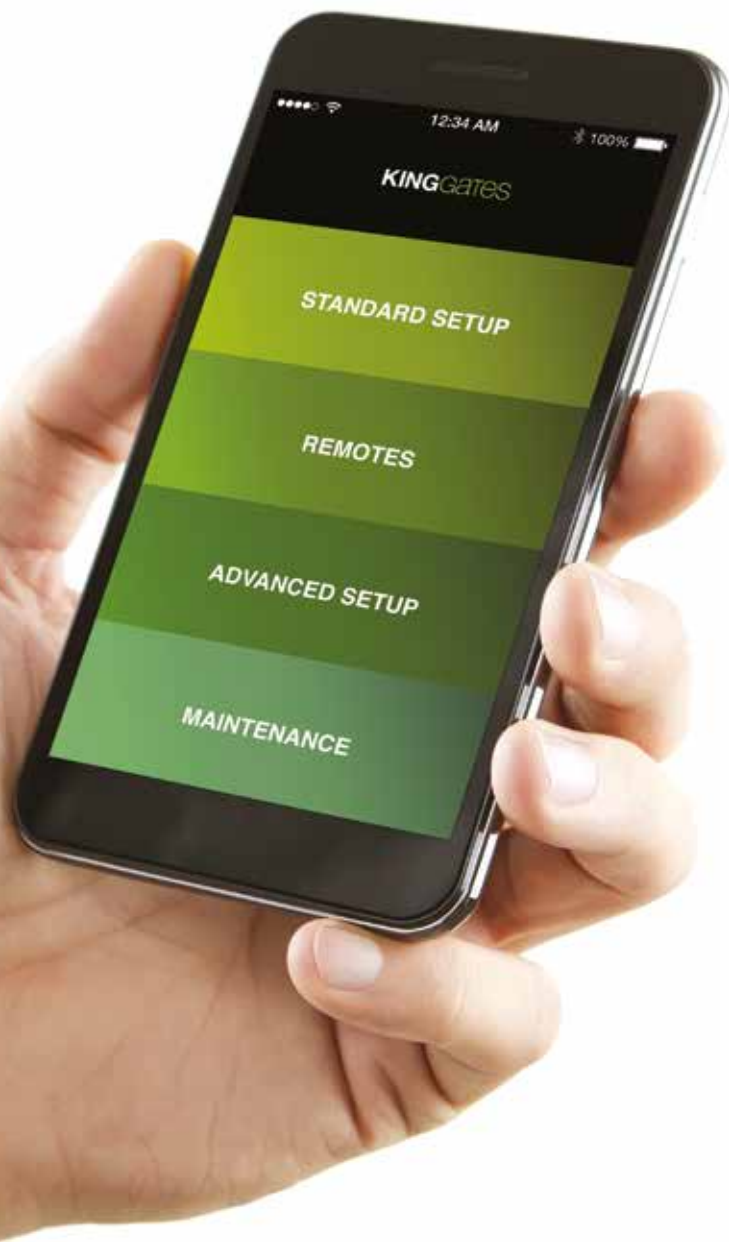
The app also introduces new functions, such as scheduling of periodical system maintenance, central unit check-ups and remote control management.

APP KING SPECIALIST



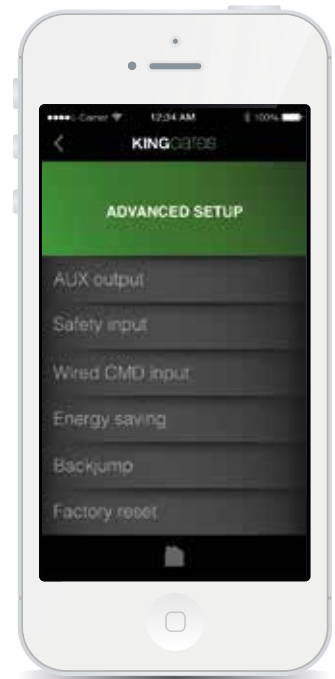
THE APP FOR INSTALLERS

The KINGspecialist app allows you to complete all installation setup phases directly from your smart phone or tablet.



STANDARD SET UP

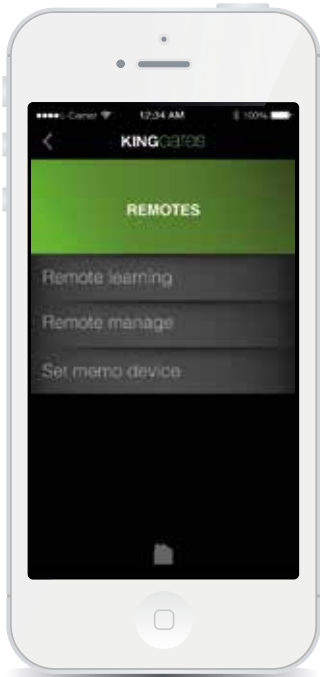
- Quick, easy and precise setup of all control boards with your Smartphone
- Automatic gate travel learning, slowdown intervals setting, both on opening and closing, motor direction setting, digital trimmer setting display, dip switch and pin out setting instruction



ADVANCED SET UP

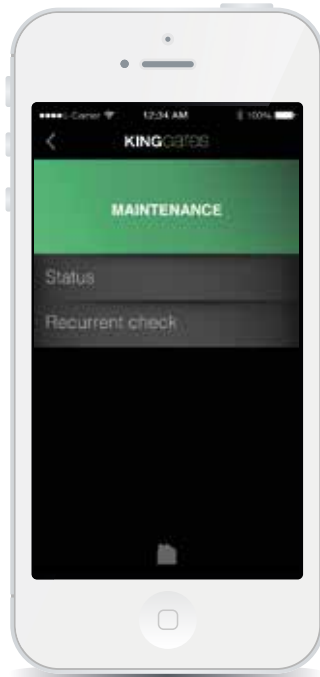
- Programming of advanced functions
- AUX, HAZ and GSI outputs setup
- Photocells and phototest input setting
- Wired command input
- Slowdown setting
- Energy saving mode
- Backjump adjustment
- Factory reset





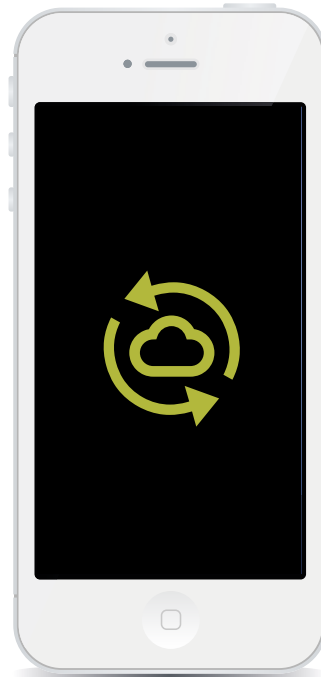
**REMOTE CONTROLS
LEARNING**

- Easy and quick remote learning
- Remote copy
- Set up for additional memory with MEMO 2000
- Upload and download the remotes database



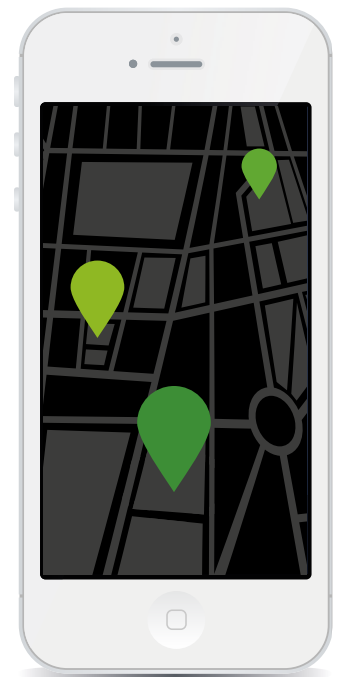
MAINTENANCE

The APP allows you to check the state of operation, manage the maintenance cycles and program maintenance notifications via pre-flashing.



**AUTOMATIC
BACK UP**

Automatic back up for all installations done through the App KINGspecialist and KINGCONNECT. Every time you access the KINGspecialist APP, the back up is saved automatically in the installer's cloud.



**PERSONAL ACCOUNT
ON KINGGATES CLOUD**

With his login and password, the installer can access his personal database, program periodical maintenance and, in case of malfunction, restore to factory setting and configure the spare control board from the office.

CLAVIS

OUR NEW APP FOR
END-USERS

CLAVIS

To control your automation remotely



CONTROL management

Remotely control multiple installations by checking the gate status at any time and managing opening / closing with just one click



access management PRIORITY O TEMPORARY

You can customize the criteria and access times for each individual user

mean FEATURES

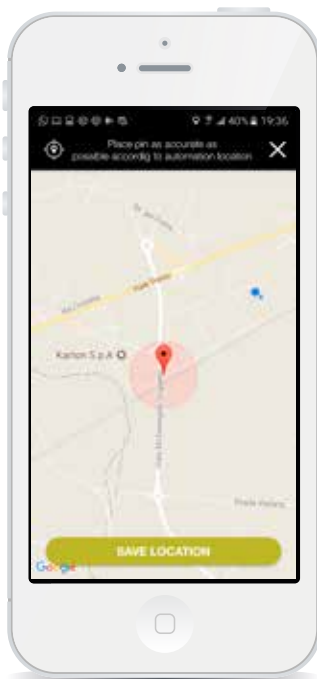
- Gate opening and closing.
- Check the automation status (open / closed).
- Access control
- Geolocation via GPS of your smartphone





access CONTROL (LOGS)

You can monitor the use of your gate automation.



GEOLOCALIZATION

You can manage your gate opening in 3 different modes (automatic, semiautomatic, manual) as soon as you enter a predefined area around the automation.



EASY TO USE

Practical and fast, through the use of QR codes, for the addition of new users and / or new installations.



WI-CLAVIS

Enable to "network connect" your automation, thanks to the WIFI module, which can be plugged into any STARG8 control panels.



automation
FOR SLIDING GATES
DYNAMOS
DYNAMOS XL

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 roller housings. The internal gear has involute teeth. This special construction allows maximum contact between the worm screw and the gear. The tooth wraps around the screw whereas in traditional construction the parts in contact add up to just a few millimetres. **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.**

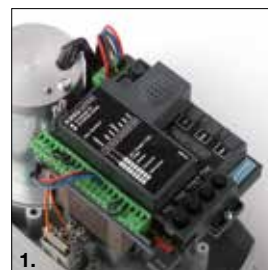
DYNAMOS TWIN

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.

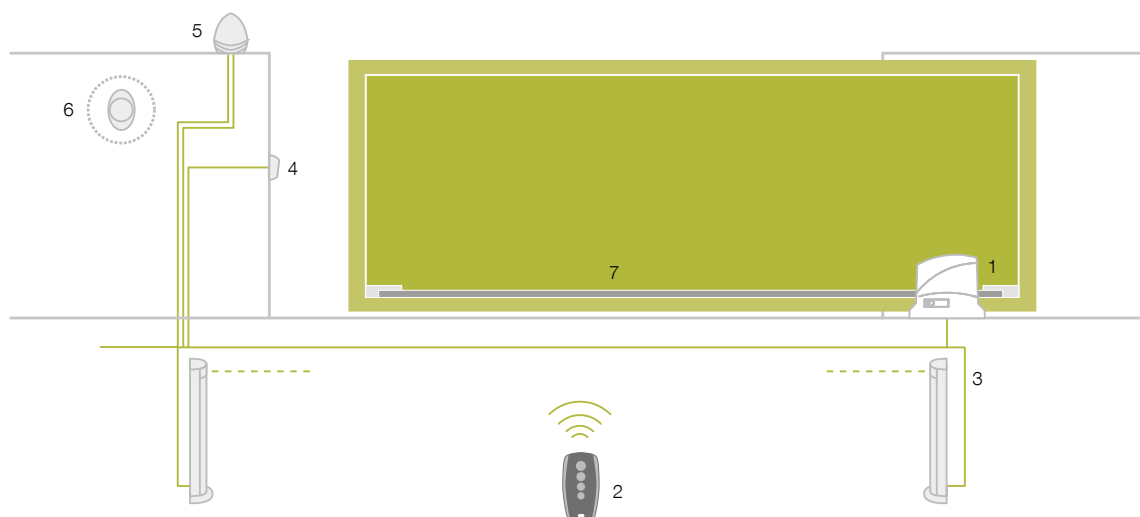


3.

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

Code		DYN24/400	DYN24/600F	DYN24/1000	DYN230/500	DYN230/1000
Mains power supply	(Vac 50 Hz)	230				
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc			230 Vac	
Maximum power draw	(W)	250	375	400	300	400
Speed	(m/s)	0,34	0,34	0,25	0,17	
Force max	(N)	400	600	850	450	850
Working cycle	(%)	90		80	30	
Protection level	(IP)	44				
Operating temperature	(°C)	-20 ÷ +55				
Weight	(kg)	9	11		10	12
Operator dimensions	(mm)	325x185x274 h				

Also available in 110 V / 60 Hz version

DYNAMOS

Codice	Motore	Scheda elettronica	Pignone	Ricevitore radio	Kit fissaggio	Peso max. anta
Dynamos 500	230 Vac	STARG8 AC	Z17 - M4	•	•	500 kg
Dynamos 1000	230 Vac	STARG8 AC	Z17 - M4	•	•	1000 kg
Dynamos 24/400	24 Vdc	STARG8 24	Z15 -M4	•	•	400 kg
Dynamos 24/600F	24 Vdc	STARG8 24	Z15 -M4	•	•	600 kg
Dynamos 24/1000	24 Vdc	STARG8 24	Z17 - M4	•	•	1000 kg

DYNAMOS TWIN

Code	Motor	Control unit	Motor with control unit STARG8	Motor without control unit	Gate max weight
Dy Twin 500	Dynamos 500	STARG8 AC	•	•	500 kg
Dy Twin 1000	Dynamos 1000	STARG8 AC	•	•	1000 kg
DY TWIN 24/600	Dynamos 24/600F	STARG8 24	•	•	600 kg
DY TWIN 24/1000	Dynamos 24/1000	STARG8 24	•	•	1000 kg

DYNAMOS KIT

Code	DYNAMOS 500	DYNAMOS 1000	DYNAMOS 24/400	DYNAMOS 24/600F	DYNAMOS 24/1000	STYLO 4K	IDEA PLUS	NOVO LED PLUS	VIKY 30	NOVO PH 180	TAB	Gate max weight
Dy Kit 230/500	•					• (2)	•		•		•	500 kg
Dy Kit 230/500 LT	•					• (1)			•			500 kg
Dy Kit 24/400			•			• (2)	•		•		•	400 kg
Dy Kit 24/400 LT			•			• (1)			•			400 kg
Dy Kit 24/600				•		• (2)	•		•		•	600 kg
Dy Kit 24/600 LT				•		• (1)			•			600 kg
Dy Kit 24/400 NV			•			• (2)		•		•	•	400 kg
Dy Kit 24/600 NV				•		• (2)		•		•	•	600 kg
Dy Kit 230/1000		•				• (2)	•		•		•	1000 kg
Dy Kit 230/1000 LT		•				• (1)			•			1000 kg
Dy Kit 24/1000					•	• (2)	•		•		•	1000 kg
Dy Kit 24/1000 LT					•	• (1)			•			1000 kg

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



DYNAMOS



STYLO 4K



IDEA PLUS



VIKY 30



TAB



NOVO LED PLUS



NOVO PH 180





CRIS 100
Nylon rack with metal inserts.
28x20x1000 mm, M4
(10pcs / pack)



CRIS 200
Rack in galvanized steel
with screws and spacers.
30x12x1000 mm, M4
(10pcs / pack)



CRIS 400
Rack in galvanized
steel. 22x22x1000 mm
to be welded, M4
(10pcs / pack)



PDY 100
Foundation plate for ground
level mounting



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card
for BAT M016



IND 100
Inductive limit switch



STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

Dynamos XL

Automation for sliding gates up to 2500 kg

QUICK AND ROBUST

Dynamos XL in 24 Vdc and 230 Vac versions: 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.

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. BUILT-IN CONTROL UNIT

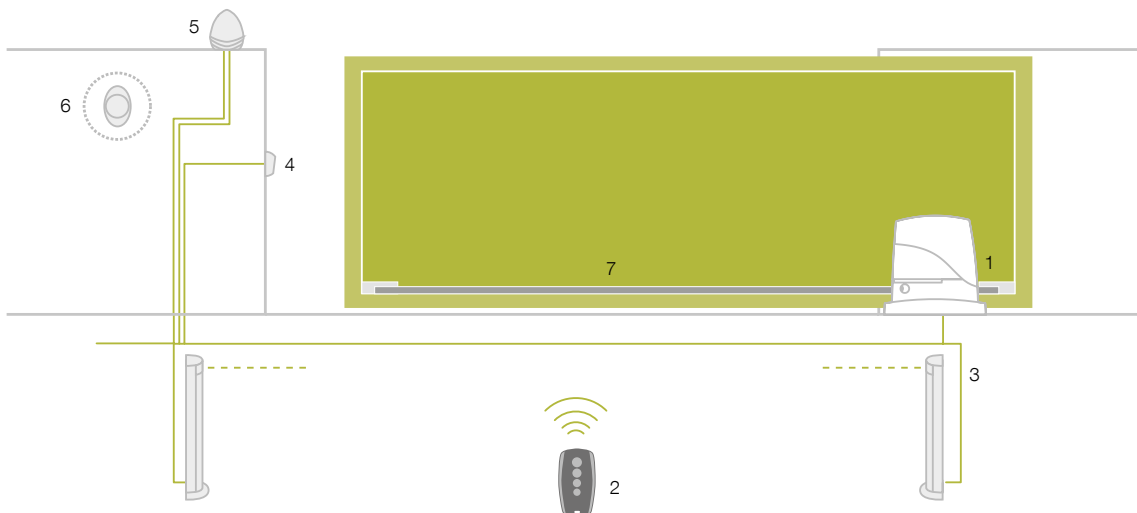
The new STARG8 control unit, with built in receiver, guarantees the highest performance

2. EASY AND STRONG RELEASE

Release lever with customised key

3. STURDY FRAME

The high thickness of the die-cast aluminium frame are ideal for an intensive use



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



Built-in Smart Traditional electronics



Key release system

Sturdy die-cast aluminium frame

TECHNICAL DATA

Code		DYNAMOS XL 1800	DYNAMOS XL 2500
Mains power supply	(Vac 50 Hz)	230	
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc	230 Vac
Maximum power draw	(W)	400	870
Speed	(m/s)	0.28	0.17
Force max	(N)	1120	1390
Working cycle	(%)	90	70
Protection level	(IP)	44	
Operating temperature	(°C)	-20 ÷ +55	
Automation weight	(kg)	18	23.5
Operator dimensions	(mm)	400x255x390 h	

Also available in 110 V / 60 Hz version

DYNAMOS XL

Code	Motor	Control unit	Pinion	Radio receiver	Fixing kit	Gate max weight
Dynamos XL 2500	230 Vac	STARG8 AC	Z18 - M4	•	•	2500 kg
Dynamos XL 1800	24 Vdc	STARG8 24 XL	Z18 - M4	•	•	1800 kg

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





CRIS 200
Rack in galvanized steel with screws and spacers. 30x12x1000 mm



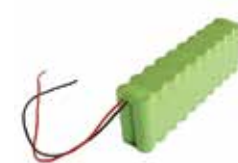
CRIS 400
Rack in galvanized steel. 22x22x1000 mm to be welded



CRIS 600
M6 rack, 30x30x1000 mm, zinc coated, to be coupled with M600



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



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card for BAT M016



IND 100
Inductive limit switch



STARG8 24 XL
Spare control unit 24 Vdc for Dynamos XL 1800



STARG8 AC
230 Vac spare control unit



TAB
Signboard



**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.

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 steel and bronze ensures 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

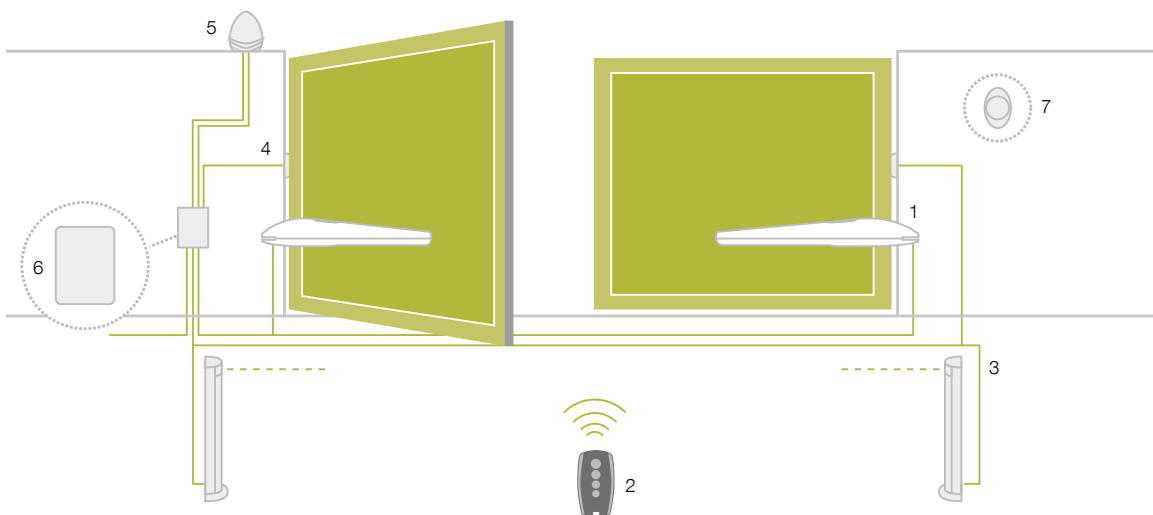
It simplifies installation and maintenance operations

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

Code		JET 230 F	JET 24
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	

JET

Code	Motor	Mechanical stop	Fixing kit	Protective brushes	Wing max dimensions
Jet 230 F	230 Vac	• (1)	•		3 m - 600 kg
Jet 24	24 Vdc	• (1)	•		3 m - 600 kg
Jet 230 F TOP	230 Vac	• (2)	•	•	3 m - 600 kg
Jet 24 TOP	24 Vdc	• (2)	•	•	3 m - 600 kg

JET KIT

Code	JET 230	JET 24	STARG8 AC BOX	STARG8 24 BOX	STYLO 4K	IDEA PLUS	VIKY 30	NOVO LED PLUS	NOVO PH 180	TAB	Wing max dimensions
Jet Kit 230	• (2)		•		• (2)	•	•			•	3 m - 600 kg
Jet Kit 230 LT	• (2)		•		• (1)		•				3 m - 600 kg
Jet Kit 24		• (2)		•	• (2)	•	•			•	3 m - 600 kg
Jet Kit 24 LT		• (2)		•	• (1)		•				3 m - 600 kg
Jet Kit 24 NV		• (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 PLUS



VIKY 30



TAB



NOVO LT 24 PLUS



NOVO PH 180





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



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



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



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



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



BK 02 TOP
Mechanical limit switch
for Jet Top (2 pcs./package)



LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card
for BAT M016



STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

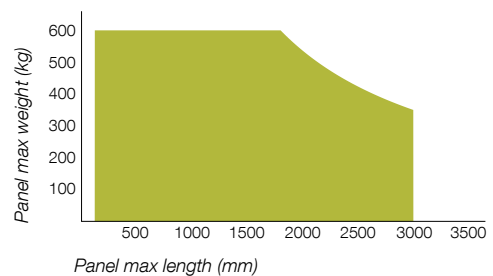
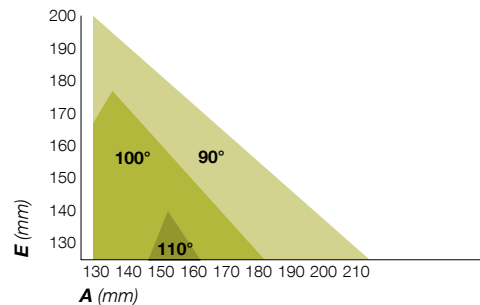
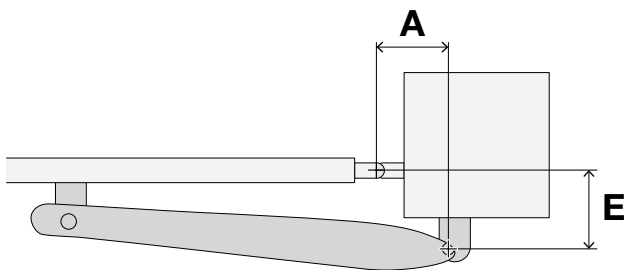


STP 200
Screw-adjustable
rear bracket (2 pcs./package)



STA 200
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.

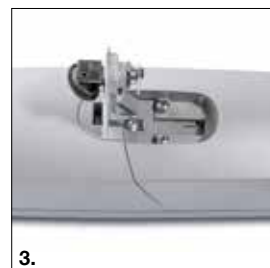
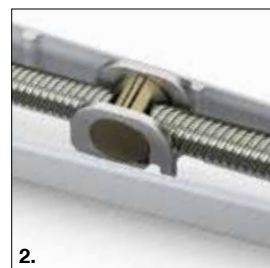
The rear fastening system with tilting forks is a simple solution that helps alignment, compensating errors up to $\pm 5^\circ$.

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.

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 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

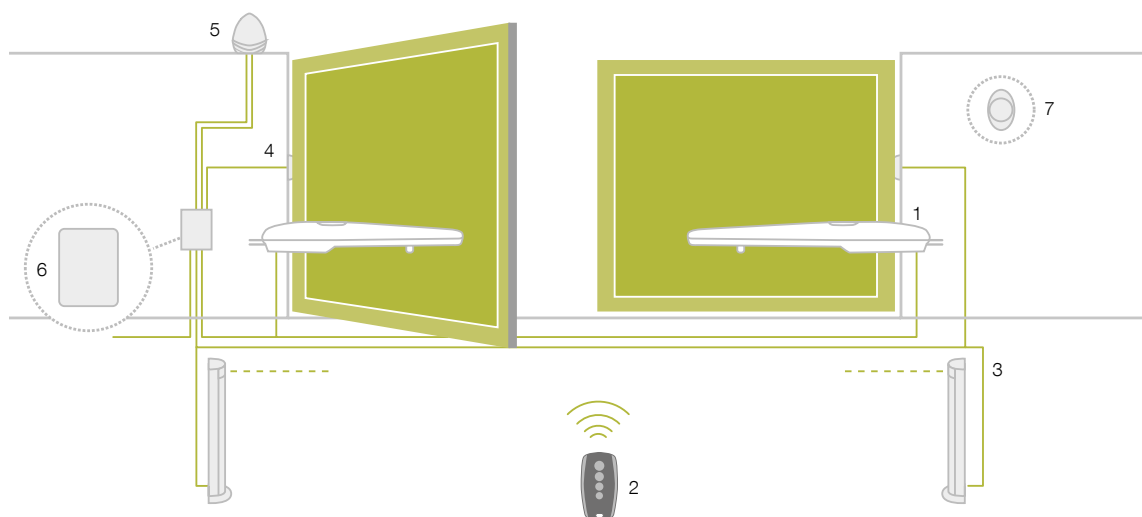
Is made of die cast aluminium with personalized key

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

Code		JETXL230	JETXL24
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)	1030x115xh110 h	

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

JET XL

Code	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

Code	JET XL 230	JET XL 24	STARG8 AC BOX	STARG8 24 BOX XL	STYLO 4K	IDEA PLUS	VIKY 30	TAB	Wing max dimensions
Jet XL 230 K	• (2)		•		• (2)	•	•	•	6 m - 750 kg
Jet XL 230 K LT	• (2)		•		• (1)		•		6 m - 750 kg
Jet XL 24 K		• (2)		•	• (2)	•	•	•	6 m - 750 kg
Jet XL 24 K LT		• (2)		•	• (1)		•		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 PLUS



VIKY 30



TAB



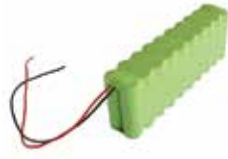
ACCESSORIES



LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card
for BAT M016



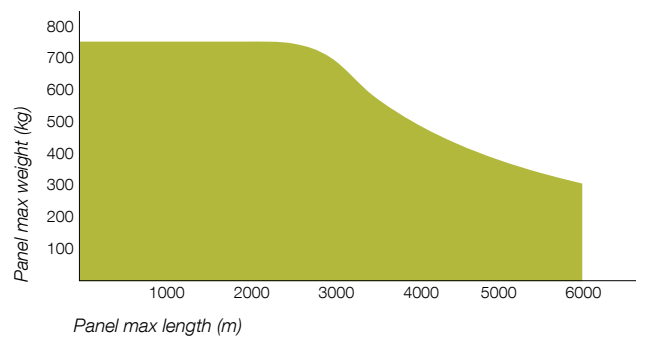
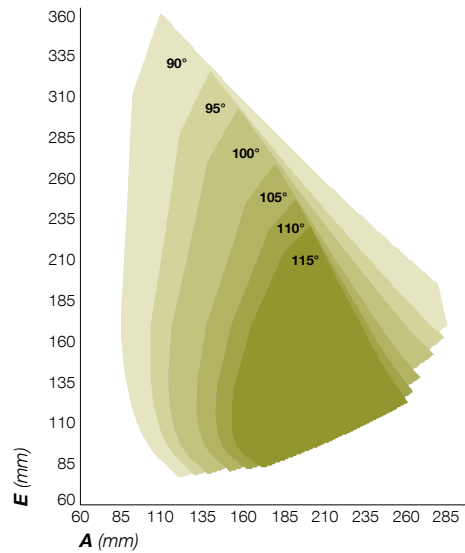
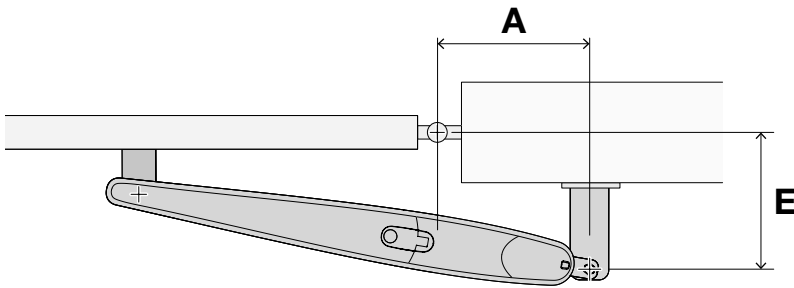
STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

KGFOL-JETXL/EN/00

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. CONNECTION COMPARTMENT

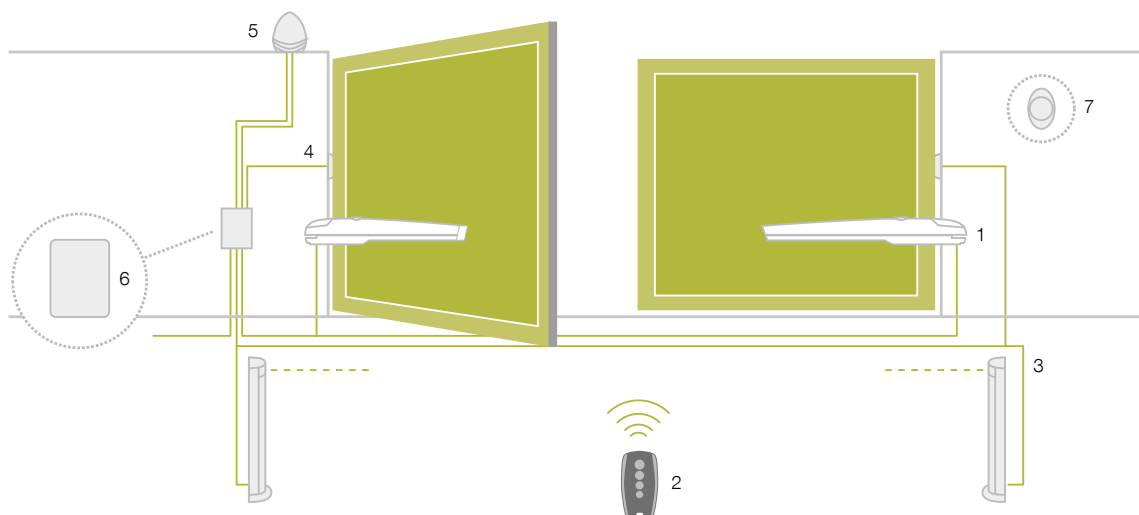
Easy and fast to install thanks to its position in the upper part of the operator

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

Code		COUPER 24
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

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

COUPER 24 KIT

Code	COUPER 24	STARG8 24 BOX	STYLO 4K	IDEA 24 PLUS	VIKY 30	TAB	Wing max dimensions
Couper Kit 24	• (2)	•	• (2)	•	•	•	2 m - 400 kg
Couper Kit 24 LT	• (2)	•	• (1)		•		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 24 PLUS



VIKY 30



TAB





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



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



BK 200
Adjustable mechanical
travel stops (2 pcs./package)



LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



BAT M016
24 V 1.6 Ah battery

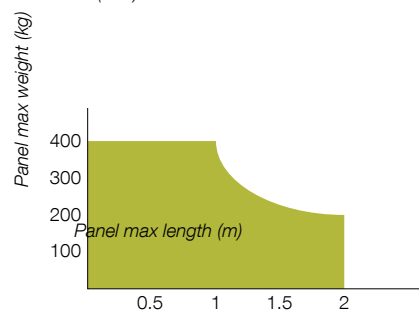
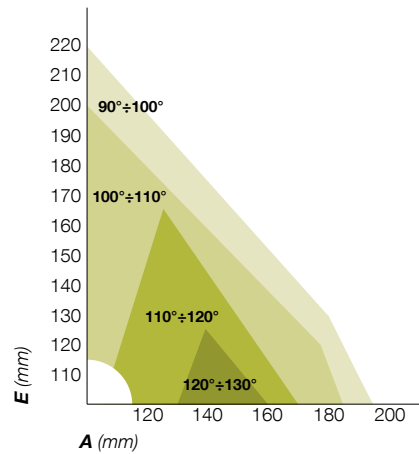
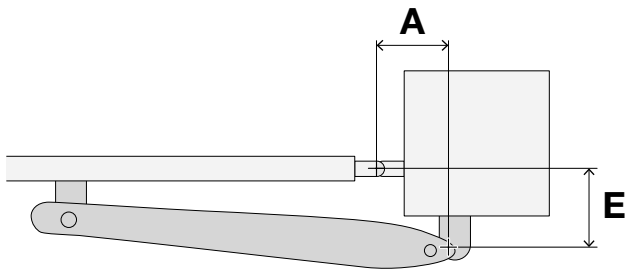


BAT K3
Battery charge card
for BAT M016



STARG8 24
24 Vdc spare control unit

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

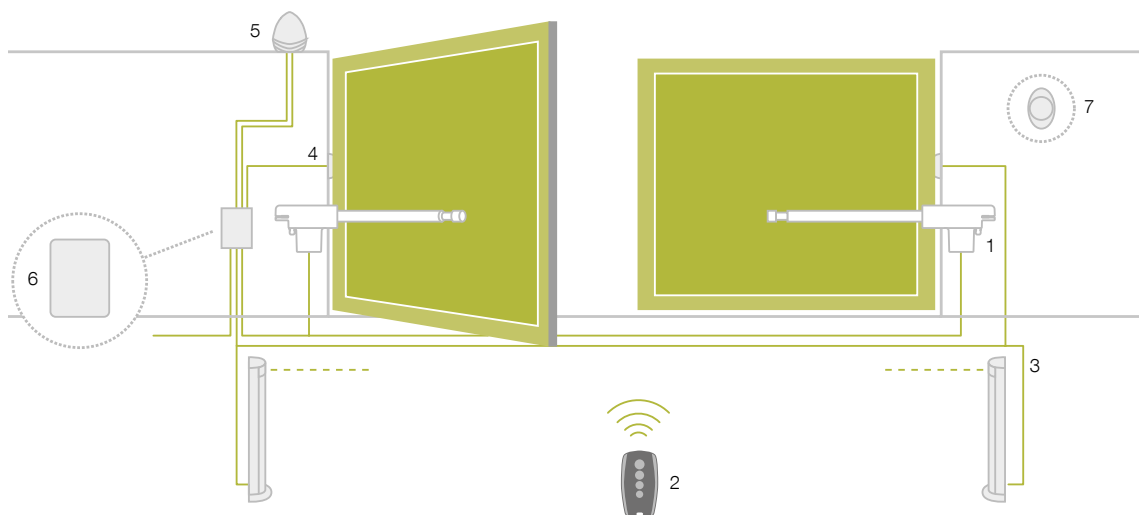
Stainless steel stem coupled with circular cross-section extruded solid element to ensure strength over time

2. FASTENING BRACKETS

Rapid installation thanks to brackets that do not require welding

3. CLAMP CONNECTIONS

Quick wiring thanks to clamp connections

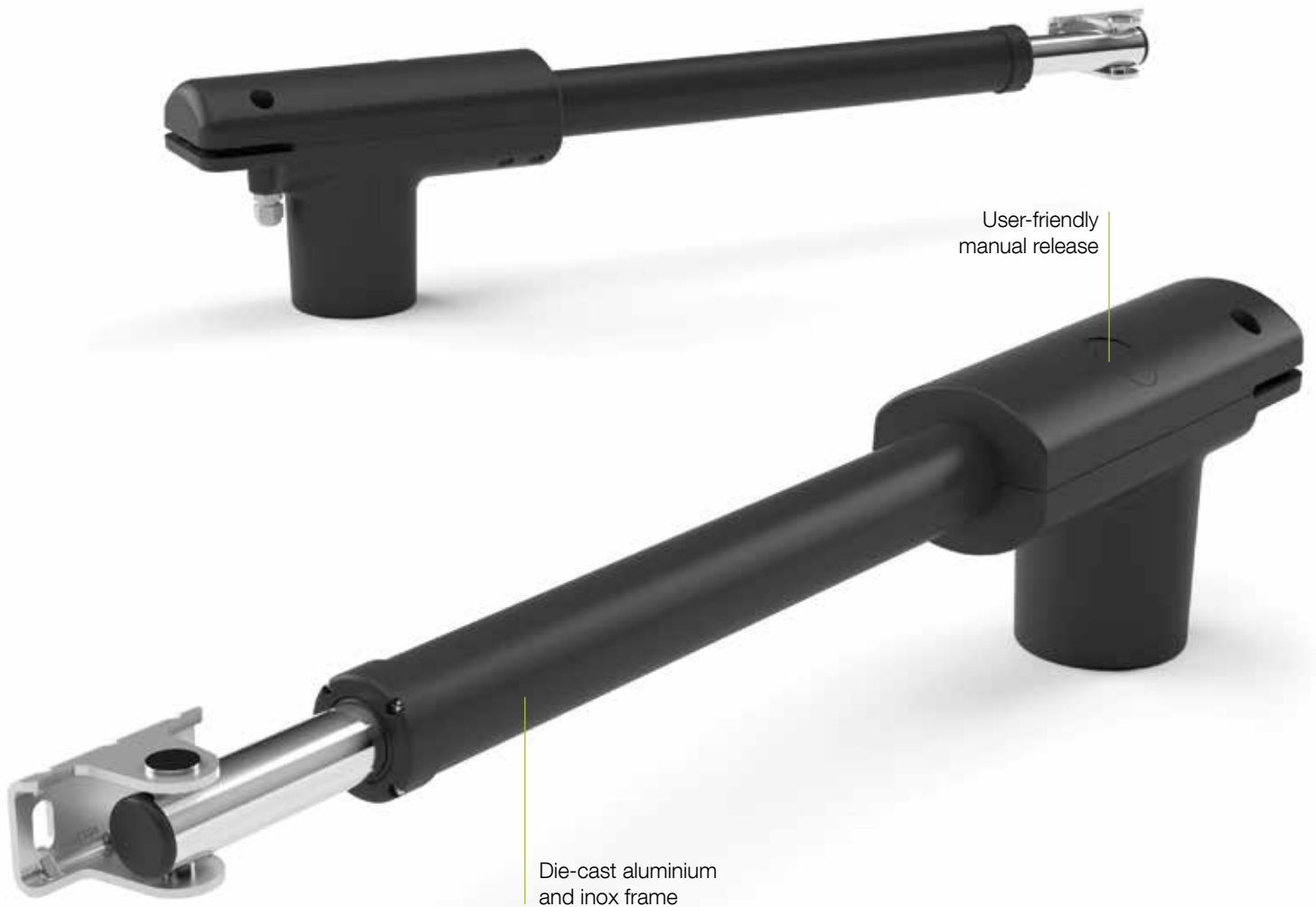


BASIC INSTALLATION

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

Code		LINEAR400230	LINEAR40024	LINEAR500230	LINEAR50024
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

Code	Motor	Travel	Fixing kit	Wing max dimensions
Linear 400230	230 Vac	400	•	3 m - 300 kg
Linear 500230	230 Vac	500	•	4.5 m - 300 kg
Linear 40024	24 Vdc	400	•	3 m - 300 kg
Linear 50024	24 Vdc	500	•	4.5 m - 300 kg

Mechanical limit switch not included

LINEAR KIT

Code	LINEAR 500230	LINEAR 50024	LINEAR 400230	LINEAR 40024	STARG8 AC BOX	STARG8 24 BOX	STYLO 4K	IDEA PLUS	VIKY 30	TAB	Wing max dimensions
Lineark400230			• (2)		•		• (2)	•	•	•	3 m - 300 kg
Lineark400230LT			• (2)		•		• (1)		•		3 m - 300 kg
Lineark500230	• (2)				•		• (2)	•	•	•	4.5 m - 300 kg
Lineark500230LT	• (2)				•		• (1)		•		4.5 m - 300 kg
Lineark40024				• (2)		•	• (2)	•	•	•	3 m - 300 kg
Lineark40024LT				• (2)		•	• (1)		•		3 m - 300 kg
Lineark50024		• (2)				•	• (2)	•	•	•	4.5 m - 300 kg
Lineark50024LT		• (2)				•	• (1)		•		4.5 m - 300 kg

Also available in 110 V / 60 Hz version



LINEAR



STARG8 BOX



STYLO 4K



IDEA PLUS



VIKY 30



TAB





LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card
for BAT M016

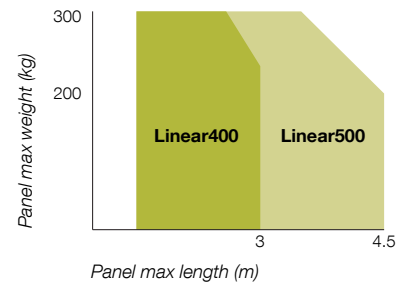
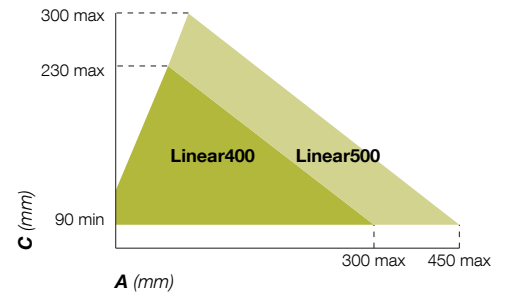
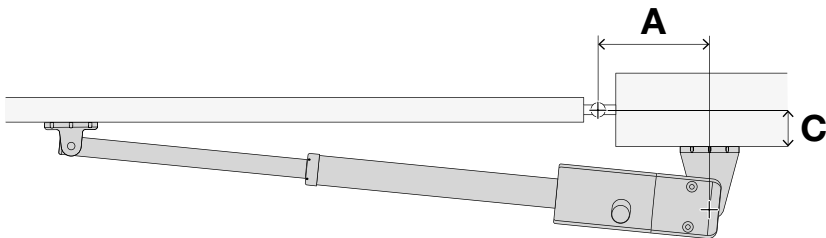


STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

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.

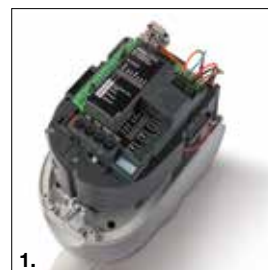
SMART TRADITIONAL ELECTRONICS

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

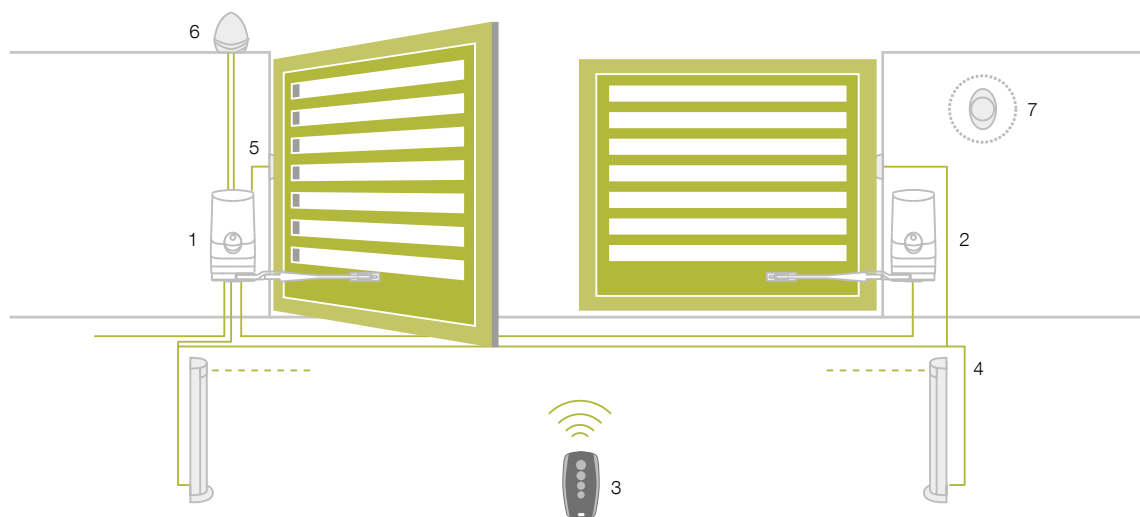
Fast regulation with trimmers and dip-switches, programming with self-learning function

2. ARTICULATED ARM

Strong die-cast aluminium arm with anti-shearing device

3. MECHANICAL LIMIT SWITCH

Strong adjustable steel limit switch



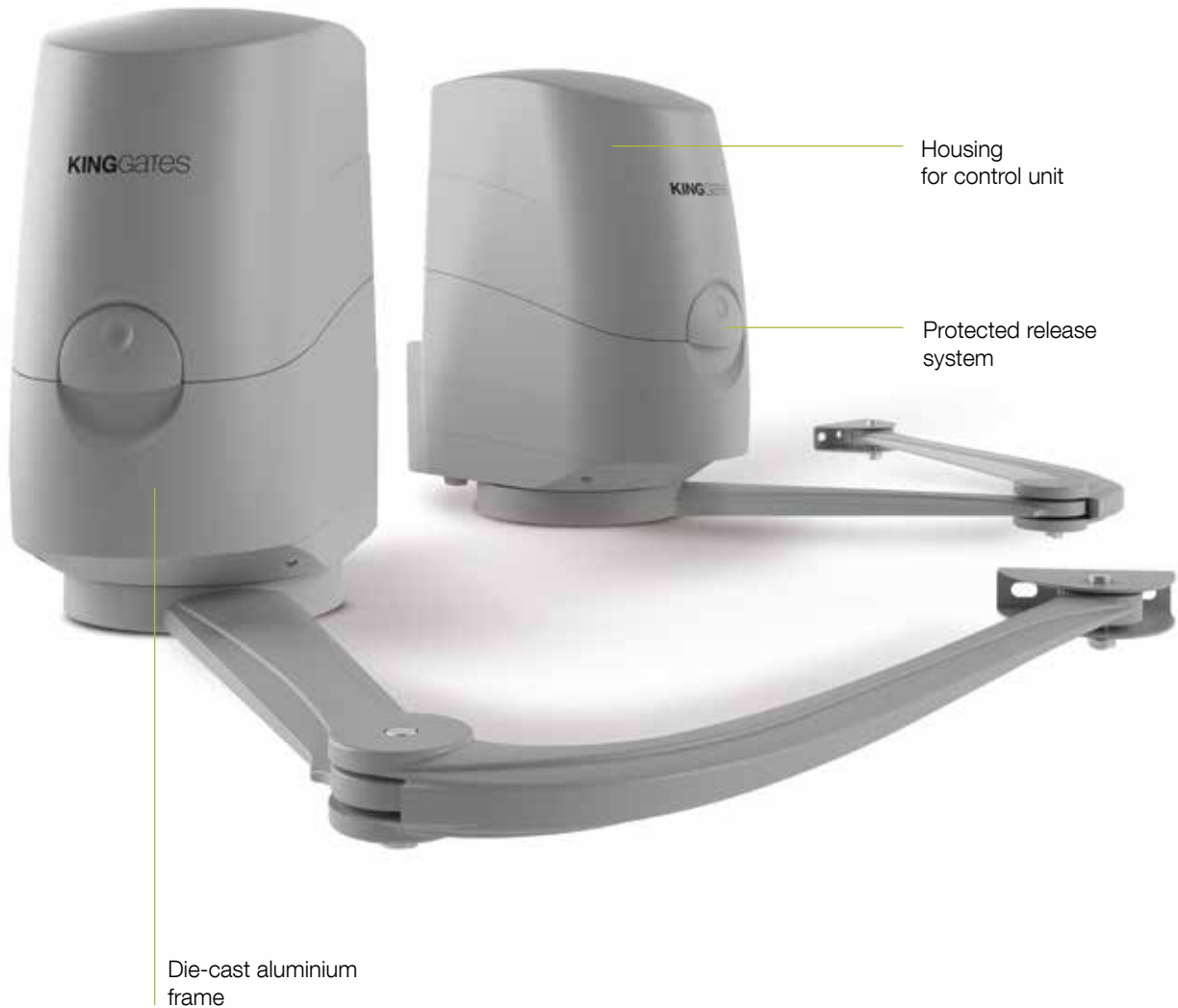
BASIC INSTALLATION

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



K NEW!



TECHNICAL DATA

K NEW!

Code		MODUS 280	MODUS XL
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

Code	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

Code	MODUS 280 MA	MODUS 280 SL	MODUS XL MA	MODUS XL SL	MO LINK 420	STYLO 4K	IDEA 24 PLUS	VIKY 30	TAB	Wing max dimensions
Modus Kit 280	•	•			• (2)	• (2)	•	•	•	2.8 m - 300 kg
Modus Kit 280 LT	•	•			• (2)	• (1)		•		2.8 m - 300 kg
Modus Kit XL			•	•	• (2)	• (2)	•	•	•	4.2 m - 500 kg
Modus Kit XL LT			•	•	• (2)	• (1)		•		4.2 m - 500 kg

Code Novo Kit	MODUS 280 MA	MODUS 280 SL	MODUS XL MA	MODUS XL SL	MO LINK 420	STYLO 4K	NOVO LED PLUS	NOVO PH 180	TAB	Wing max dimensions
Modus Kit 280 NV	•	•			• (2)	• (2)	•	•	•	2.8 m - 300 kg
Modus Kit XL NV			•	•	• (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 24 PLUS



VIKY 30



TAB



NOVO LED PLUS



NOVO PH 180



CONNECTION ARMS



MO LINK 180
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



MO LINK 420
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



MO L C18 SX
Sliding arm for leaves up to 1.8 m - 300 kg.
Left version

MO L C18 DX
Sliding arm for leaves up to 1.8 m - 300 kg.
Right version



MO Link R42
Rotative arm (Inclination +/- 8°)
Leaves max dimensions 4.2 m - 500 kg

ACCESSORIES



BK 40
Mechanical limit switch (2 pieces)



SBLO 800
External release with wire rope included



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card for BAT M016



LOCK HO
Horizontal electro lock 12 V



LOCK VE
Vertical electro lock 12 V

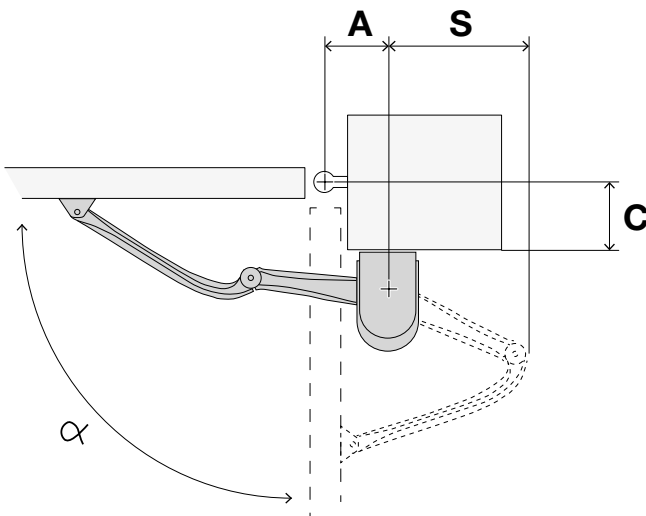


STARG8 24
24 Vdc spare control unit



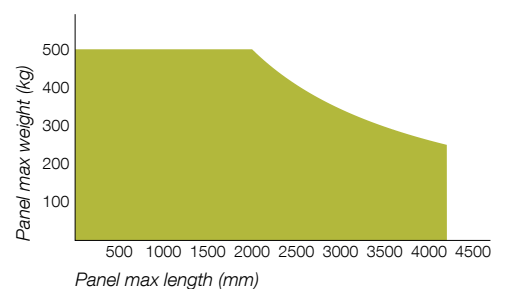
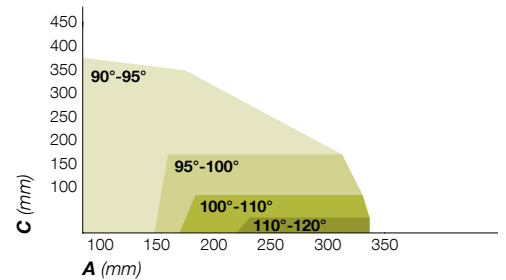
BLINDO 44
External lever release with wire rope included

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.



2.



3.

1. CONTROL UNIT

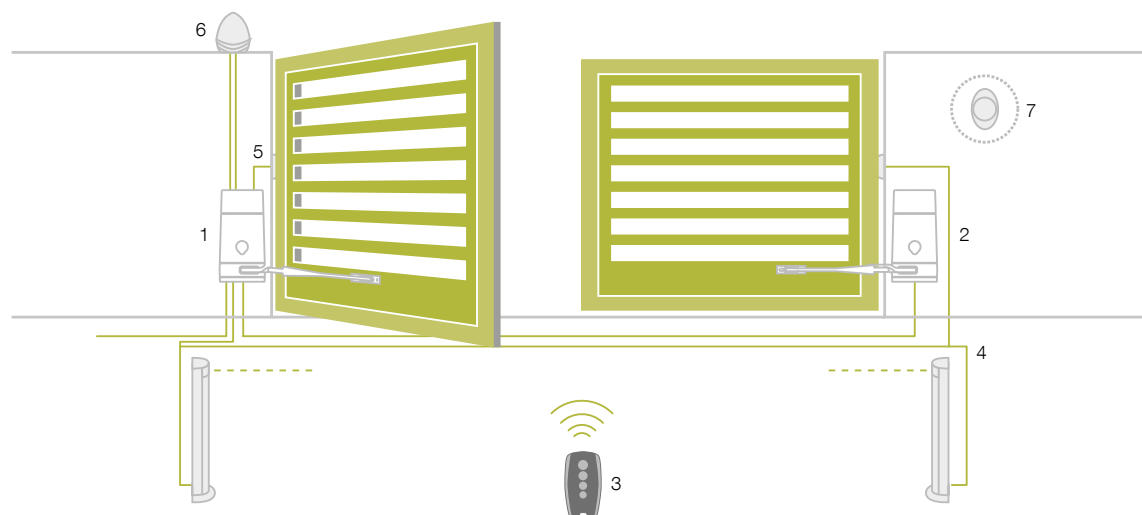
Fast regulation by trimmers and dip-switches, programming with self-learning function

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

Code		MINIMODUS
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

Code	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

Code	MINIMODUS MA	MINIMODUS SL	STYLO 4K	IDEA 24 PLUS	VIKY 30	NOVO LED PLUS	NOVO PH 180	TAB	Wing max dimensions
MiniModus Kit 24	•	•	• (2)	•	•			•	2 m - 250 kg
MiniModus Kit 24 LT	•	•	• (1)		•				2 m - 250 kg
MiniModus Kit 24 NV	•	•	• (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 24 PLUS



VIKY 30



TAB



NOVO LED PLUS



NOVO PH 180

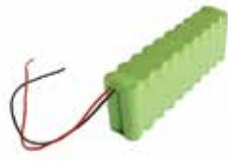




LOCK HO
Horizontal
electro lock 12 V



LOCK VE
Vertical
electro lock 12 V



BAT M016
24 V 1.6 Ah battery

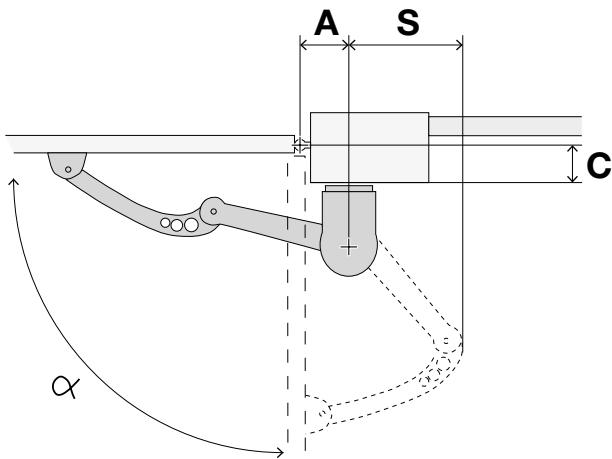


BAT K3
Battery charge card
for BAT M016

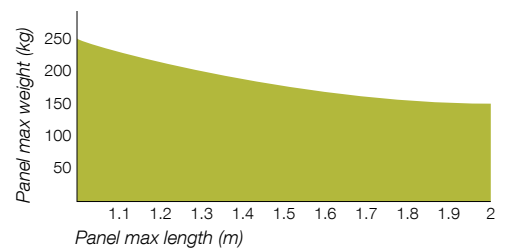
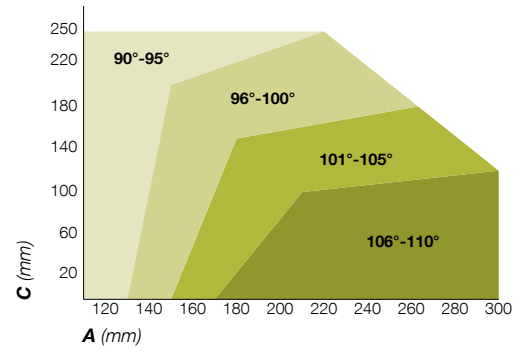


STARG8 24
24 Vdc spare control unit

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

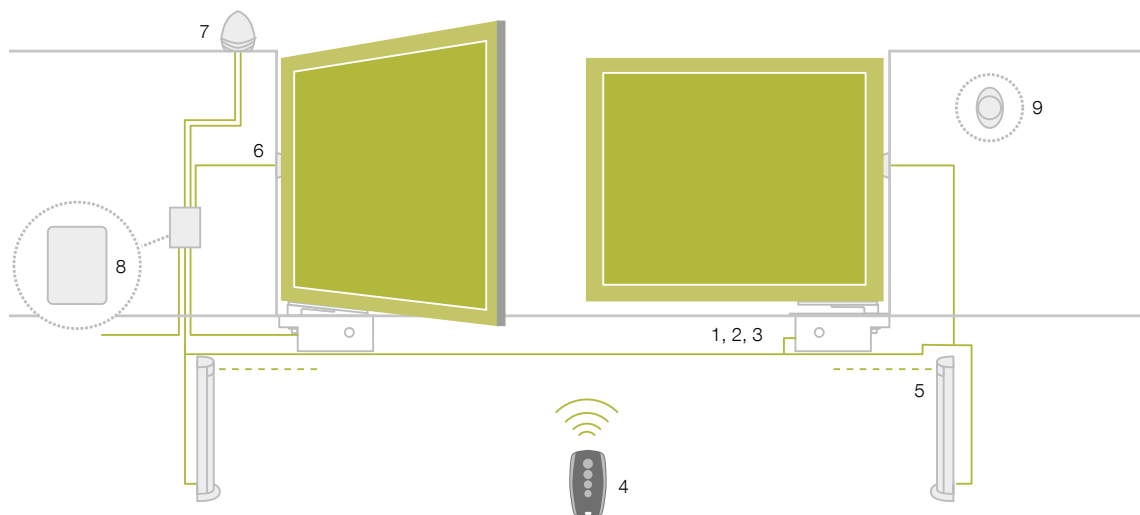
Available with key or lever

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

Code		INTRO 24-400	INTRO 230-400
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 with 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

Code	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

UNDERGROUND BOX

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

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

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



STARG8 BOX





INTRO LOCK
Lever release unlock system



INTRO KEY
Key release unlock system



INTRO FR
Adapter for foundation boxes



INK
Lever-type unlock for INTRO LOCK (4 pcs/pack)



INT 360
Kit for 360° leaf opening



LOCK HO
Horizontal electro lock 12 V



LOCK VE
Vertical electro lock 12 V



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card for BAT M016

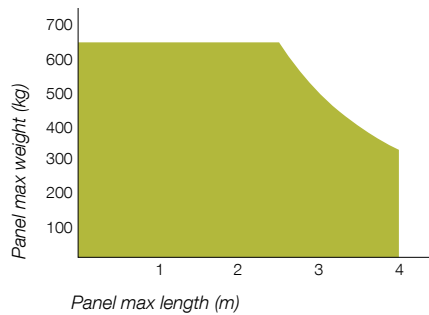


STARG8 24
24 Vdc spare control unit



STARG8 AC
230 Vac spare control unit

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

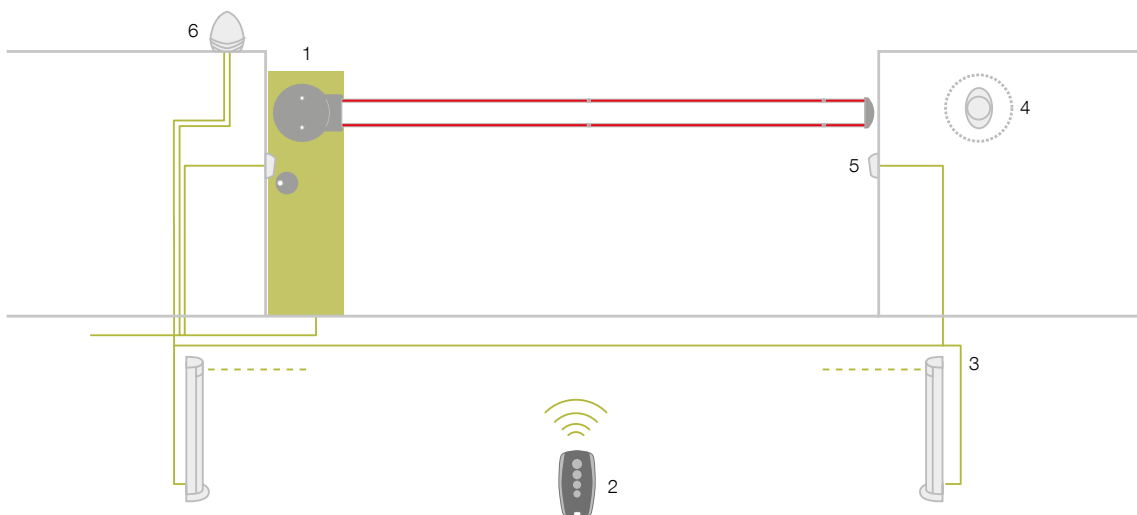
Strong and reliable key release system

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

Code		OPEN 4000	OPEN 6000
Mains power supply	(Vac)	230	
Absorption	(A)	1.1	0.6
Power	(W)	300	360
Opening time	(sec)	3.5	5
Torque	(Nm)	140	200
Working cycle	(%)	80	
Protection level	(IP)	54	
Operating temperature	(°C)	-20 ÷ +55	
Dimensions	(mm)	320x220x1000 h	420x220x1050 h
Weight	(kg)	46	54

Also available in 110 V / 60 Hz version

OPEN

Code	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 length to a max. of mt. 5 for OPEN 6000 and 3.5 meters for OPEN 4000

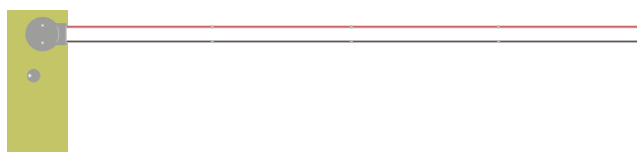
BARS

Code	Bar length	Compatible with Open 4000	Compatible with Open 6000	ASOLINK joint obligatory
ASO 4000	4 m	•		
ASO 3000	3 m		•	•
ASO 5000	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

For OPEN 4000



ASO 4000
Bar for 4 m passage



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



ASOB4000
Anchorage base (OPEN4000 comes with 1 set included)



ASOGRID
Aluminium rack (2 m)

For OPEN 6000



ASO 3000
Bar for 3 m passage



ASO 5000
Bar for 5 m passage



ASOLINK
Expansion joint compatible with ASO 3000



ASOB6000
Anchorage base (OPEN6000 comes with 1 set included)



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



ASOGRID
Aluminium rack (2 m)



ASOJOINT
Joint for bars ASO3000 (from 1950 mm to 2400 mm)

COMMON ACCESSORIES



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



STAR Open
Spare control unit



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



RX K1
Plug-in receiver



ASOPA
Mobile stand for bars



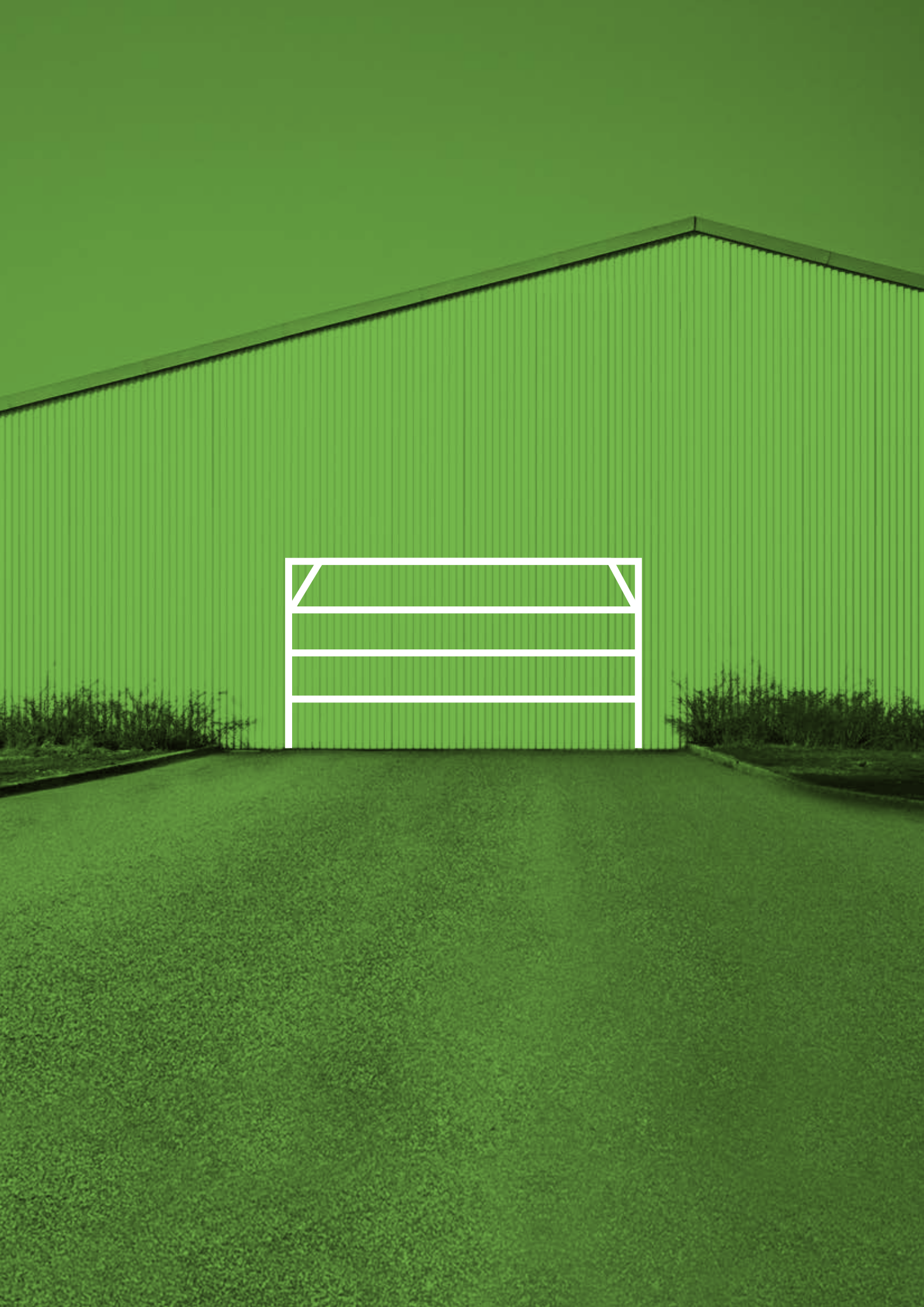
Bat K30
Plug-in card for battery charger



ASOPF
Adjustable stand for bars



BAT60
12 V, 6 Ah batteries (two batteries required for operation)



**automation
FOR SECTIONAL
AND OVERHEAD
DOORS
ROLLS
BOOK
eLevo**

**automation
FOR ROLLING
SHUTTERS
RING**

Rolls

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

DESIGN AND TECHNOLOGY

The rotating opening of the central cover makes easy the access to the control board. The electronic unit has a plastic cover with simple buttons that allow an easy and intuitive use. The location of the buffer batteries is in the backside of the base, it's strong and invisible. The belt drive is reliable and silent while the pinion can avoid any possibility of "slipping". Preassembled guides 3 or 4 meters optimize installation time, while the encoder control minimizes programming. The encoder control system minimizes the phase of set-up. **The buffer batteries allow the functioning even during a black-out.**

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 automatical 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

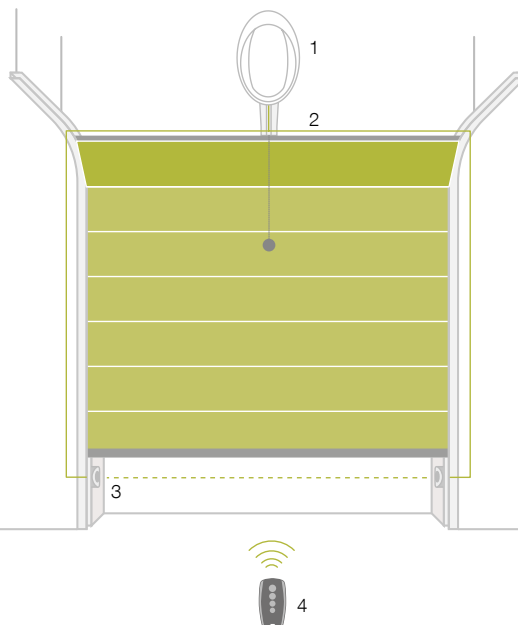
Programming with selflearning function, adjustable functions through dip-switches and regulation of power and speed

2. STEEL RAIL

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

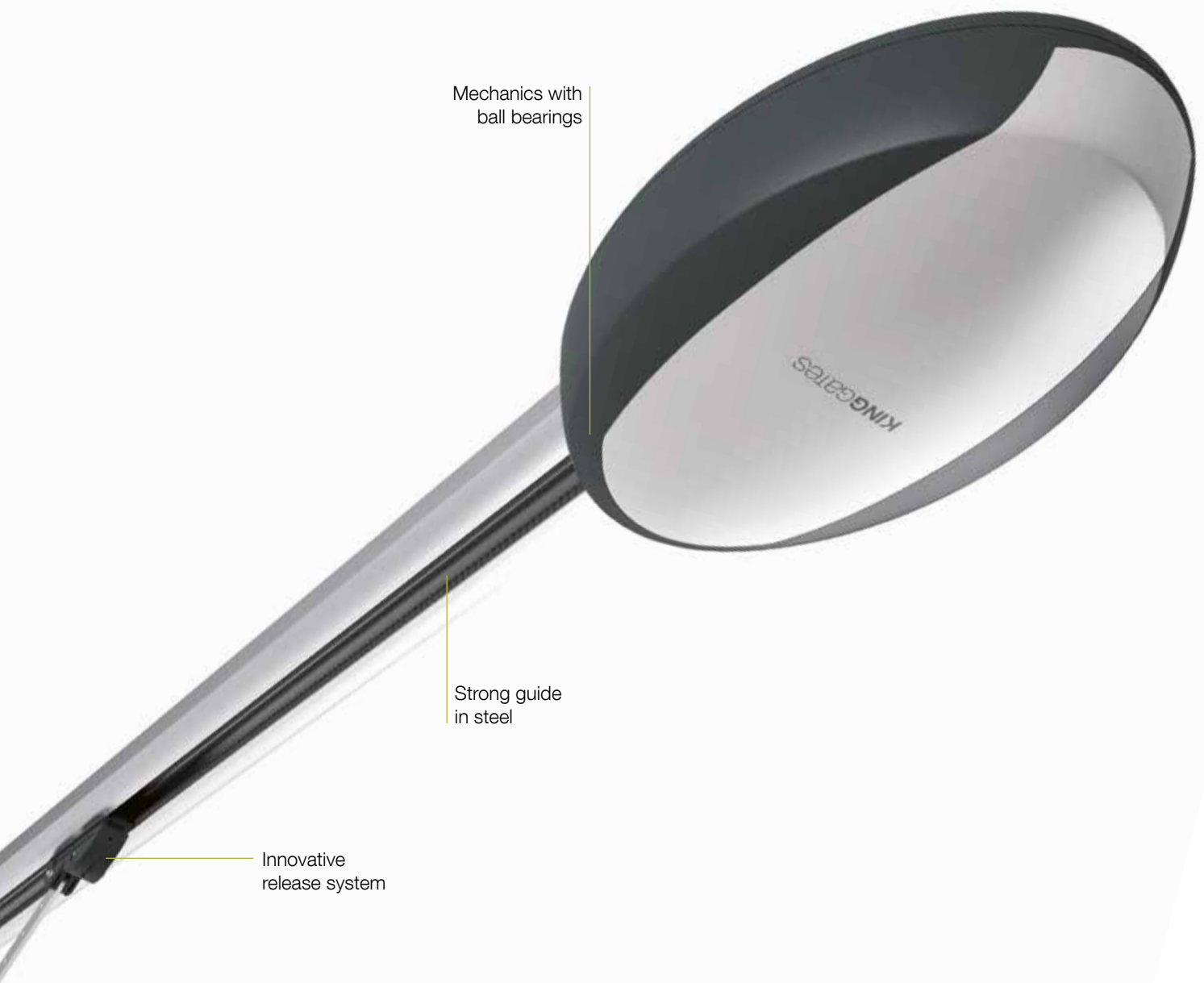
3. ASSEMBLY

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



TECHNICAL DATA

Code		ROLLS 700	ROLLS 1200
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	(m ²)	12	23
Max dimensions overhead door	(m ²)	10	14
Working cycle	(%)		60
Protection level	(IP)		40
Operating temperature	(°C)		-20 ÷ +55
Operator dimensions	(mm)		414x264x110 h

ROLLS

Code	Motor	Control unit	Radio receiver	Batteries	Encoder	Force max (N)
Rolls 700	24 Vdc	Star GDO 100	•		•	700
Rolls 700 Plus	24 Vdc	Star GDO 100	•	•	•	700
Rolls 1200	24 Vdc	Star GDO 100	•		•	1200

RAILS

Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
Grb 3	Belt	3 m	2,40 m	1 x 3 m
Grb 23		3 m	2,40 m	2 x 1,5 m
Grb 35		3,5 m	2,90 m	1 x 3,5 m
Grb 4		4 m	3,40 m	3 m + 1 m
Grb 425		4,25 m	3,70 m	1 x 4,25 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

Code	ROLLS 700	ROLLS 1200	RAIL	STYLO 4K	NOVO LED PLUS	NOVO PH 180	NOVO TX4	Force max (N)
Rolls Kit 700GRB3	•		• (GRB3)	• (1)				700
Rolls Kit 700 NV	•			• (2)	•	•	•	700
Rolls Kit 1200GRB3	•		• (GRB3)	• (1)				1200
Rolls Kit 1200GRB4		•	• (GRB4)	• (1)				1200
Rolls Kit 1200 NV		•		• (2)	•	•	•	1200



ROLLS



GRB 3



STYLO 4K



NOVO LED PLUS



NOVO PH 180



NOVO TX4



ACCESSORIES



ARC 01
Swinging arm for overhead doors



SRO 01
Additional fastening brackets kit



SRO 02
Extension bracket for the pulling arc



SPI 01
Plug cable.
Length 70 cm



SBLO 01
External unlocking system.
Applied on handle lock



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



BAT 12K
Batteries kit 24 V
(2 x 12 V - 1.2 Ah)
with connectors
and battery charge card



STAR GDO 100
Spare control unit

Book

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

DESIGN

Available in the 600 N and 1000 N versions together with belt drive transmission with 6 core steel cables. The 600 Led and 1000 Led versions with courtesy light by integrated Leds for improved lighting in the garage, the lateral position of the light gives Book an innovative and original design.

The possibility to rotate (0°+ 90°) the motor head allows to reduce space so it to be installed in tight garages.

ENCODER AND BELT TRANSMISSION

The belt drive is reliable and silent while the pinion can avoid any possibility of "slipping". Preassembled guides 3 or 4 meters optimize installation time, while the encoder control minimizes programming and allows a fast response to obstacles detection as required by regulating normative.

The innovative release system is designed to be operated by both the cord connected to the carriage drive, and the handle on the door.

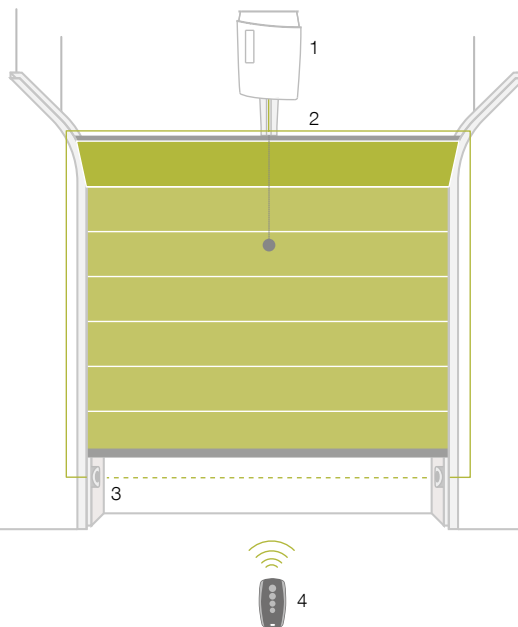
The manual operation via the cord needs no installation on the handle, makes it possible to maintain the automation released allowing the opening and closing of the door without the automatically latching the carriage.



1. ELECTRONICS
Programming with selflearning 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. COURTESY LIGHT
Original side light, also available in Led version



BASIC INSTALLATION

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



TECHNICAL DATA

Code		BOOK 600	BOOK 1000
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)	600	1000
Max dimensions sectional door	(m ²)	9	16
Max dimensions overhead door	(m ²)	7	11
Working cycle	(%)	60	60
Protection level	(IP)		40
Operating temperature	(°C)		-20 ÷ +55
Operator dimensions	(mm)		380x246x96 h

BOOK

Code	Motor	Control unit	Radio receiver	Leds light	Encoder	Force max (N)
Book 600	24 Vdc	Star GD 20	•		•	600
Book 600 Led	24 Vdc	Star GD 20 Led	•	•	•	600
Book 1000	24 Vdc	Star GD 20	•		•	1000
Book 1000 Led	24 Vdc	Star GD 20 Led	•	•	•	1000

RAILS

Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
Grb 3	Belt	3 m	2,40 m	1 x 3 m
Grb 23		3 m	2,40 m	2 x 1.5 m
Grb 4		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.

BOOK KIT

Code	BOOK 600	RAIL GRB 3	STYLO 4K	NOVO LED PLUS	NOVO PH 180	NOVO TX4	Force max (N)
Book Kit 600	•		• (1)				600
Book Kit 600-R3	•	•	• (1)				600
Book Kit 600 NV	•		• (2)	•	•	•	600



BOOK



GRB 3



STYLO 4K



NOVO LED PLUS



NOVO PH 180



NOVO TX4



ACCESSORIES



ARC 01
Swinging arm for overhead doors



SBLO 01
External unlocking system.
Applied on handle lock



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



SRO 01
Additional fastening
brackets kit



SRO 02
Extension bracket
for the pulling arc



SPI 01
Plug cable
length 70 cm



STAR GD 20
Spare control unit
for Book 600
or Book 1000



STAR GD 20 LED
Spare control unit
for Book 600 Led
or Book 1000 Led

Elevo

Automation for sectional doors up to 10 m² and overhead doors up to 8,5 m²

COMPACT AND EASY TO INSTALL

Elevo is the new automation for garage doors by KINGgates. Available in 3 kits with guides in single pieces or in 3 pieces of 1 metre each. Thanks to the 620 N torque of the motor, this device is the ideal solution to open and close sectional doors up to 10 m².

Fast installation

Just a few minutes to assemble this automation: the guide is already completely assembled in a single-piece version while profiles are connected thanks to 2 strong groove joints in the 3-pieces version.

The assembling of the motor group with the guide quickly occurs through 4 screws and in case of problems of encumbrance to the ceiling, the motor is designed to be angled of 90° with respect to the axle of the guide.

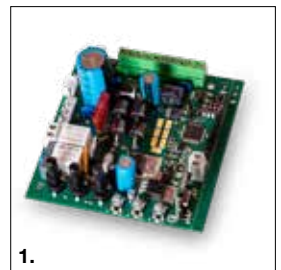
SMOOTH MOVEMENT

The profiled steel guide guarantees a smooth movement of the door during the opening and closing phases, while the use of the belt with steel core allows to get a low level of noisiness.

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

NEW 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.



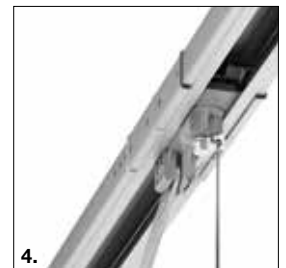
1.



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

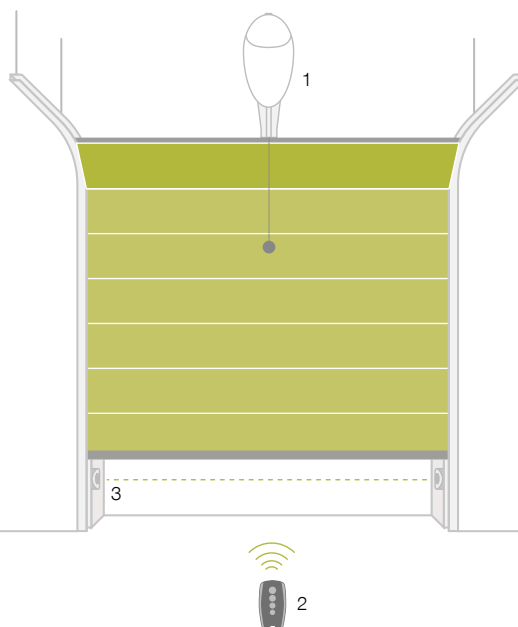
Comfortable access button to the electronic zone.

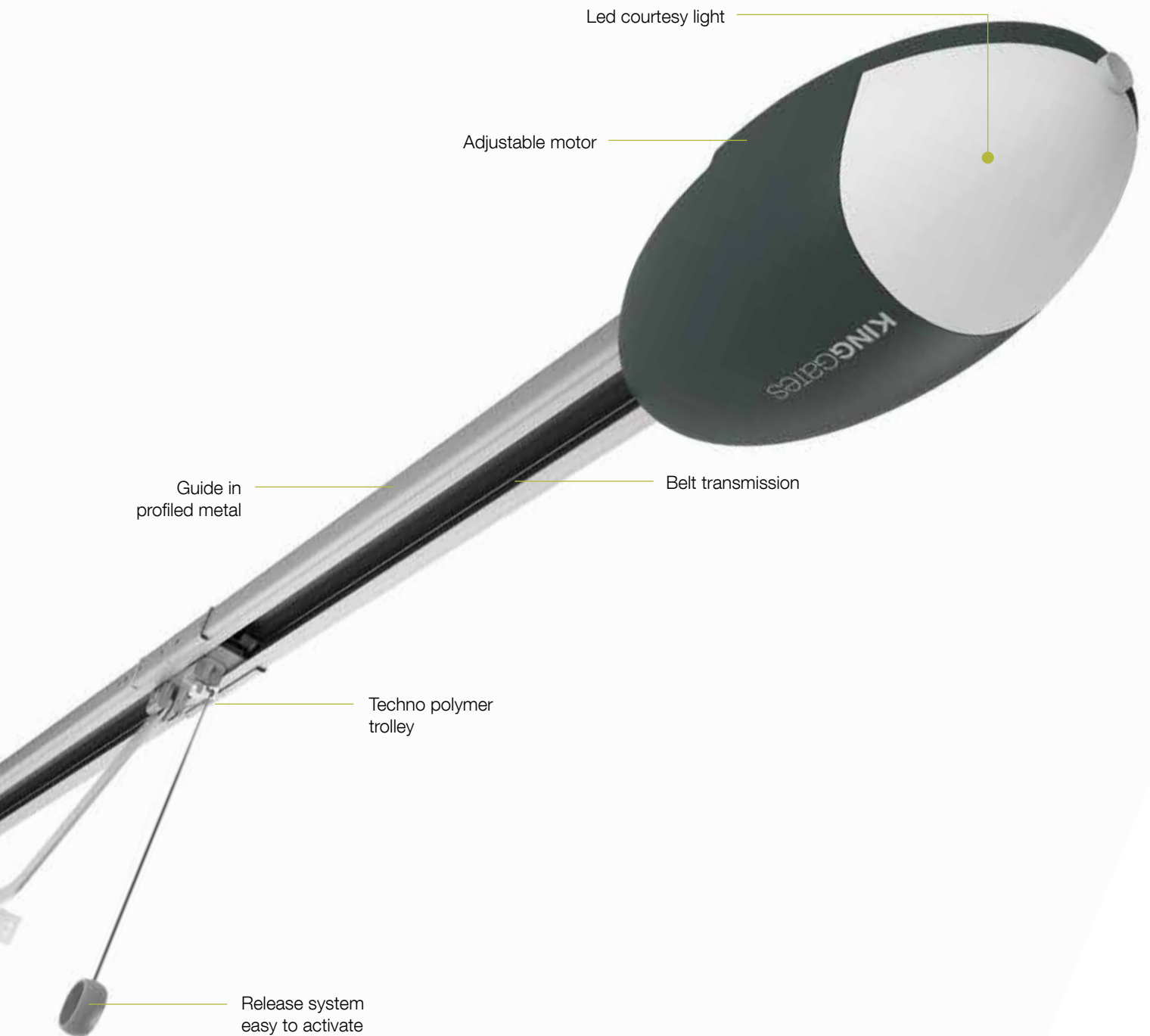
4. TROLLEY

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

Code		ELEVO
Mains power supply	(Vac 50 Hz)	230
Motor supply	(Vdc)	24
Maximum power draw	(W)	200
Speed	(m/s)	0.17
Force max	(N)	620
Max dimensions sectional door	(m ²)	10
Max dimensions overhead door	(m ²)	8,5
Working cycle	(%)	30
Protection level	(IP)	40
Operating temperature	(°C)	-20 ÷ +55
Operator dimensions	(mm)	390x210x130 h

ELEVO

Code	Motor	Control unit	Radio receiver	Light	Encoder	Forza massima (N)
Elevo 620	24 Vdc	Star EVO	•	•	•	620

RAILS

Code	Kind of transmission	Slide lenght	Door max height	Kind of rails
Elevo Kit 620 R13	Belt	3 m	2,4 m	1 x 3 m
Elevo Kit 620 R33		3 m	2,4 m	3 x 1 m
Elevo Kit 620 R14		4 m	3,4 m	1 x 4 m

ELEVO KIT

Code	ELEVO 620	RAIL GRO13 (1X3 M)	RAIL GRO33 (3X1 M)	RAIL GRO14 (1X4 M)	STYLO 4K
Elevo Kit 620 R13	•	•			• (1)
Elevo Kit 620 R33	•		•		• (1)
Elevo Kit 620 R14	•			•	• (1)



ELEVO



GRO13 / GRO33 / GRO14



STYLO 4K



ACCESSORIES



ARC 01
Swinging arm for overhead doors



SRO 01
Additional fastening brackets kit



SRO 02
Extension bracket for pulling arc



SBLO 02
Unlocking system with metal cord



STAR EVO
Spare control unit for Elevo



ST GRO
Screw-on bracket for ceiling fastening



Ring

Automation for balanced rolling shutters up to 180 kg

FAST INSTALLATION

Ring is the reduction gear for roll-up shutters that's reliable and easy to install.

Designed to be installed directly on the axle, on pre-existing or newly-placed shutters.

The irreversible movement is ensured by means of an electro-brake.

If there is a power outage, the handle release allows perfect reversibility and easy manual operation.

ELECTRONIC CONTROL UNIT

The Star B Plus control unit makes it easy to regulate rolling door operating time.

Safety photocells and a flashing light can be connected and the radio memory can contain up to 250 radio commands.

The compact shape of the plastic box makes installation easy and attractive.



1.



2.

1. LIMIT SWITCHES

Built-in electrical limit switches

2. FAST INSTALLATION

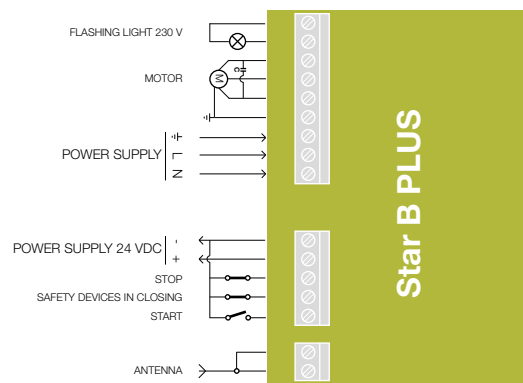
Direct installation on shaft



STAR B PLUS

Control unit for one 230 Vac motor with built-in receiver

Control unit power supply	230 Vac
Motor/s output	230 Vac (maximum 600 W)
Power supply for accessories	24 Vdc (maximum 50 mA)
Power supply for flashing lamp	230 Vac (max 40 W)
Radio receiver	Built-in, 433.92 MHz, 250 codes
Working temperature	-20 ÷ +50 (°C)



ACCESSORIES



EF 180

Electro-brake kit complete with cable and release knob



BLINDO 4

Aluminium box with release lever for electro-brake. Key access



RING

Code	Motor	Ø Shaft	Crown	Electro-brake	Max lift
Ring 180	230 V	60 mm-48 mm-42 mm *	200 mm		180 kg
Ring 180 Plus	230 V	60 mm-48 mm-42 mm *	200 mm	•	180 kg

* adapters included

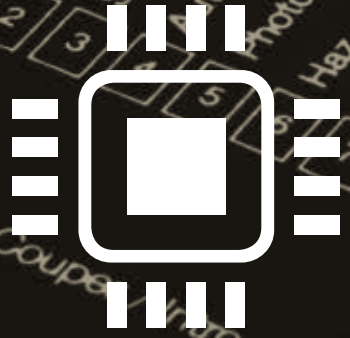
TECHNICAL DATA

Code		RING 180
Motor supply	(Vac 50 Hz)	230
Maximum power draw	(W)	600
Speed	(rpm)	10
Torque max	(Nm)	180
Work cycle	(%)	50
Protection level	(IP)	20
Working temperature	(°C)	-20 ÷ +55
Operator dimensions	(mm)	385x200x200

Also available in 110 V / 60 Hz version

KINGGates
STARG8 24
STARG8 24 XL

Dip-Switch



Actuator

1

2

3

4

5

6

7

8

Step

Auto

Photo2

Haz

Fast

Func

On

On

On

Off

Off

On

Off

Off

Jet / Coupe / Photo

Linear

Modus

Dynamos

Minimodus

ES133000

ES134200

Set

Radio

Start

Photo

Stop

Error

Set

Radio

Pause

Obstacle

Power

lay

+

-

+

-

+

-

+

**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.

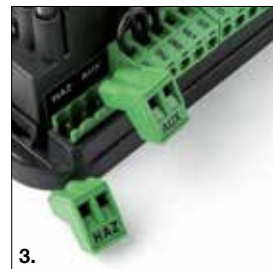
Management of slow-down options, speed regulation and obstacle control in all versions.



1.



2.



3.



4.

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



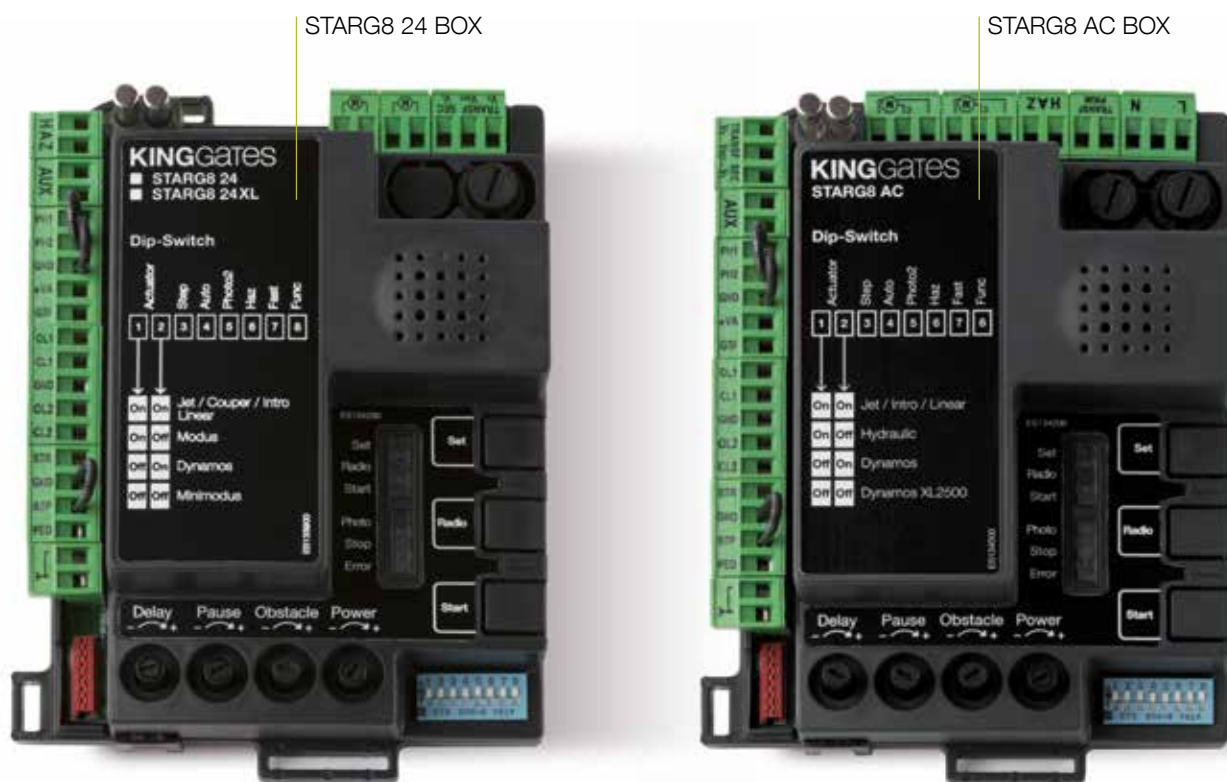
1. TRIMMER + DIP-SWITCH
Programming using trimmers and dip-switch

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

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

TECHNICAL DATA

Code	STARG8 24 BOX	STARG8 24 BOX XL	STARG8 AC BOX
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



Elbox 33
ABS box with support
bracket for electronics



MEMO 2000
Radio memory module
for 1500 users

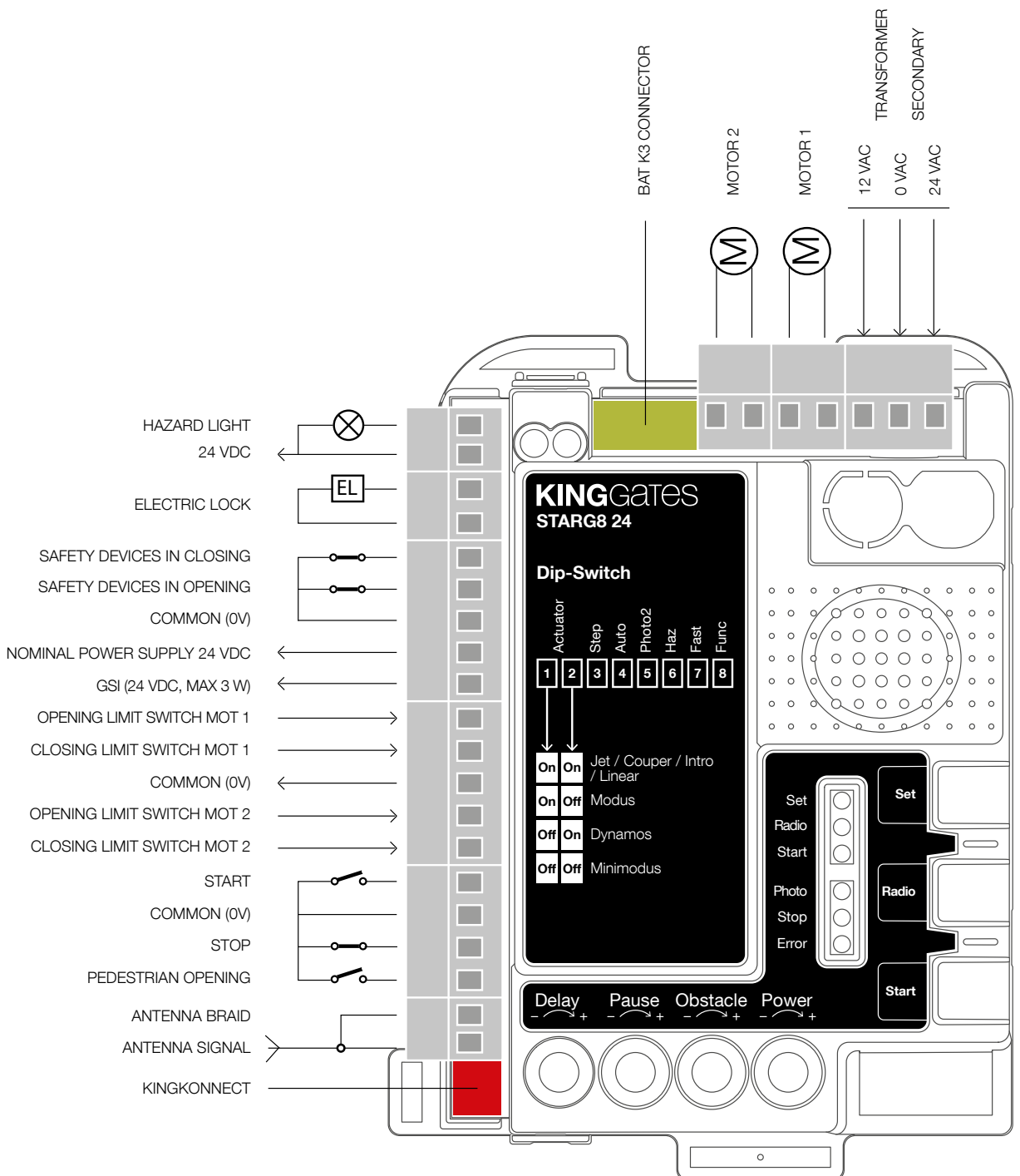


KINGCONNECT
WiFi module to manage
STARG8 central units
from Smartphone

K NEW!



WI-CLAVIS
WiFi module for managing
automations via Smartphone



For STARG8 24



BAT M016
24 V 1.6 Ah battery



BAT K3
Battery charge card for BAT M016



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

For STARG8 AC



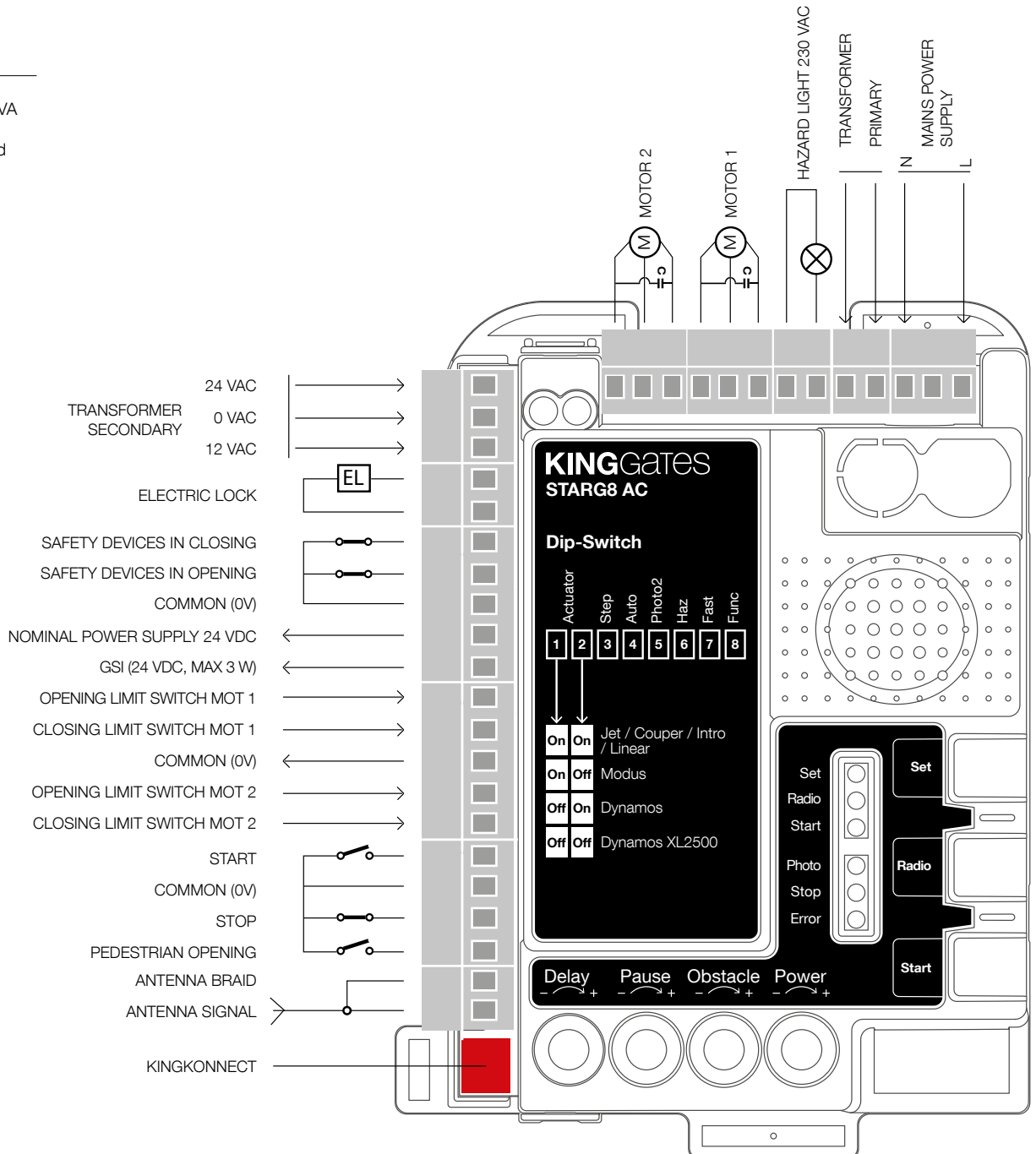
TR 40L
Lamellar transformer 40 VA for STARG8 AC for swing gates



TR 40
Toroidal transformer 40 VA for STARG8 AC for Dynamos



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



STAR DOOR

Control units for garage doors

CONTROL UNIT – GARAGE COMBINATIONS

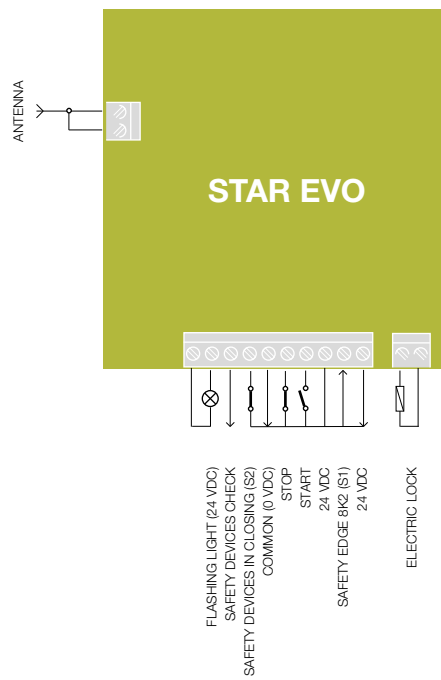
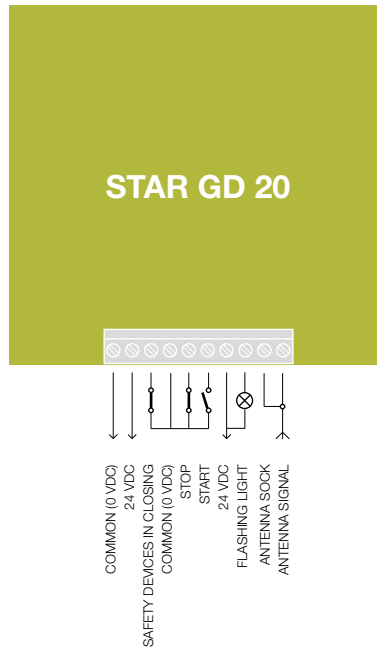
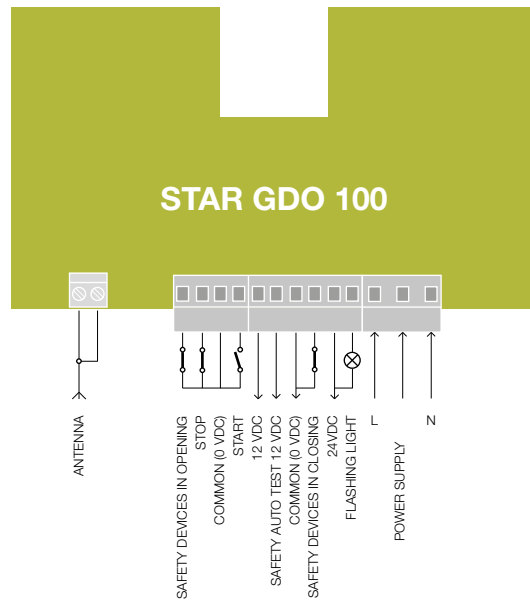
Control unit	Door	Automation
Star GDO 100	Sectional or overhead door	Rolls 700 - Rolls 1200
Star GD 20	Sectional or overhead door	Book 600 - Book 1000
Star EVO	Sectional door	Elevo 620

ADJUSTMENTS

Code	Star GDO 100	Star GD 20	Star EVO
Force / Speed	•	•	•
Obstacle sensitivity	•	•	•
Stand-by time	•	•	•

CHARACTERISTICS

Code	Star GDO 100	Star GD 20	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	•		





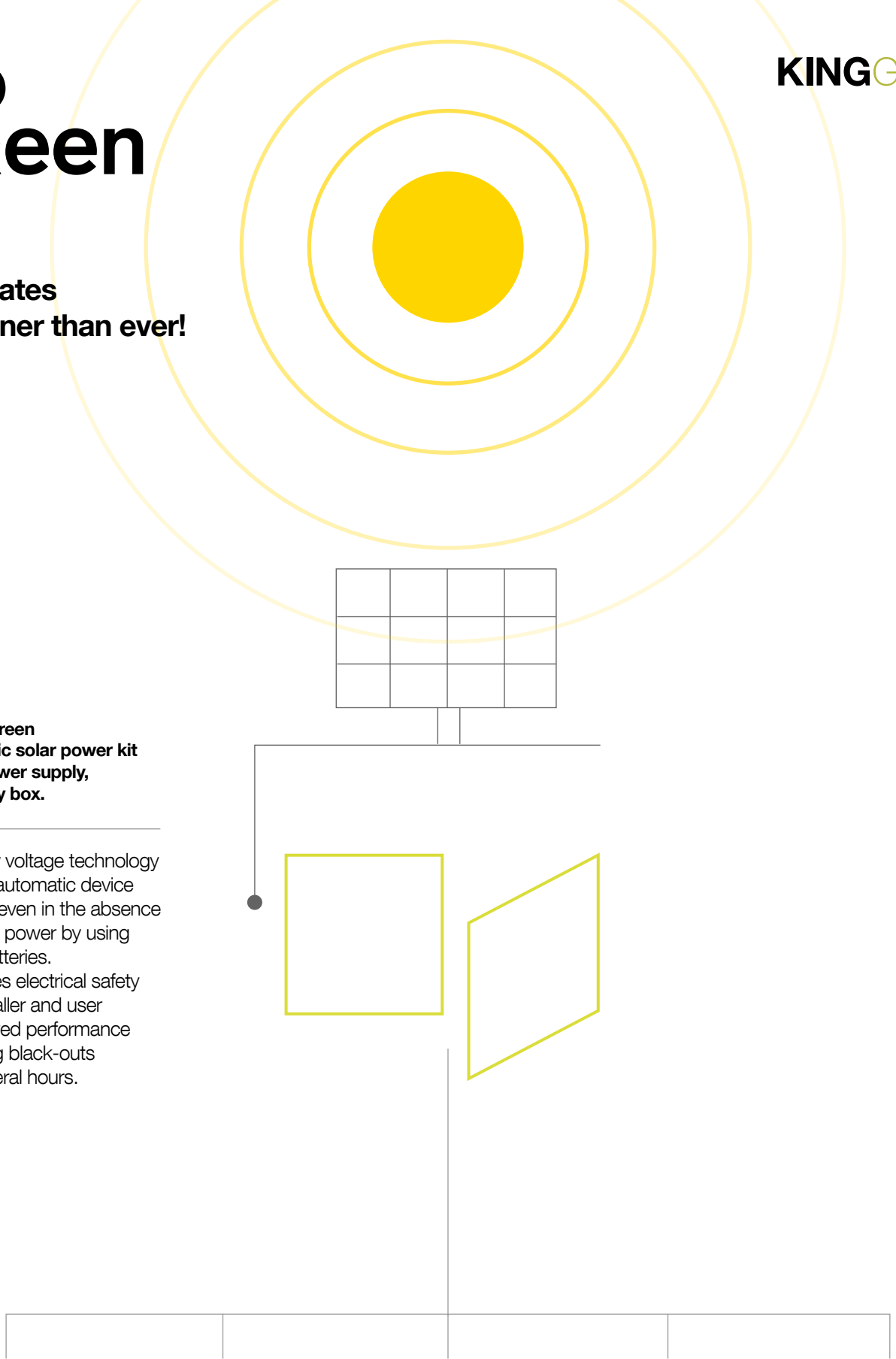
**PHOTOVOLTAIC
SOLAR
POWER KIT**

GO GREEN

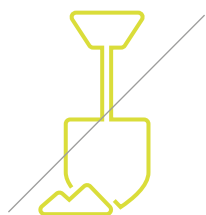
**KINGgates
is greener than ever!**

**KING Go Green
Photovoltaic solar power kit
for 24 V power supply,
with battery box.**

24 Vdc low voltage technology allows the automatic device to operate even in the absence of electrical power by using auxiliary batteries. This ensures electrical safety for the installer and user and improved performance even during black-outs lasting several hours.



Can be installed
anywhere



No excavation
required



Eco-sustainable



No black-outs



Energy
savings

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.

GOGREEN

Code	Photovoltaic panel	Battery box
GOGREEN KIT	•	•

TECHNICAL DATA

Code		BATTERY BOX	PANEL	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.

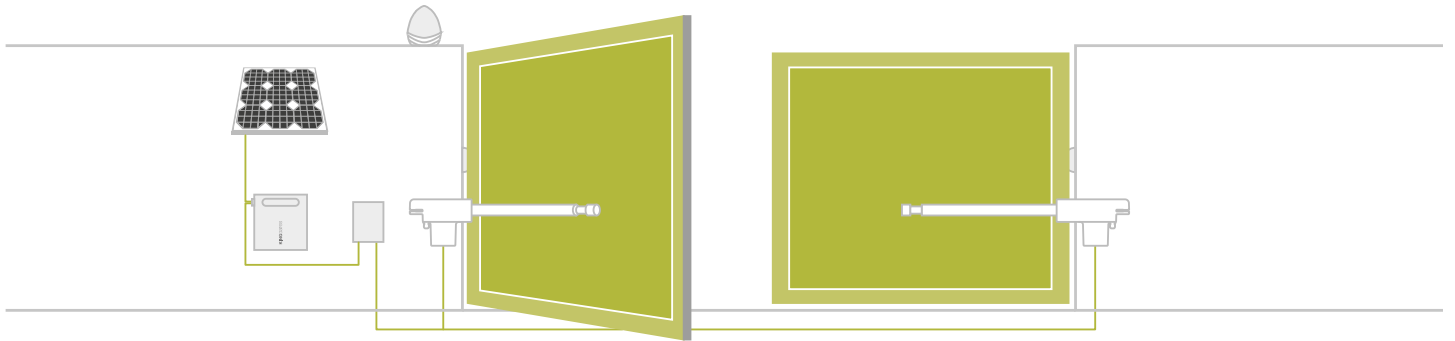
** Using the power supply unit via the mains.



GO POWER

PSU for recharging battery
from mains power supply

INSTALLATION DIAGRAM



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.

Available in white and black version.



STYLO 4K

Code	Description
Stylo 4 K	Four-channel rolling code radio transmitter, black
BAT3V2	Spare 3 V batteries, pack of 5

INTERCHANGEABLE COVER

Code	Colour	Pc/Pack
Cover WE 4	White	10

TECHNICAL DATA

Code	Frequency	Range	Encoding	Power supply	Power input	Dimensions
Stylo 4 K	433.92 MHz	100 m	Rolling code	3 Vdc	10 mA	70x38x10 mm



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

Code	Description
Stylo 2 K	Two-channel rolling code radio transmitter, black
BAT3V2	Spare 3 V batteries, pack of 5

TECHNICAL DATA

Code	Frequency	Range	Encoding	Power supply	Power input	Dimensions
Stylo 2 K	433.92 MHz	100 m	Rolling code	3 Vdc	10 mA	70x38x10 mm

Myo

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

Code	Description
Myo C4 BL	Four-channel radio transmitter with copy function, black
Myo C4 WE	Four-channel radio transmitter with copy function, white
BAT3V2	Spare 3 V batteries, pack of 5

TECHNICAL DATA

Code	Frequency	Range	Encoding	Power supply	Power input	Dimensions
Myo	433.92 MHz	100 m	Fixed code / self learning	3 Vdc	10 mA	73x38x12 mm



Metallic chromed frame

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

Code	Description
Digy pad	Wall radiotransmitter 3 channels 433.92 MHz
BAT-AAA	Spare batteries 2 pcs

TECHNICAL DATA

Code	Frequency	Range	Coding	Power supply	Battery	Dimensions	Protection level
Digy pad	433.92 MHz	100 m	Rolling code	2x1.5 V	2 x AAA	109x65x35 mm	IP 40



Novo digy

Numeric combination keypad Rolling code 433.92 MHz

Novo digy is the KINGgates numeric combination keypad via radio that can control up to 3 automations with a security code and also has a direct channel without numeric code combination.

Novo digy is programmed as a simple remote control and provides maximum security through the master code that can be changed or deleted only by the installer.

Novo digy is the perfect combination of aesthetic design and installation flexibility. Designed to be installed vertically with screen printing of the numbers on the front, you can instal Novo digy horizontally by applying a rigid label (included in the package rotating the numbers of 90°).

Like every product of the Novo line you can install the device on recess box 503.



NOVO DIGY

Code	Description
Novo digy	Numeric radio keypad 4 channels 433.92 MHz
BAT-AAA	Spare batteries 2 pcs

TECHNICAL DATA

Code	Frequency	Range	Coding	Power supply	Battery	Dimensions	Protection level
Novo digy	433.92 MHz	100 m	Rolling code	2x1.5 V	2 x AAA	109x65x35 mm	IP 54

Novo Tx

Wall or table radiotransmitter Rolling code 433.92 MHz

Novo Tx is the KINGgates 4 channel wireless transmitter. Designed to be wall mounted or used as a table top thanks to the anti-slip rubber included in the package.

Novo Tx is programmed as a normal transmitter and battery replacement is fast and easy.



NOVO TX

Code	Description
Novo TX4	Wall radiotransmitter 4 channels 433.92 MHz
BAT-AAA	Spare batteries 2 pcs

TECHNICAL DATA

Code	Frequency	Range	Coding	Power supply	Battery	Dimensions	Protection level
Novo TX4	433.92 MHz	100 m	Rolling code	2x1.5 V	2 x AAA	109x65x35 mm	IP 40

Radio receivers 433.92 MHz

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



Fred Myo 2



Fred 3



Novo RX2

RADIO RECEIVERS

Code	Description
Fred Myo 2	External radio receiver with plastic box, IP 54. 2 channels - 480 codes
Fred 3	Miniaturized control unit for controlling loads 230Vac max 1000 W with built-in receiver and switch
Novo RX2	Receiver with metal protection IP54. Mono-stable, bi-stable and Timed option functioning. Included removable memory. 2 channels - 180 codes
RXK1	Plug-in receiver for Open barriers

ACCESSORIES

Code	Description
Ant 433E	Aerial 433,92 MHz with cable

Novo click

Key selector

Novo click is the KINGgates wall mounted key switch.

Novo click is built with miniaturised pre-wired microswitches and is fitted with an anti-vandal system with customised key.

Novo click is designed to combine an original appearance and ease of use. Unlike the usual key selectors which require time and special tools to connect the faston microswitch terminals, Novo click is fitted with a pre-wired terminal for quick connection to the control board

Shock resistant and designed for either vertical or horizontal installation, like all products in the Novo line it can be installed in the 503 recessed box.



NOVO CLICK

Code	Description
Novo click	Key selector with pre-wired connectors

TECHNICAL DATA

Code	Dimensions	Protection level
Novo click	104x60x30 mm	IP 54



Wired control devices



Click 30



Digy Elite

SELECTORS

Code	Description
Click 30	Key selector with pre-wired connectors
Digy elite	Stainless steel anti-vandalism hard-wired digital selector, IP67, 500 users. Back-lighted.

METALLIC MASS DETECTORS

Code	Description
Spiro B100	Single-channel metal mass detector 24 V power supply
Spiro B200	Two-channel metal mass detector 24 V power supply

INDUCTIVE COIL

Code	Description
WIRE 6	Pre-assembled coil - Perimeter 6 m
WIRE 10	Pre-assembled coil - Perimeter 10 m

Novo ph

Rotating photocells

Novo ph 180 is the KINGgates photocell with protective metal case.

Novo ph 180 is the infrared photocell with great performance with a range in open space of 30 meters and up to 15 meters in critical weather conditions. It is adjustable in 3 positions (0°-90°-180°), easy to install in all environments. Thanks to metallic alloy case Novo ph is a robust and shock-resistant photocell, integrates with all the Novo accessory line and ensures the security of all automated paths through a sober and original way. The size and the metal case protection of the Novo accessories make the photocell Novo ph 180 a solid and professional product.

Like all the Novo product line you can install Novo light with the recess box 503.



NOVO PH

Code	Description
NOVO ph 180	Pair of rotating photocells (0°-90°-180°) with metal protection

TECHNICAL DATA

Code	Supply	Range	Consumption	Working temperature	Dimensions	Protection level
NOVO ph 180	12 ÷ 24 Vac-Vdc	30 m Standard	50 mA (TX+RX)	-20 ÷ +55 (°C)	109x65x35 mm	IP 54



Outdoor photocells

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



Viky 30



Viky 180, Viky B2



Tower 500, Tower 1000

VIKY

Code	Description
Viky 30	Pair of outdoor photocells
Viky 180	Pair of photocells adjustable through 180°
Viky B2	Pair of photocells adjustable through 180° with batteries

TECHNICAL DATA

Code	Supply	Consumption	Range	Working temperature
Viky 30	12 * ÷ 24 Vac-Vdc	50 mA (TX+RX)	30 m Standard	-20 ÷ +55 (°C)
Viky 180	12 ÷ 24 Vac-Vdc	60 mA (TX+RX)	25 m Standard	-20 ÷ +55 (°C)
Viky B2	12 ÷ 24 Vac-Vdc (RX) Battery 3 V (TX)	35 mA (RX) 25 mA (TX)	20 m Standard	-20 ÷ +55 (°C)

* by doing an inside bridge

ACCESSORIES

Code	Description
Super 100	Plastic bracket for Viky 30

POSTS

Code	Description
Tower 500	Column for 1 photocell Viky 30, height 500 mm (2 pcs./package)
Tower 1000	Column for 2 photocells Viky 30, height 1000 mm (2 pcs./package)
PTO 01	Fixing plate

Novo Led Plus

Wall mounted flashing light

Novo led plus is KINGgates' NOVO line wall flashing light programmable from KINGgates control units. It can be powered in a "oscillating" or "continuous" mode so that it can be used as a flashing light or courtesy light.

The Led technology guarantees intensity, low consumption and long life. It can be installed vertically or horizontally, Novo led plus is the ideal flashing light for garage door and residential gate use. The compact size and the metal case protection make this original product perfect for all environments.

Like all Novo product line you can install Novo led plus with the recess box 503. Practical and original is the direct installation on the overhead door frame.

The metal cover makes a shock-resistant product, while the integrated aerial avoids vandalism and enhances the radio transmitter range.



NOVO LED PLUS

Code	Description
Novo Led Plus	24 V lamp, LED technology with integrated aerial

TECHNICAL DATA

Code	Built-in aerial	Lamp	Supply	Dimensions	Protection level
Novo Led Plus	433.92 MHz	E10 10 W (LT 24 version)	24 Vac	109x65x35 mm	IP 54



Flashing light with built-in aerial

Available in orange and white with 24 Vdc and 230 Vac bulbs, with and without electronics for flashing light.

All versions have a 433.92 MHz tuned aerial protected in a resistant shockproof polycarbonate box.



IDEA

Code	Lamp	Built-in electronics	Antenna
Idea 230 Plus	230 V 15 W		•
Idea CL 230 Plus	230 V 15 W	•	•
Idea 24 Plus	24 V 10 W		•
Idea CL24 DC Plus	24 V 10 W	•	•

IDEA WE

To order it, indicate the abbreviation WE after the code. Example: Idea 230 WE



Idea WE

COMPATIBILITY OF FLASHING LIGHTS

Automation	Flashing light
Dynamos 500, Dynamos 1000, Star 2230, STARG8 AC	Idea 230 Plus
Dynamos 24/400, Dynamos 24/600, Dynamos 24/1000, Modus 280, Modus 420, Minimodus, Elevo 620, Rolls 700, Rolls 1200, Book 600, Book 600 led, Book 1000, Book 1000 led, Star 224 Box, STARG8 24	Idea 24 Plus, Novo led plus
Open 4000, Open 6000	Idea CL24 DC Plus
Star B Plus	Idea 230 CL PLUS

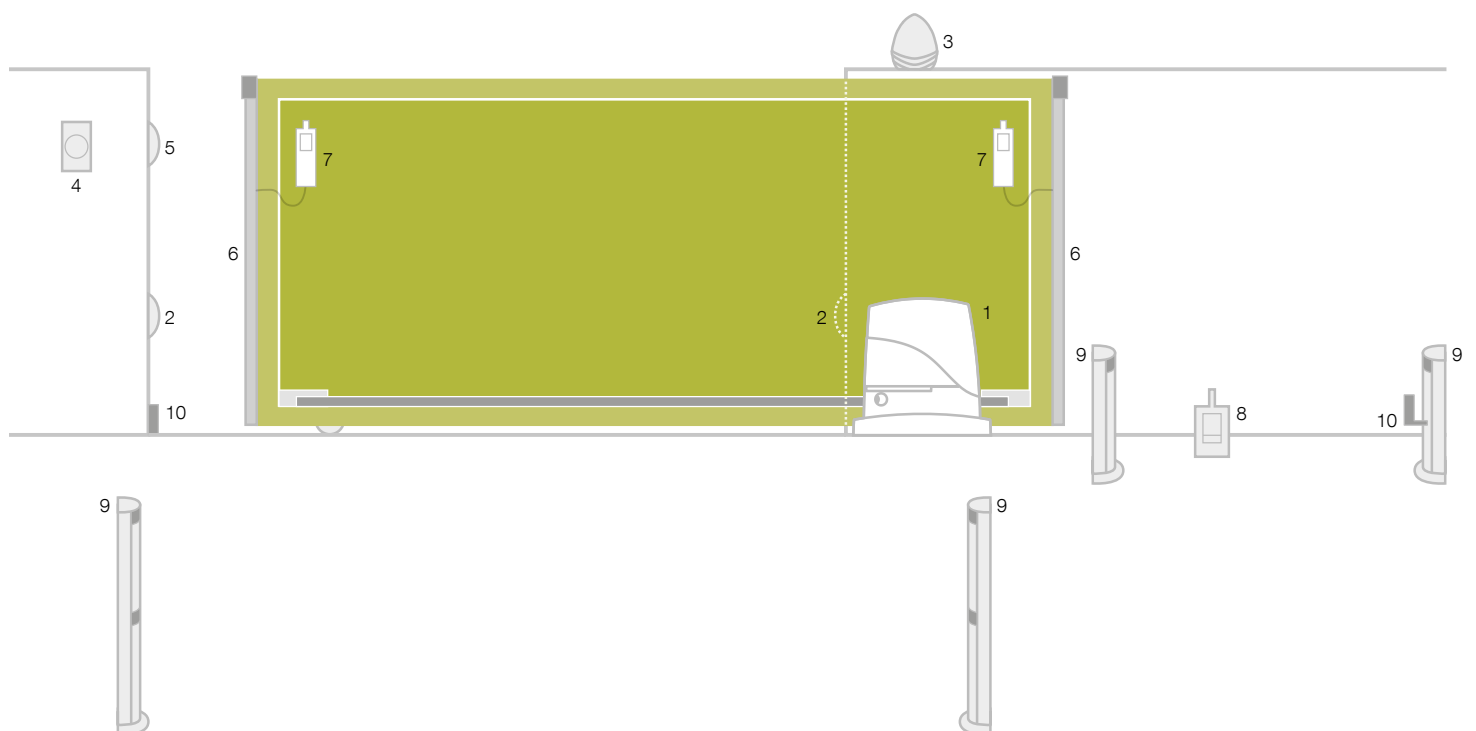
King safe

Safety devices

A range of devices to complete every type of installation, even the more complex, according to security standards.

SAFETY DEVICES ARRANGEMENT

1. Operator
2. Wall photocells
3. Flashing light
4. Key switch
5. Numerical keypad
6. Safety edge
7. Movicontrol TX
8. Movicontrol RX
9. Photocells mounted on posts
10. Mechanical travel stops





BAR, TOPBAR, PASSBAR



SLIM



MOVİ CONTROL



TAB

SAFETY EDGES

Code	Type of product	Width	Lenght (mm)	
PASSBAR1400	Passive edge	46	1400	
PASSBAR1800			1800	
PASSBAR2000			2000	
PASSBAR2500			2500	
BAR1400	Mechanic sensitive edge		1400	
BAR1800			1800	
BAR2000			2000	
BAR2500			2500	
TOPBAR1800 *	Resistive sensitive edge		1800	
TOPBAR2500 *			2500	
SLIM1500	Mechanic sensitive edge Slim		36	1500
SLIM1700				1700
SLIM2000		2000		
SLIM2500		2500		

ACCESSORIES FOR SAFETY EDGES

Code	Description
CONTROLBAR	Control board for resistive sensitive edge for control units other than STARG8
MOVİ CONTROL RX	Wireless module for sensitive edges control - receiver
MOVİ CONTROL TX	Wireless module for sensitive edges control - transmitter

SIGNAL ACCESSORIES

Code	Description
TAB	Sign board

NOTES

A series of horizontal dotted lines for writing notes.

NOTES

A series of horizontal dotted lines for writing notes.



THE KING SPECIALIST

**KINGgates relies on a network
of expert professional installers.**

KINGspecialist is a programme available only to installers: KINGgates quality in the form of a service. Installer-friendly innovations and continuous updates to keep growing together.

For more information visit
www.king-gates.com

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