CAME

MORE THAN TECHNOLOGY

MORE THAN 50+ YEARS



AUTOMATION CATALOGUE

Gate and garage door automation
Industrial closures - Automatic barriers - Accessories

CAME

GENERAL INDEX AND LEGEND OF SYMBOLS

News

This operator is tested in conformity with EUROPEAN STANDARDS on impact forces

Gearmotor or operator with ENCODER

The 24 or 36 V DC gearmotors are designed for INTENSIVE DUTY and are guaranteed to work even during power outages

This product is designed to fit the RIO System 2.0-series, 806SS-0040 snap-in card

The 230 – 400 V AC TRI-PHASE versions are ideal for INDUSTRIAL use as they guarantee greater gearmotor starting thrust

This product features BRUSHLESS technology

Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes

4G LTE technology

Product compatible with 2-wire connection technology CXN BUS

This WIRELESS product is battery-powered and operates with radio technology

Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY

The BLACK QR codes in the analytical index are linked directly to the product manual

Scan the QR code to access the complete product page directly on **came.com**

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

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A NEW WAY OF THINKING
A NEW WAY OF DOING

If we think differently, we act differently, in a way that simplifies the lives of people and improves the work of professionals, creating skills and investing in research generating global solutions.
We help our end customers by providing them with safe, efficient and convenient solutions to improve the quality of their living spaces, whether private or public.
We do this thanks to the know-how and expertise of our global network; we are a global benchmark for automation, smart homes, access control and security, and parking systems.



VISION

We believe in a world where sustainable technological innovation makes people's lives more comfortable, simple and secure

MISSION

To create a global offer of high-quality technological products and solutions for automation, smart homes, access control and security to improve our customers lives and our partners business

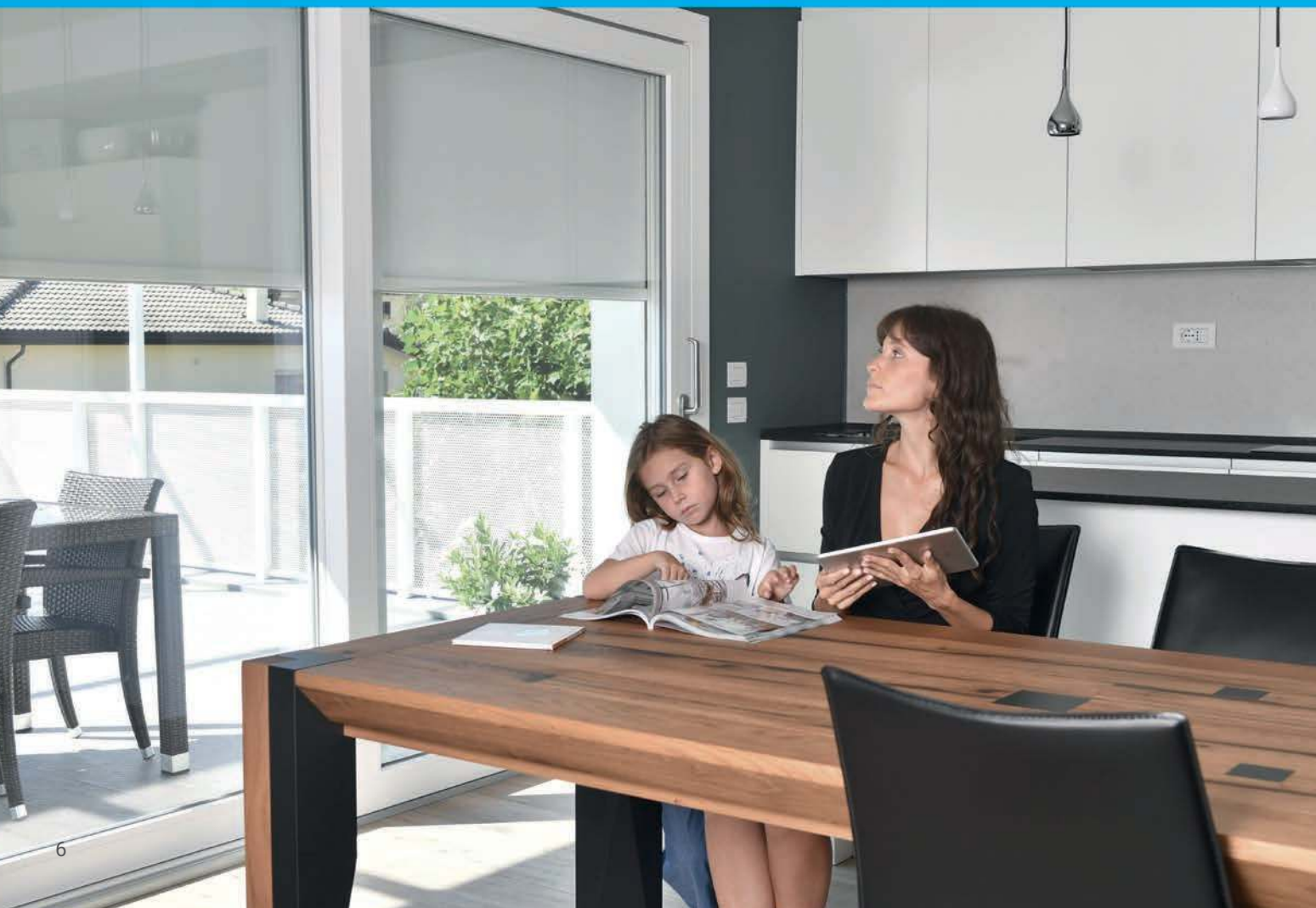
FOREVER INNOVATORS

For over 50 years, we at CAME have designed and produced high-quality technological products and solutions for the comfort and security of people in residential, public and business environments.

Thanks to the trust of our customers, we have become a go-to brand and global partner for automation, smart homes, access control and security, and parking systems.

We have capitalised on our experience and built quality relationships with many professionals, who have become ambassadors of CAME's values, bringing cutting edge technology into the lives of our customers around the world.

Our innovations translated into solutions for people become strategic for defining the scenarios of planning and living the future.



THREE SETTINGS
INFINITE SOLUTIONS

Our continued growth has enabled us to expand our product lines and the range of options we offer our partners and customers. Through our high-quality, customizable solutions, we transform residential, public, and urban environments into smart spaces.



AUTOMATION

Our market experience enables us to provide a complete, state-of-the-art range of automation for gates, garage doors, industrial sectional doors and automatic barriers. The Connect technology fitted into these operators lets you manage all features in remote mode. This is quite an advantage for both end users and installers, who can provide assistance also remotely.

Safety, design and innovation are the hallmark of all our products, which are designed to be integrated into any type of building.





AUTOMATION SOLUTIONS FOR SWING AND SLIDING GATES

CAME's wide range of automation solutions makes it possible to make all types of entrances smart and secure, while ensuring maximum reliability at all times.



AUTOMATIC BARRIERS

CAME barriers for vehicle access control can be used in residential, industrial and urban contexts. Thanks to Made in Italy quality and constant investment in research and development, our barriers offer a high level of performance to ensure maximum efficiency of service in all contexts, including intensive use.



GARAGE DOORS AND INDUSTRIAL CLOSURES

Our highest aesthetic, technological and quality standards make it possible to integrate garage doors and industrial sectional doors with the most modern residential architecture.

SMART HOME

Today homes are increasingly connected to people, their needs and lifestyles. Smart technologies are capable of automating a number of activities in order to provide greater comfort and convenience. QBE by CAME is the wireless solution that interacts with awnings, shutters, lights, home climate control, and all home automation devices.

All these devices can be managed remotely, directly on smartphones and tablets or by voice commands, thus creating a true home automation system for an increasingly smart home.





VIDEO ENTRY SYSTEMS

Our range of video entry systems features an exclusive design and an innovative technology, combining advanced performance with the maximum ease of installation and use. We offer a wide range of entry panels, video and audio receivers designed to meet every need and offer advanced features, such as the ability to answer the door calls directly from your smartphone even when you are away from home.



CLIMATE CONTROL

We offer a broad range of thermostats and chronothermostats that are suited for any type of installation thanks to their reliability, user-friendliness and design, to offer maximum convenience and save energy.

matter

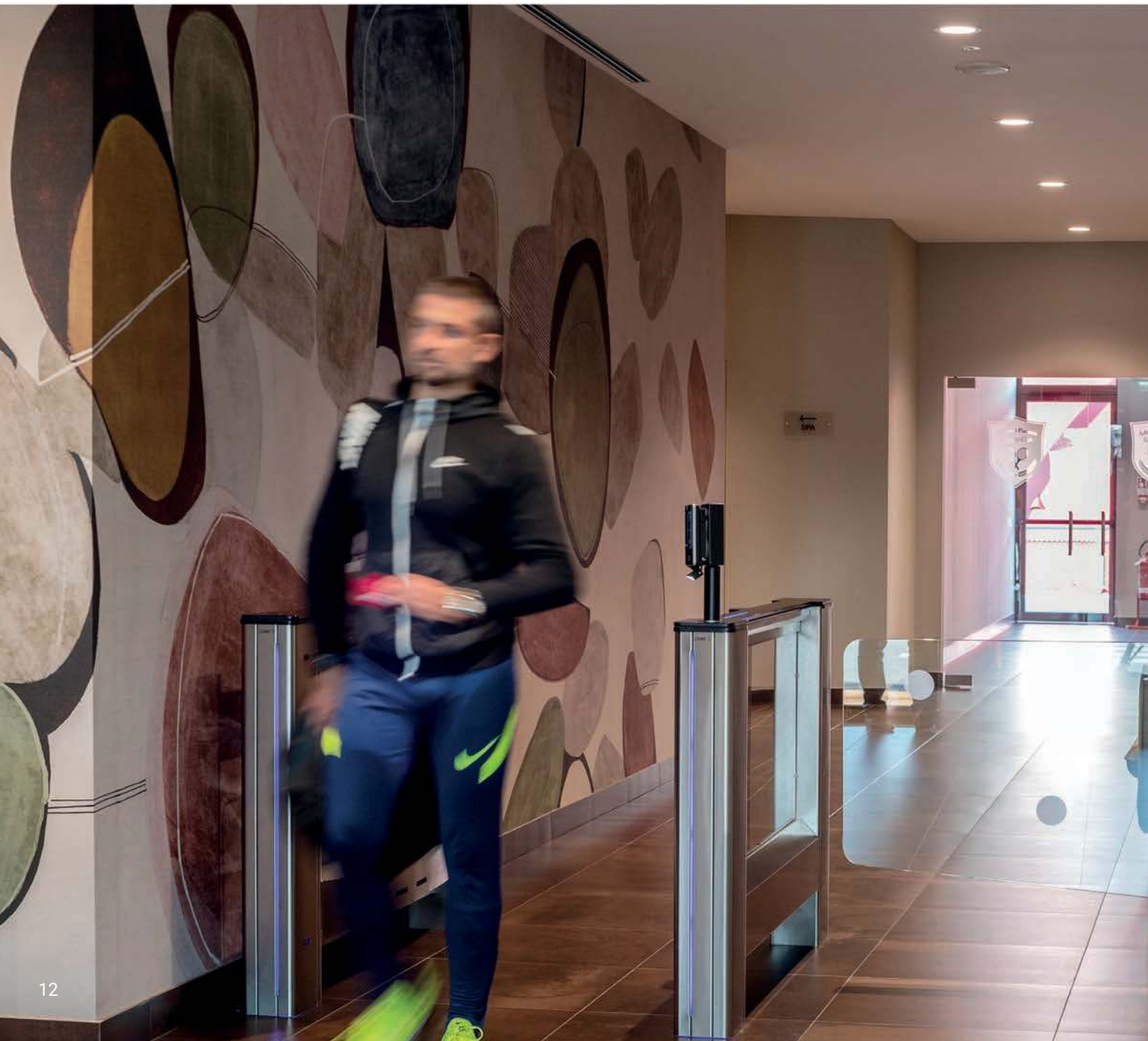


AWNINGS AND SHUTTERS

We have devised a wide range of automation solutions for awnings, shutters and blinds, all cutting-edge and ideal for residential, business and industrial settings.

ACCESS CONTROL

Our experience, competency, and innovation drive us to provide world-class, cutting-edge solutions for controlling busy access points, exposition and urban venues. We offer access control solutions with a sophisticated design, but above all open to the integration with third-party technologies.





SPEED GATES

The compact design and fast opening speed make speed gates the ideal solution for settings where the flow of people is high and security must be provided efficiently. They are used in crowded places such as train stations, airports, shopping malls and entertainment venues and can be integrated with biometric recognition systems, smart cards or QR codes, providing an additional level of security.



FULL-HEIGHT TURNSTILES

Full-height turnstiles are the ideal solution to ensure pedestrian access control and maximum security for the places and people inside them. They are suitable for facilities such as stadiums, airports, stations, sports facilities or governmental offices.



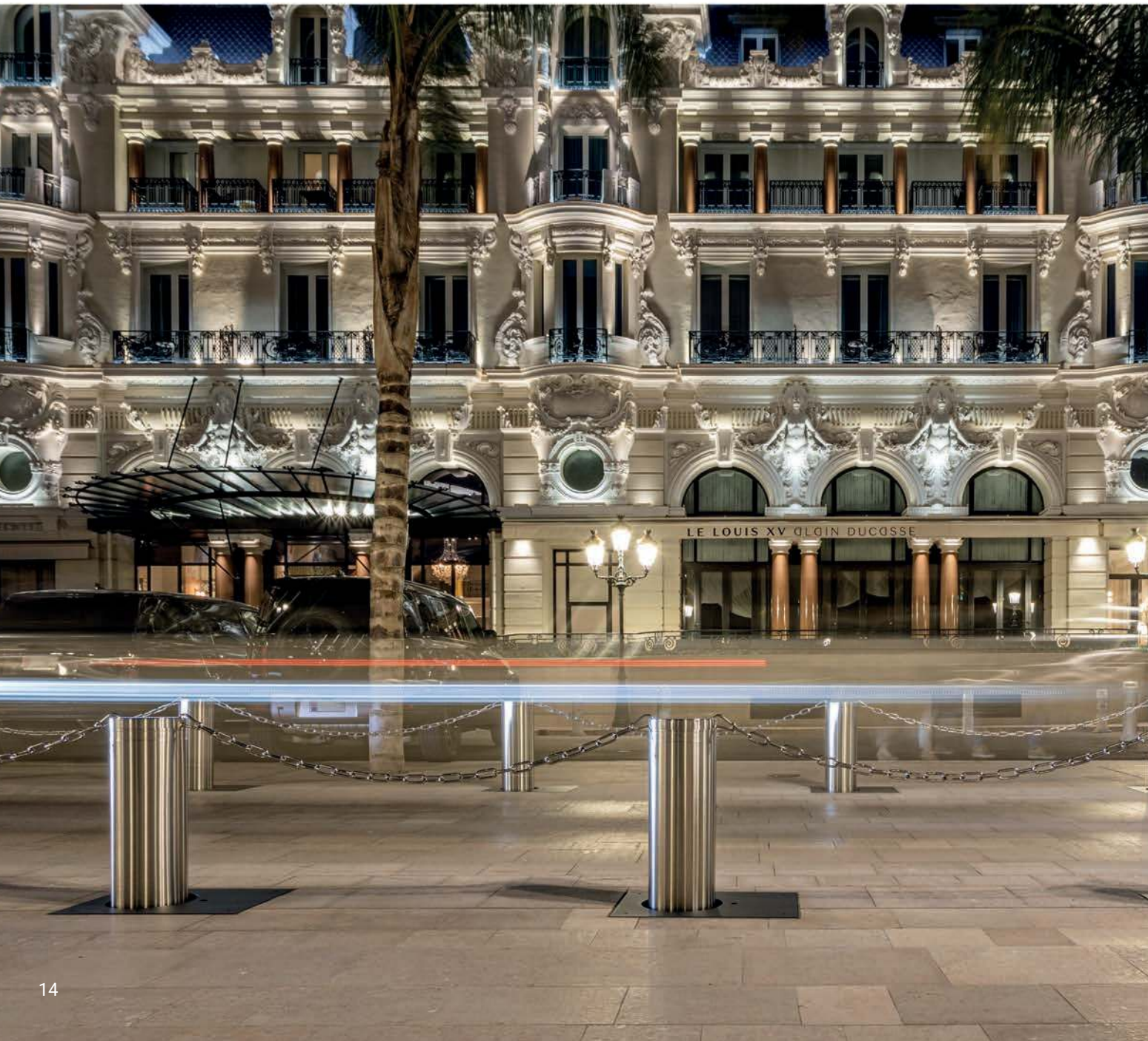
ACCESS CONTROL SYSTEMS

CAME offers solutions for the management of both pedestrian and vehicle access points combining ease and versatility of use. These flexible systems make it possible to control both a single gateway and a multiaccess system, ensuring that up to 10,000 users can be managed at each site.

SECURITY

Our innovations aim to redefine urban mobility with high-tech solutions, designed for the security of sensitive areas and the control of restricted traffic zones.

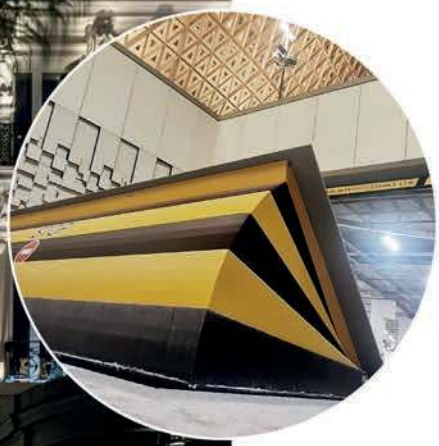
Managing sustainable mobility and urban traffic control are issues that concern us all. Since the first bollard was invented, we have striven to make urban spaces safe and smart, transforming them into reliable and safe places.





BOLLARDS

Automatic bollards are used to prevent vehicles from parking in private areas or in areas where parking is not allowed or to prevent access to restricted traffic zones. They can also be used to provide security in places at risk of break-ins by ram vehicles. CAME's offerings include various types of bollards depending on the use and the level of protection required.



ROAD BLOCKERS

CAME road blockers are hydraulic devices made of high-strength steel, which are also available in a lowprofile version to limit the depth of the underground installation space and facilitate installation even in the presence of cables and pipes. The number of our international certifications received after brilliantly passing rigorous crash tests testify to CAME's commitment to security.



DEDICATED SOFTWARE

CAME software, with open protocols such as Modbus, ONVIF, Web Service, is perfectly integrated with the most modern technologies for intelligent city management.

PARKING SYSTEMS

Our decades-old experience allows us to offer cuttingedge, high-tech solutions for controlling urban spaces and parking facilities in public areas according to the principles and needs of any Smart City. CAME anticipates customer needs, responding with innovative software solutions and a wide range of offstreet products and services.

We challenge ourselves every day with the quality of our solutions to simplify and increase the efficiency of parking facilities by improving profitability, control and performance.





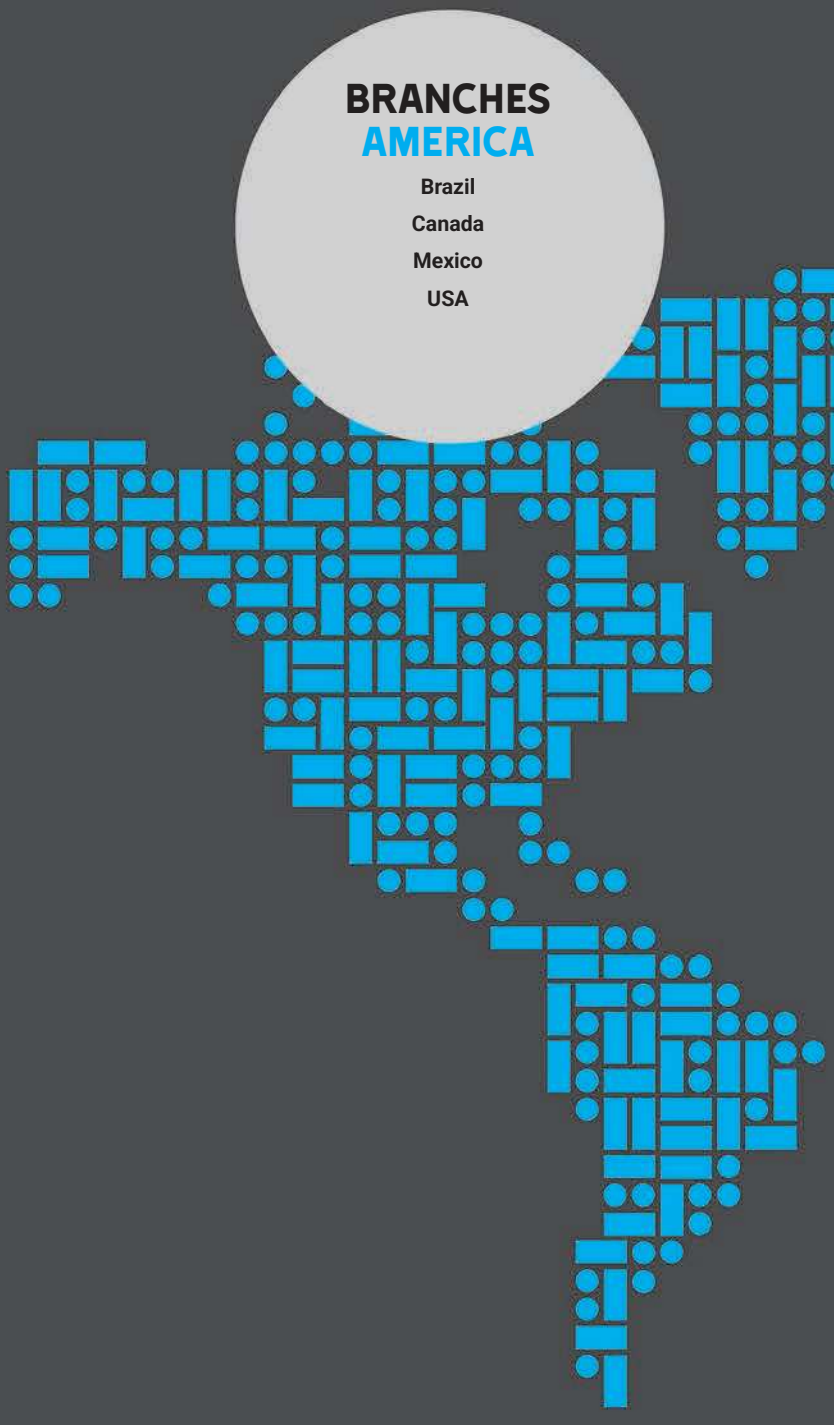
ZERO KM SERVICE

Zero KM Service, the new service concept for parkings, is a revolution in the world of parking, improving the performance of systems, guaranteeing the operator full autonomy in the maintenance service.

DEDICATED SOFTWARE

Lince is CAME's universal parking management software. It is flexible and highly customisable and combines all the functions of parking management, monitoring and payment services, including integration with products and services offered by third parties.

OUR WORLDWIDE NETWORK



CAME is a technological partner for those projects that require integrated systems for improving the quality of our living spaces, whether private or public, with products designed for controlling the home, managing urban and business environments.

We are a worldwide network. From our Treviso Headquarters, the heart of the Group, we coordinate **10 manufacturing plants and 4 R&D centers**. We lead the market with **over 25 branches and 40 warehouses** worldwide. Thanks to our commercial partners and distributors, we operate in **more than 110 countries** with an integrated and global vision.

Our Group shares common goals, which go well beyond our respective specializations: thanks to the synergies that exist among all the divisions and brands, we share a modus operandi that enriches our diversity.

CAME CAME URBACO CAME PARKARE CAME ÖZAK
CAME KMS CAME NEPOS CAME ENTROTEC

362
SALES IN 2025 (MLN EURO)

10
PRODUCTION PLANTS

4
R&D CENTRES

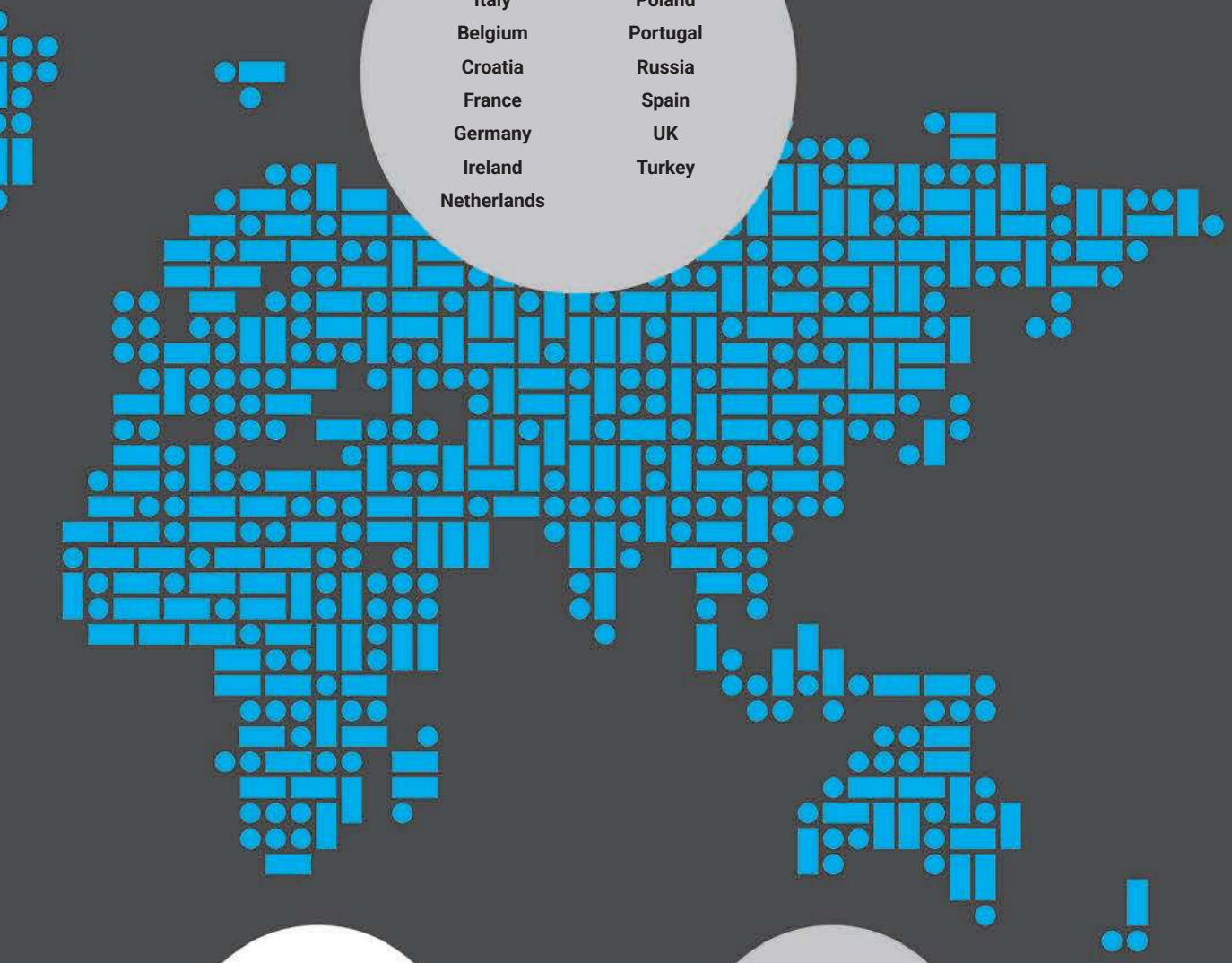
+25
DIRECT BRANCHES

+110
COUNTRIES WITH PARTNERS AND DISTRIBUTORS

+40
WAREHOUSES IN THE WORLD

BRANCHES EUROPE

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



CAME HEADQUARTERS

Treviso, Italy

BRANCHES ASIA

The UAE
China

TRAINING THAT MAKES A DIFFERENCE.



TRAINING LAB

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

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

TRAINING LAB is the online platform dedicated to all professionals who would like to keep up-to-date with new CAME technologies in a simple and convenient way.

It is designed to enhance the experience of CAME technicians around the world and is available in several languages.

A unique tool to enhance professional skills, always available through in-person courses, online webinars and e-learning programs.

Sign up and see the list of available courses:
https://traininglab.came.com/global

A TEAM OF PROS

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

CAME TRAINING TEAM

FOR INFORMATION AND REGISTRATION:

Send your request to
traininginternational@came.com

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



Upon request, CAME will design and deliver courses, tailored around your needs, by setting up the learning path, course schedule and locations.
The training program also continues online, thanks to the webinar formula for in-depth analysis of all CAME topics.
A complete and constantly updated calendar, with schedules compatible with the work of our partners and automation professionals, to offer continuous and tailor-made updating solutions.

CONNECT



INSTALLER
Configuration
Access
Monitoring
Maintenance

ADMINISTRATOR
Users management
Monitoring
Maintenance requests

CLIENT
Access

CONNECT is the CAME technology that allows to manage operators that improve the quality of life. The operators connected over the Internet offer added value for the user and open up new horizons for the installer's business.

Presented in 2015 and used by thousands of installers worldwide, CONNECT is now even more practical, more performing and more secure.

CAME has chosen to develop internally the technologies necessary to manage data flow and protection. No external agency processes the information, no server is located in remote locations around the world.

An innovative technological heart, to ensure high security and reliability. CAME has invested in research and development with the aim of simplifying the installer's work, improving user experience and offering new digital services.

All products marked by the new blue icon use CONNECT technology. They are designed for local and remote digital control and make all advanced services available through the Internet connection.

CONNECT MEANS

INTERNET CONNECTION
via CAME gateways

COMPATIBILITY
with new quick-coupling gateways

CONFIGURATION
and setup from smartphone with CAME KEY

REMOTE CONTROL
for the user through Apps

CONNECT TO THE INSTALLER'S SERVICE

Connected operators can be managed remotely via PC or smartphone. The CONNECT platform enables automatic programming via QR code of the radio controls, their remote insertion or deletion, without having to be near the operator.
A portal is also available for the management of customers and installed systems and scheduled maintenance, for monitoring the status of devices with receipt of notifications in real time.
CONNECT allows the installer to offer a complete 24/7 service becoming the trusted partner for his customer.

CONNECT TO THE ADMINISTRATOR SERVICE

Essential for the condominium administrator, building manager or the system owner, the CONNECT platform allows to enable the accesses and program the remote controls.
The system administrator can also monitor the operator status and receive notifications in the event of malfunctions, if any.
It can send on-site service requests to the installer or enable remote diagnosis.

PC PLATFORM
came.com/connect

SMARTPHONE APPS
SetUp Pro

CONNECT TO CUSTOMER SERVICE

Through the free Apps that can be installed on any Android or iOS smartphone, the user can control the devices remotely.
The App Automation allows to control all connected operations with a single smartphone, through simple and intuitive commands.
Thanks to the geolocation function, it also allows to set the automatic opening and closing, based on a customizable proximity radius.



SMARTPHONE APPS
CAME Automation

HOW CONNECT WORKS

To enable CONNECT services, each automation must be equipped with a GATEWAY or SLAVE module for radio connection.
Besides the plug-in GATEWAYs that use Wi-Fi technology, CAME also offers a practical GSM GATEWAY which guarantees the most complete autonomy of operation thanks to the mobile phone connection.



CAME KEY
FOR AN EVEN SIMPLER INSTALLATION

CAME KEY is the new working tool designed to streamline installation, programming and management of automated operators.
By exploiting the WiFi communication between CAME KEY and smartphones, the device serves as an interface between the control board and the CONNECT SetUp APP, allowing you to access the control panel functions to adjust the system's parameters.

CAME KEY reduces job times when operators are installed in hard-to-get places, and, allows installers to do the all of the following:

- Update firmware on the control board for new features.
- Manage all operator parameters, which are organized by type.
- Check maneuvers for scheduled maintenance.
- Duplicate radio-frequency controls via QR code.



CAME KEY is compatible with all products marked with this symbol:

Download the CONNECT SetUp app from:

Google Play APP STORE



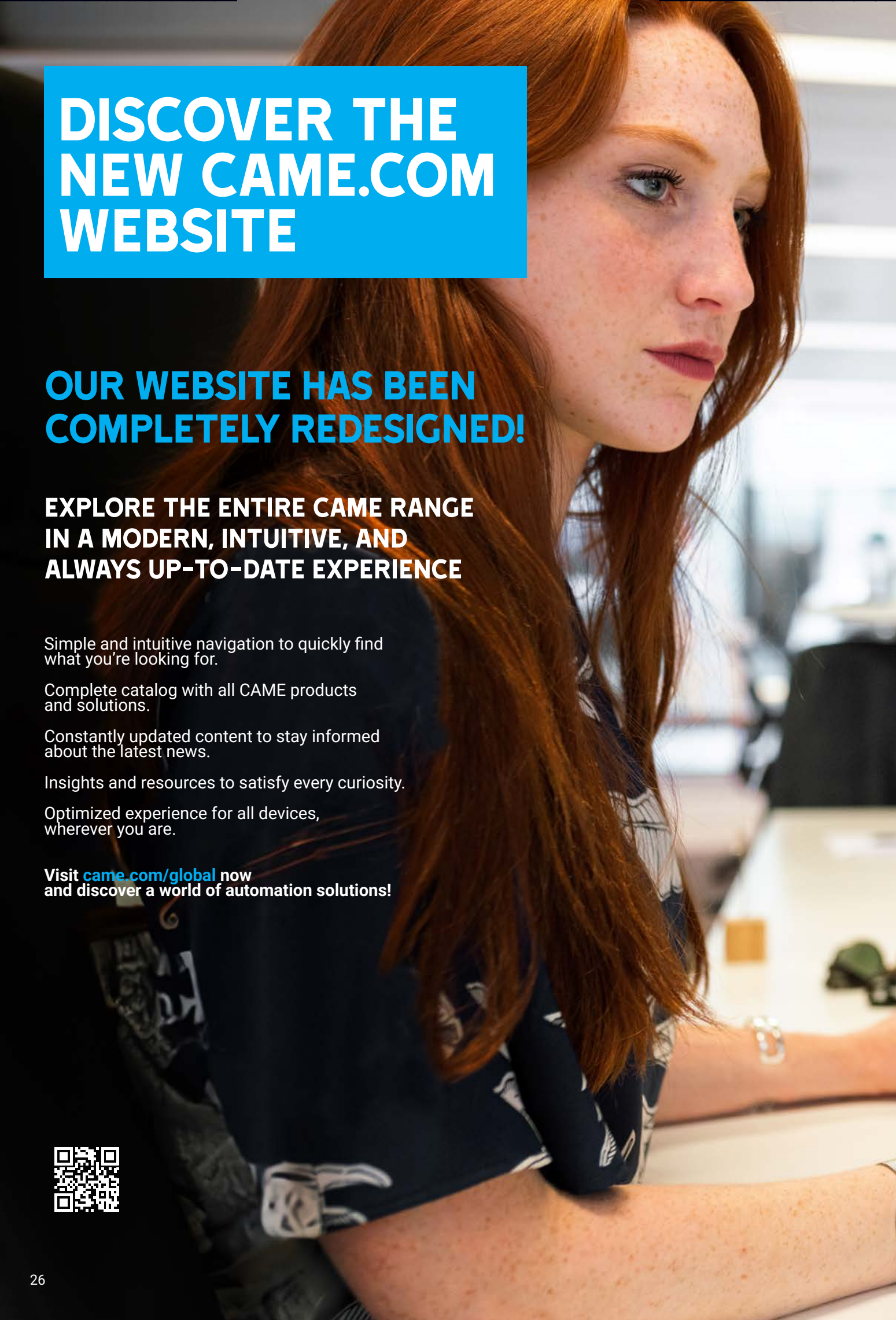


WI-FI INTERFACE TO SET UP OPERATORS

806SA-0110

THE BENEFITS

- Compatible will all control boards that are CAME Connect compatible.
- Guided set up for quick and simple commissioning.
- Backup settings to the CAME Connect cloud.
- Auto-detection of the control board.
- Settings and operators are organized by customer.
- Easy settings, thanks to the app's clear, intuitive graphical interface.



DISCOVER THE NEW CAME.COM WEBSITE

OUR WEBSITE HAS BEEN COMPLETELY REDESIGNED!

EXPLORE THE ENTIRE CAME RANGE IN A MODERN, INTUITIVE, AND ALWAYS UP-TO-DATE EXPERIENCE

Simple and intuitive navigation to quickly find what you're looking for.

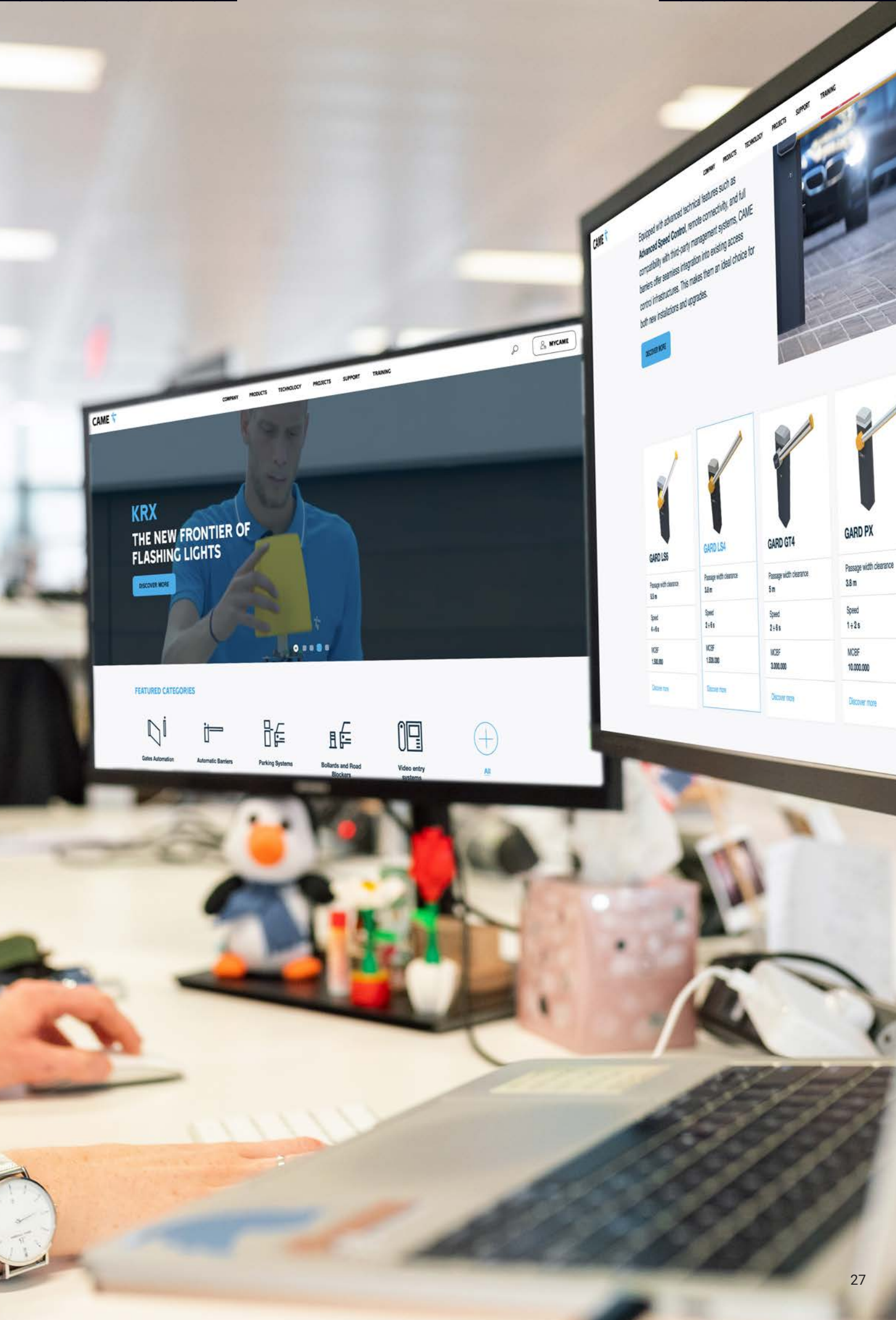
Complete catalog with all CAME products and solutions.

Constantly updated content to stay informed about the latest news.

Insights and resources to satisfy every curiosity.

Optimized experience for all devices, wherever you are.

Visit came.com/global now and discover a world of automation solutions!


CAME
COMPANY
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TECHNOLOGY
PROJECTS
SUPPORT
TRAINING
MYCAME
KRX
THE NEW FRONTIER OF FLASHING LIGHTS
DISCOVER MORE
FEATURED CATEGORIES
Gates Automation
Automatic Barriers
Parking Systems
Bollards and Road Blockers
Video entry Systems
All
GARD LS6
GARD LS4
GARD GT4
GARD PX

APP SETUP PRO

ALL FROM YOUR SMARTPHONE. DESIGNED FOR INSTALLERS.

APP SETUP PRO

is the dedicated app for professionals to easily manage CAME automations and video-entry systems.

A platform that revolutionizes the installer's work by simplifying automation and customer management.

With an intuitive interface, it enables the configuration of automations, accessories and video-entry systems from smartphones.
It is used locally with CAME Key or remotely via CONNECT gateway.

With SetUp Pro, the installer has one comprehensive tool for installing, maintaining, and upgrading CAME systems for both automations and video-entry systems.

Efficiency, convenience and speed in your daily work!

APP SETUP PRO



QUICK INSTALLATION
Now with an intuitive interface and simplified flow, it offers the Quick Setup function for easy configurations on CAME automations and video-entry systems via smartphone.

SIMPLIFIED LOCAL PROGRAMMING WITH CAME KEY
Thanks to the immediate connection via CAME KEY, configuration and updating of system parameters is quick and easy without complications.

CUSTOMER MANAGEMENT AND PERSONALIZED ASSISTANCE
The SetUp Pro app has a built-in customer address book allowing for quick and organized management of installations and interventions.

ALL WITHIN REACH
Maintenance and support always accessible with SetUp Pro: error history, maneuver details and quick access to spare parts, manuals and technical support.

ACCESSORY MANAGEMENT AND ADVANCED DIAGNOSTICS
The App manages accessories with advanced diagnostics, monitoring the status and reporting errors for preventive maintenance and quick troubleshooting.

FIRMWARE UPGRADE AND PARAMETER RESET
New firmware upgrades are easily uploaded via CAME KEY, which also enables rapid restoration of saved parameters, reducing time and effort.

CAME FOR ENERGY EFFICIENCY

CAME TECHNOLOGY ENHANCES THE WAY WE USE ENERGY

OUR PRODUCTS ARE DESIGNED TO MEET NEW ENERGY CONSUMPTION REGULATIONS.



CAME automations, control panels, and accessories have been designed to meet the latest energy efficiency standards, contributing to more conscious consumption management.

CAME products that comply with the regulation requirements are identified by the **Green Power** logo, a sign that the technology you choose is also the right one for the future.

CAME, building a sustainable future.


GREEN POWER
GREEN POWER

NEWS

SWING GATES



NEW ATI

MAX CLEARANCE WIDTH	OPENING TIME	THRUST
3 m and 5 m	13 s for 90° openings	4000 N

RELIABILITY REDEFINED.
EVEN FASTER.

RESISTANT AND RELIABLE
Featuring a robust aluminum structure, it ensures high resistance even in the most extreme environmental conditions, with an operating range between -20 °C and +55 °C and an IP54 protection rating.

POWERFUL AND FAST
With a thrust of 4000 N, the NEW ATI offers excellent performance in terms of power and speed, with 90° opening in just 13 seconds.

VERSATILE
Designed for gates from 3 to 5 meters or 400 to 1000 kg. It is easy to adapt for installation even on large posts with a C-MAX up to 155 mm.

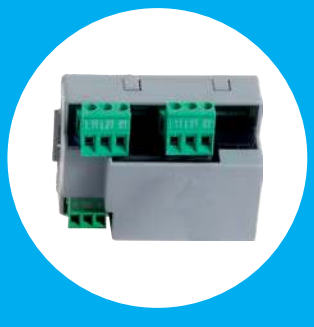
ADVANCED ELECTRONICS
Compatible with the latest CAME control boards, it supports smart configuration via CAME KEY and offers a wide range of advanced functions.

BACKWARDS COMPATIBLE WITH PREVIOUS ATI INSTALLATIONS
Available in a special version specifically designed to replace first-generation 230 V ATI motors.
The special ATI30AGS and ATI50AGS versions ensure full technical compatibility with previous ATI gearmotors.

MAIN FEATURES

- **VERSIONS FOR GATES UP TO 3 m AND 5 m, WITH 230 V AND 24 V MOTORIZATIONS**
- **OPENING SPEED UP TO 13 s (FOR 90°)**
- **ENCODER-BASED MOVEMENT CONTROL**
- **EASY INSTALLATION THANKS TO PRE-WELDED MULTI-HOLE REAR BRACKETS AND ROBUST MECHANICAL STOPS**
- **MANUAL RELEASE FOR EMERGENCY SITUATIONS**
- **SPECIAL VERSIONS FOR REPLACING FIRST-GENERATION 230 V ATI MOTORS**
- **SMARTPHONE CONFIGURATION**
- **SMART HOME AND VOICE ASSISTANT COMPATIBILITY**
- **COMPATIBLE WITH CAME CONNECT TECHNOLOGY**

Green Power Module



Simplified installation



Robust and fast



NEWS

SLIDING GATES



GREEN POWER

BKX

MAX LEAF WEIGHT	MAX OPENING SPEED	MCBF
800 kg and 1200 kg	24 m/min	250.000 cycles

THE REVOLUTIONARY AUTOMATION FOR SLIDING GATES.

POWERFUL AND VERSATILE
BKX is the irreversible gearmotor with a thrust of up to 800 N, available in two versions for sliding gates up to 800 kg and 1200 kg, with an IP54 protection rating.

FAST AND SMOOTH
Thanks to its brushless motor, BKX ensures smooth movement and speed of up to 24 m/min.

RESISTANT AND RELIABLE
With its 24 V DC brushless motor and a gearbox made of innovative materials, it guarantees long-term reliability and durability, with an MCBF of up to 250,000 cycles.

ADVANCED ELECTRONICS
BKX features a control board with a graphic display, and is CAME Connect ready. Fast configuration via CAME KEY or smartphone, available in 13 languages.
Simplified guided procedures for a fast, error-free installation.

COMPATIBLE WITH PREVIOUS MODELS
Thanks to specific adapter plates, BKX can be easily installed as a replacement for the BX, BK, and BXV series models.

COMPLIANT WITH REGULATION (EU) 2023/826
Which establishes eco-compatible design requirements for off mode, standby mode, and networked standby energy consumption.

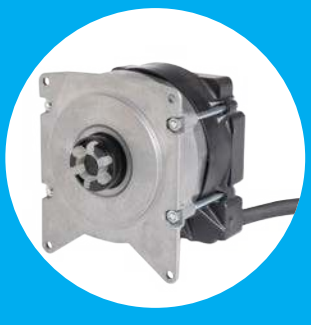
MAIN FEATURES

- **BRUSHLESS MOTOR FOR INCREASED RELIABILITY AND LONGER SERVICE LIFE.**
- **OPENING SPEED UP TO 24 m/min.**
- **AST (ADAPTIVE SPEED AND TORQUE TECHNOLOGY) TO GUARANTEE MAXIMUM EFFICIENCY, LOW MAINTENANCE COSTS, AND ENHANCED SAFETY IN CASE OF OBSTACLES.**
- **CXN BUS TECHNOLOGY FOR EASIER AND FASTER INSTALLATIONS.**
- **MANUAL RELEASE FOR EMERGENCY SITUATIONS.**
- **WIDE RANGE OF DEDICATED ACCESSORIES DESIGNED TO IMPROVE PERFORMANCE, SAFETY, AND USER COMFORT.**
- **SMARTPHONE CONFIGURATION.**
- **GUIDED AUTO-SETUP PROCEDURE.**
- **SMART HOME AND VOICE ASSISTANT COMPATIBILITY.**
- **COMPATIBLE WITH CAME CONNECT TECHNOLOGY.**

IP54 protection rating



Brushless motor



Compatible with previous models



801XC-0190
Adapter plate for **BK** series automations.



801XC-0200
Adapter plate for **BX** series automations.



801XC-0210
Adapter plate for **BXV** series automations.

NEWS

SWING GATES



FROG-X

MAXIMUM LEAF WIDTH	MAXIMUM LEAF WEIGHT	MCBF
4 m	800 kg	250,000 cycles

THE ULTIMATE UNDERGROUND MOTOR.

FAST AND SILENT
24 V brushless motor with speed up to 10 seconds for 90° opening.

POWERFUL AND RELIABLE
For gate leaves up to 4 meters and 400 kg, with MCBF 250,000 cycles, ideal for both residential and industrial settings.

STRESS-RESISTANT
All-metal frame and gears made of hardened and tempered carbon steel, and high quality steel gate leaf support pin.

WEATHER RESISTANT
Aluminum motor casing with IP67 protection rating.

ADVANCED ELECTRONICS
Control panel with smart configuration through CAME KEY and advanced functions

COMPATIBLE WITH FOUNDATION BOXES OF PREVIOUS MODELS
It can also be installed in conjunction with existing FROG foundation boxes.

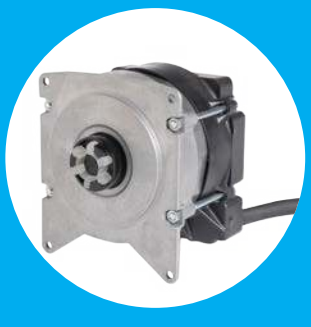
MAIN CHARACTERISTICS

- **BRUSHLESS MOTOR FOR LONGER LIFE**
- **UPDATED FOUNDATION BOX**
- **180° OPENING ACCESSORY**
- **ZLB24SA ADVANCED CONTROL PANEL WITH CXN BUS TECHNOLOGY**
- **CONFIGURATION VIA SMARTPHONE**
- **GUIDED CONFIGURATION WITH AUTO-SETUP**
- **COMPATIBLE WITH SMART HOME AND VOICE ASSISTANTS**
- **COMPATIBLE WITH CAME CONNECT TECHNOLOGY**

Accessory for 180° opening



Brushless motor

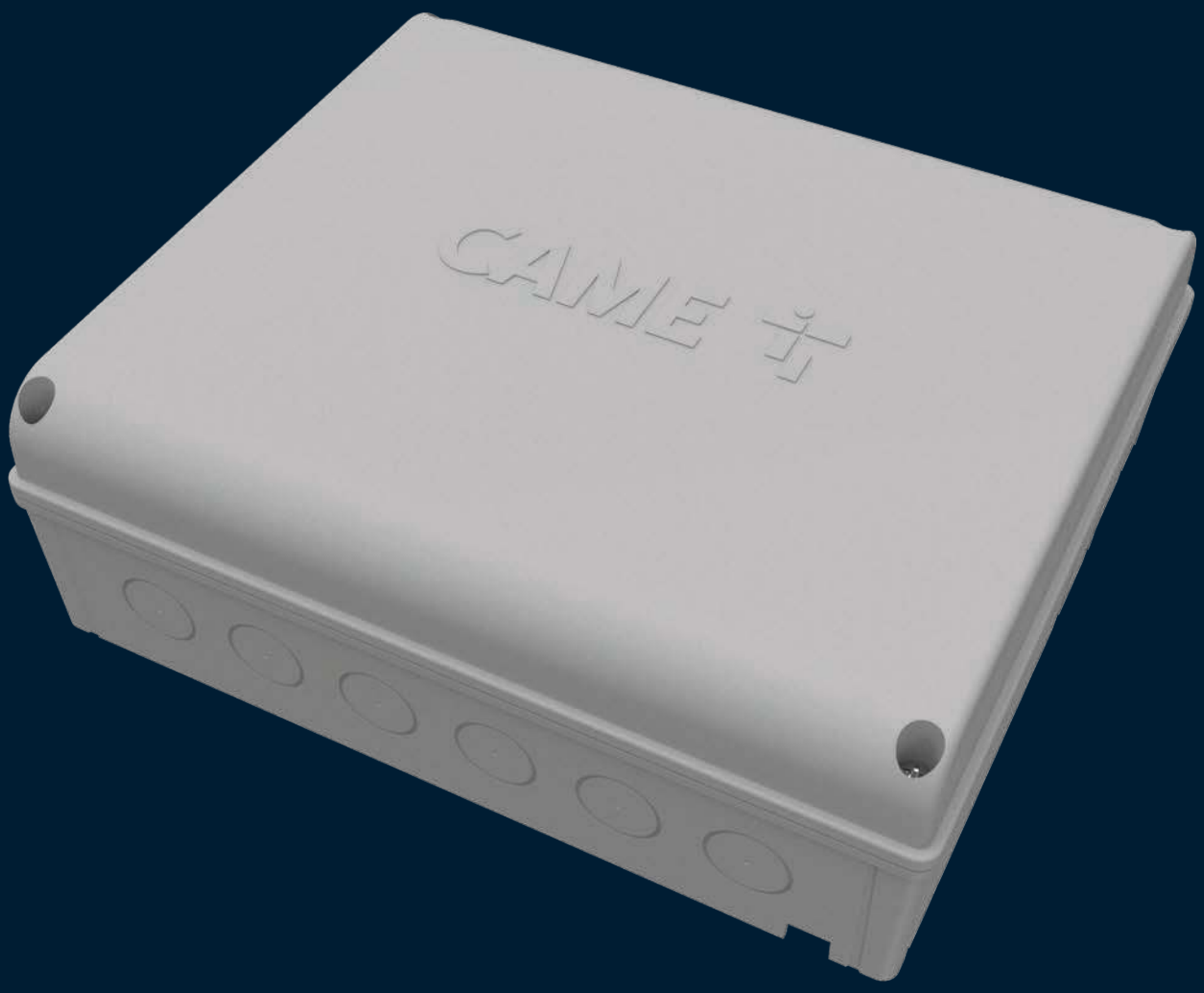


New foundation box



NEWS

ACCESS CONTROL



RBE PLUS

MAX NUMBER OF USERS	MAX NUMBER INPUTS CXN BUS	MAX NUMBER OF AUTOMATIONS
5000	8	4

THE CONTROL PANEL FOR ACCESS CONTROL.

TWO MODELS
With power supply from 120 to 230 V or 24 V.

CONNECTING UP TO 8 CXN BUS ACCESSORIES
Digital keypads, transponders, key selectors.

4 DIGITAL INPUTS
To be used to read states or to control relay outputs and/or CAME automations.

4 OUTPUT RELAYS
With load up to 5 A to be used for direct control of electric locks, lights, or for controlling automations.

CAN STORE UP TO 5000 USERS
Manages radio controls, access codes and badges. Ideal for medium- to large-scale systems.

CONNECTOR FOR GATEWAY
For local setup via CAME KEY or for remote management thanks to CONNECT technology.

QUICK&EASY Access FUNCTION
Allows you to generate a code for each guest that will be valid from the check-in date/time until check-out. The guest will receive an invitation email with the code, which can be used locally at enabled access points or via their smartphone.

MAIN CHARACTERISTICS

- **7-SEGMENT PROGRAMMING DISPLAY**
- **SIMPLE INSTALLATION THANKS TO THE DIN RAIL**
- **CAN MANAGE UP TO 5,000 USERS THROUGH AF43S RADIO FREQUENCY CARDS AT 433,92 MHZ OR AF868 AT 868,35 MHZ**
- **CONNECTION OF UP TO 8 CXN BUS ACCESSORIES THANKS TO THE RCXN ACCESSORY (art. 806XG-0110), PROGRAMMING PASSWORD AND AUTO-DISCOVERY FUNCTION**
- **REMOTE CONTROL WITH CAME CONNECT**
- **TOTAL CONTROL OF EVENTS**
- **CUSTOMIZED TIME SLOT MANAGEMENT**
- **INTEGRATED WITH QUICK&EASY ACCESS FOR TEMPORARY ACCESS MANAGEMENT**

Remote control app



Programming display



Integrated with QUICK&EASY Access



NEWS

CONTROL PANELS



ZLX230

PANEL POWER SUPPLY	VERSIONS	PROTECTION RATING
230 V AC	AVAILABLE IN 3 VERSIONS	IP 54

THE ULTIMATE CONTROL PANEL!

CONNECT TECHNOLOGY
Digital automation management, both locally and remotely.

ADVANCED ELECTRONIC FUNCTIONS
Smarter installation, the ZLX230 series includes DIGITAL TORQUE CONTROL, ENCODER motor management, and INTELLIGENT motion CONTROL.

VARIOUS CONNECTION MODES
Control and safety accessories with CXN BUS technology, RIO wireless system, traditional and resistive inputs.

SIMPLIFIED INSTALLATION AND WIRING
Thanks to innovative mechanical and electronic solutions

COMPATIBLE WITH ALEXA
Voice-controlled automation management.

AVAILABLE IN 3 VERSIONS
Management of all CAME gearmotor series for swing gates with 3 dedicated control panel versions, ZLX230P, ZLX230M e ZLX230S.

MAIN FEATURES OF ZLX230 CONTROL PANELS

- **GRAPHIC PROGRAMMING DISPLAY**
- **MOTORS CONFIGURATION**
- **DIGITAL TORQUE CONTROL (DTC)**
- **SCHEDULED MAINTENANCE**
- **ENCODER MOTOR MANAGEMENT**
- **SMART MOTION CONTROL**
- **COMPATIBLE WITH CAME CONNECT TECHNOLOGY**
- **COMPATIBLE WITH CXN BUS AND RIO SYSTEM 2.0 ACCESSORIES**
- **COMPLIANT WITH REGULATION (EU) 2023/826, FOR ENERGY CONSUMPTION IN OFF, STAND-BY AND NETWORK STAND-BY MODES**

Programming with CAME KEY



Scheduled maintenance



Digital Torque Control (DTC)



EN 12453 European Standards



Standards EN 12453 specify the compliance and safety requirements for automatic closing systems that could come in contact with people.
They define all of the technical solutions for securing users' systems.

THE SYSTEM CAN BE

- **IN PRIVATE AREA (fenced off)**
- **IN A PUBLIC AREA** or bordering with a public area despite being in a private area.

USERS CAN BE

- **TRAINED**

Users are trained when they are instructed on how to user the operator.
Trained users typically work operators fitted on private property.

- **UNTRAINED**



THE COMMAND CAN BE

- **HOLD-TO-RUN CONTROL** (maintained action – man present).

The operator is activated only thanks to automatically resetting buttons or selectors (for example, to activate an operator, you press a button. When the button is released, the operator stops). The operator is in full view of the user.

- **IMPULSE ACTIVATION WITHIN SIGHT OF THE SLIDING GATE.**

The command must be impulse-type and sent from a fixed position from the system can be controlled. The button needn't be self-locking, that is, without automatically resetting button or selector.

- **IMPULSE ACTIVATION OUT OF SIGHT OF THE SLIDING GATE**

Each impulse corresponds to a function (open, close, stop, etc.).

- **AUTOMATIC** (impulses).

Each impulse sent corresponds to a maneuver cycle and not to a single function (open, close).



Safety

THE FRAMEWORKS PRESCRIBED BY EUROPEAN STANDARDS EN 12453

	THE COMMAND		
THE SYSTEM AND THE USER	PRIVATE area TRAINED user	PUBLIC area TRAINED user	UNTRAINED user
Hold-to-run control (man present)	A	B	not possible
Impulse activation within sight of the sliding gate	C	C	C + D
Impulse activation out of sight of the sliding gate	C	C + D	C + D
Automatic operation (e.g., timed automatic closing)	C + D	C + D	C + D

THE SAFETY DEVICES REQUIRED BY EUROPEAN STANDARDS EN 12453

A **Operator present** (with automatically resetting control device).

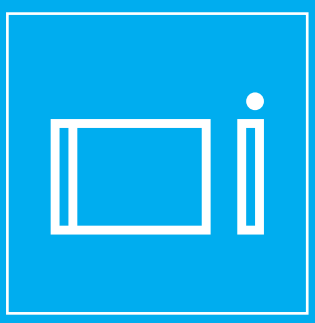
B **Operator present** (with manual resetting of the control device).

C **Mechanical and electronic devices, that is, sensitive safety-edges and encoders respectively.** Check compliance with maximum impact force regulatory standards. These standards are defined in the reference Technical Standards.

D **Infrared-beam photocells** for detecting any obstruction in the operator's range of action.



SLIDING GATE AUTOMATION



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68 BY-3500T
71 CONTROL BOARD FUNCTIONS

SELECTION GUIDE

SLIDING GATE OPERATORS

The table summarizes the series and models with their maximum operating limits according to the weight and length of the gate leaf.

SERIES	MODEL	MAX. WEIGHT PER LEAF (kg) / MAX. LENGTH PER LEAF (m)
BX	801MS-0020	400 / 14
BXV	801MS-0150	400 / 14
BXV (Rapid Version)	801MS-0160	400 / 14
BXV PLUS	801MS-0570	400 / 14
BXV	801MS-0180	600 / 18
BXV (Rapid Version)	801MS-0190	600 / 18
BXV	801MS-0380	600 / 18
BXV PLUS	801MS-0580	600 / 18
BX	801MS-0030	800 / 14
BKX	801MS-0690	800 / 20
BXV	801MS-0210	800 / 20
BK	801MS-0070	800 / 20
BXV	801MS-0230	1000 / 20
BXV (Rapid Version)	801MS-0250	1000 / 20
BXV	801MS-0390	1000 / 20
BXV PLUS	801MS-0590	1000 / 20
BKX	801MS-0700	1200 / 20
BK	801MS-0080	1200 / 20
*BKV	801MS-0300	1500 / 20
*BKV (Plus Version)	801MS-0350	1500 / 20
*BKV	801MS-0520	1500 / 20
BK	801MS-0090	1800 / 20
*BKV	801MS-0310	2000 / 20
*BKV (Plus Version)	801MS-0360	2000 / 20
BK	801MS-0100	2200 / 20
BK	801MS-0120	2200 / 20
BK	801MS-0130	2200 / 23
*BKV	801MS-0320	2500 / 20
*BKV (Plus Version)	801MS-0370	2500 / 20
BY-3500T	BY-3500T	3500 / 23

● 230 V AC ● 24 V DC ● 230 - 400 V AC THREE-PHASE

*CONTINUOUS DUTY





SLIDING GATES
RIGHT OR LEFT OPENING

All CAME sliding gate automations are designed to be installed on either the right or left side of the gate.



PAIRED OPENING

CAME's range of sliding gates lets you install two counterposed gearmotors.



INDUSTRIAL APPLICATION

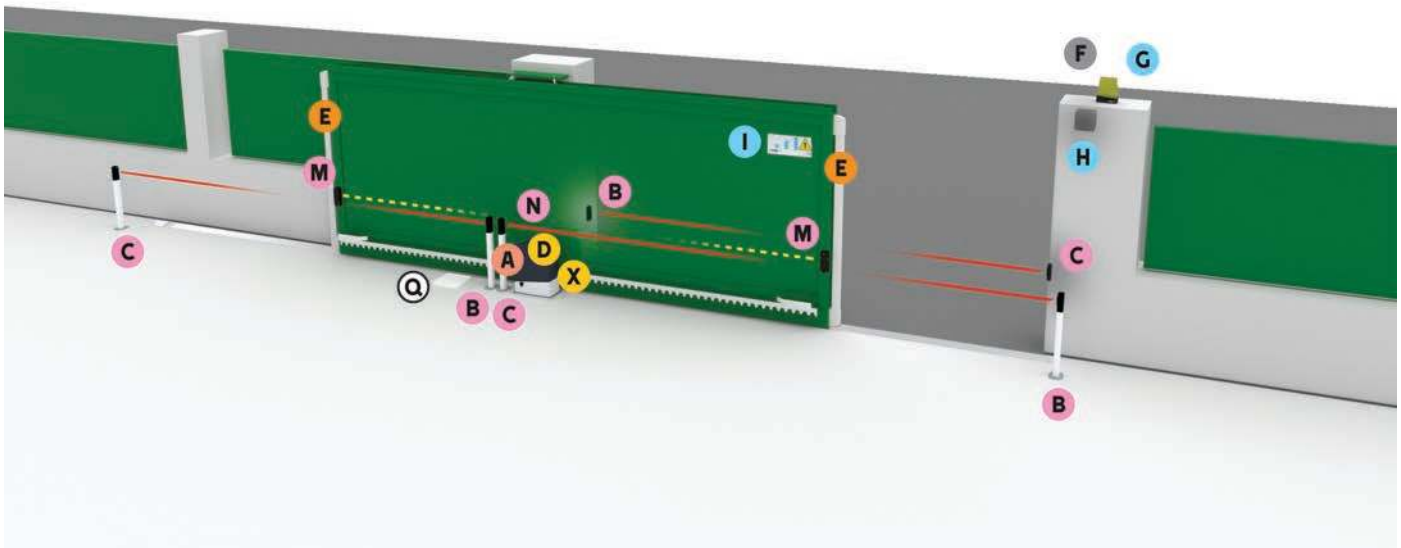
In industrial facilities, where tractor trailers, 18-wheel trucks and forklifts pass through, it is always advisable to fit double-height, infrared beam photocells, to prevent the gate from closing if one of the vehicles stops at the entry/exit point.

THE FLASHING LIGHT FOR MOVEMENT SIGNALING.

CAME has always suggested installing the flashing light as an additional safety feature for the automation system.
The KRX range, with LED technology, combines energy saving and great reliability with easy installation.
KRX can be integrated with all CAME radio systems, is available in various colors, has a built-in radio antenna and each model can be powered from 24 V DC to 230 V AC.



SLIDING GATE



COMPONENTS

- A Automation (with integrated electronic control board) *
- B TX Photocells
- C RX Photocells
- D Board for operation in case of blackout **
- E Sensitive safety-edges
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- I Plaque
- M Wireless TX module for sensitive-edge control
- N Wireless RX photocell for sensitive-edge control
- Q Junction box
- X Radio frequency card

NOTES:
* Excluding 801MS-0130.
** Only for 24 V DC automations.

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



NEW ATI

RELIABILITY REDEFINED.
EVEN FASTER. STILL ATI.

FIND OUT MORE ON PAGE 86

CAME

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BXV

SLIDING GATE AUTOMATION

CONNECT | 24 V | EN TESTED | ENCODER | RIO SYSTEM 2.0 | GREEN POWER

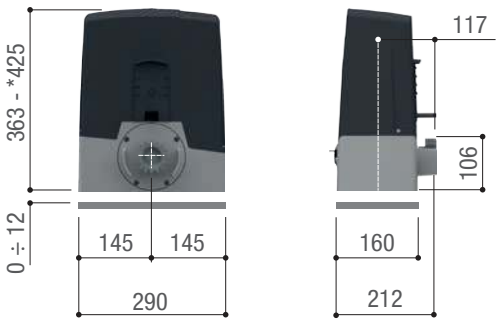
MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 1000 kg	UP TO 20 m	INTENSIVE DUTY



Solution for residential and apartment building installations

- Operator equipped with encoder.
- Set up for operation in case of power outage.
- Ready for installation of magnetic limit switches and heater.
- Control board with terminal blocks, display and storage for up to 250 users.
- Self-diagnosing safety devices.
- Paired connection via RSE accessory.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- 3 different rapid versions available (speed up to 22 m/min).
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



* 801MS-0160 - 801MS-0190 - 801MS-0250

BATTERY TYPE

MODEL	BATTERY TYPE (not supplied)
801MS-0150	2 x 12 V – 1.3 Ah
801MS-0160	2 x 12 V - 5 Ah
801MS-0180	2 x 12 V – 1.3 Ah
801MS-0190	2 x 12 V - 5 Ah
801MS-0210	2 x 12 V – 1.3 Ah
801MS-0230	2 x 12 V – 1.3 Ah
801MS-0250	2 x 12 V - 5 Ah

OPERATIONAL LIMITS

MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0160	801MS-0190	801MS-0250
Max. length of leaf (m)	14	18	20	20	14	18	20
Max. weight of leaf (kg)	400	600	800	1000	400	600	1000
Pinion module	4	4	4	4	4	4	4

TECHNICAL CHARACTERISTICS

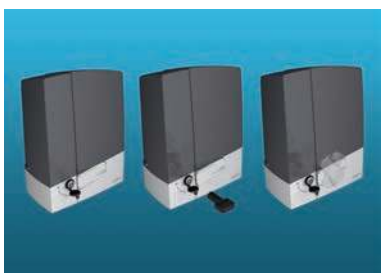
MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0160	801MS-0190	801MS-0250
Protection rating (IP)	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24	24	24	24	24	24	24
Maximum draw (A)	7	11	16	16	10	10	16
Power (W)	170	270	400	400	240	240	360
Manouvering speed (m/min)	12	12	11	11	22	20	20
Cycles/Hour	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY
Thrust (N)	350	600	800	1000	250	330	450
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70

● 24 V DC

CODE	DESCRIPTION	
Complete operators with 24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
801MS-0150	BXV04AGS - Operator with 24 V motor, featuring a control board with display on-board radio decoding, movement and obstruction detection control for sliding gates weighing up to 400 kg that are up to 14-m long. RAL7024-grey cover.	
801MS-0180	BXV06AGS - Operator with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction-detection control for sliding gates weighing up to 600 kg that are up to 18-m long. RAL7024-grey cover.	
Complete operators with 24 V DC gearmotor		
801MS-0210	BXV08AGS - Operator with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction detecting device for sliding gates weighing up to 800 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0230	BXV10AGS - Operator with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction detecting device for sliding gates weighing up to 1,000 kg that are up to 20-m long. RAL7024-grey cover.	
Complete operators with 24 V DC gearmotor - RAPID Version		
801MS-0160	BXV04AGF - Automation with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction detection control for sliding gates weighing up to 400 kg that are up to 14-m long. RAL7024-gray cover. Fast version up to 22 m/min.	
801MS-0190	BXV06AGF - Automation with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction detection control for sliding gates weighing up to 600 kg that are up to 18-m long. RAL7024-gray cover. Fast version up to 20 m/min.	
801MS-0250	BXV10AGF - Automation with 24 V motor, featuring a control board with display, on-board radio decoding, movement and obstruction detection control for sliding gates weighing up to 1000 kg that are up to 20-m long. RAL7024-gray cover. Fast version up to 20 m/min.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
001RSDN001	Pull-cord release device for operators.	
001RSDN002	Magnetic limit-switch system for operators working in critical climatic conditions.	
001RSDN003	Heating system for operators installed in cold areas.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
Accessories for: 001RSDN001		
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	
Accessories		
002RLB	Circuit board for emergency operation and battery charging.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZP	Module 4 rack made of 10 x 10 mm PA6 nylon and steel-core fibre glass for sliding gates measuring up to 600 kg, plus fastening brace.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	



EASY RELEASE!

In emergencies or during power outages, the key-activated release is quick to get to and easy to use.
A convenient handle lets you release the gearmotor to manually open the gate.



WE CONNECT, YOU CONTROL.

The Cloud connection overhauls the way we process information. This technology revolutionizes lifestyles by ensuring comfort and security.
We have put all our CAME Connect products online. In this way we can control them from any smartphone or tablet.
Download the CAME AUTOMATION APP from Google Play or the APP Store.

App Store Google Play



BKX

THE REVOLUTIONARY AUTOMATION FOR SLIDING GATES

FIND OUT MORE ON PAGE 62

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BXV PLUS

SLIDING GATE AUTOMATION

CONNECT | 24 V | EN TESTED | CXN BUS | ENCODER | RIO SYSTEM 2.0

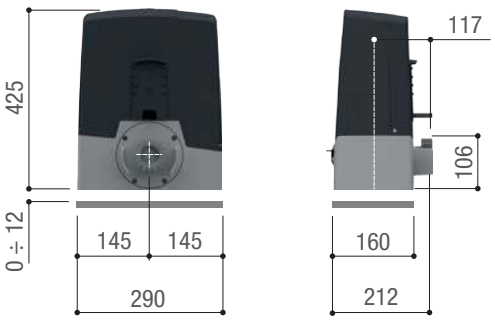
MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 1000 kg	UP TO 20 m	INTENSIVE DUTY



Solution with advanced electronics for industrial installations

- Operator equipped with encoder.
- CXN BUS accessories compatibility.
- Guided configuration with auto-setup.
- Adapative Speed and Torque Technology.
- 4 safety configurable inputs (8k2).
- Built-in Clock function.
- Graphic display and storage for up to 1000 users.
- Optional magnetic limit switches and heater.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

DIMENSIONS (mm)



BATTERY TYPE

MODELS	BATTERY TYPE (not supplied)
801MS-0570	2 x 12 V - 5 Ah
801MS-0580	2 x 12 V - 5 Ah
801MS-0590	2 x 12 V - 5 Ah

OPERATIONAL LIMITS

MODELS	801MS-0570	801MS-0580	801MS-0590
Max. length of leaf (m)	14	18	20
Max. weight of leaf (kg)	400	600	1000
Pinion module	4	4	4

TECHNICAL CHARACTERISTICS

MODELS	801MS-0570	801MS-0580	801MS-0590
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	24	24	24
Maximum draw (A)	7	11	16
Power (W)	170	270	400
Manouvering speed (m/min)	12	12	11
Cycles/Hour	HEAVY-DUTY	HEAVY-DUTY	HEAVY-DUTY
Thrust (N)	350	600	1000
Pinion module	4	4	4
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70

● 24 V DC

THE COMPLETE RANGE

CODE	DESCRIPTION	
Complete operators with 24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
801MS-0570	BXV04AGE - Operator with 24 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, CXN BUS, B1-B2 contact output, on-board radio decoding, movement management and obstacle detection for gates weighing up to 400 kg that are up to 14-m long. RAL7024-grey cover.	
801MS-0580	BXV06AGE - Operator with 24 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, CXN BUS, B1-B2 contact output, on-board radio decoding, movement management and obstacle detection for gates weighing up to 600 kg that are up to 18-m long. RAL7024-grey cover.	
Complete operators with 24 V DC gearmotor		
801MS-0590	BXV10AGE - Operator with 24 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, CXN BUS, B1-B2 contact output, on-board radio decoding, movement management and obstacle detection for gates weighing up to 1000 kg that are up to 20-m long. RAL7024-grey cover.	
CXN BUS interface for automations		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001RSDN001	Pull-cord release device for operators.	
001RSDN002	Magnetic limit-switch system for operators working in critical climatic conditions.	
001RSDN003	Heating system for operators installed in cold areas.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
Accessories for: 001RSDN001		
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	
Accessories		
002RLB	Circuit board for emergency operation and battery charging.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZP	Module 4 rack made of 10 x 10 mm PA6 nylon and steel-core fibre glass for sliding gates measuring up to 600 kg, plus fastening brace.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	

BX

SLIDING GATE AUTOMATION

CONNECT · EN TESTED · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 800 kg	14 m	17 CYCLES/HOUR



Solution for sliding gates in residential settings

- Encoder-based movement control.
- Ready for installation of magnetic limit switches.
- Control board with terminal blocks, display and storage for up to 250 users.
- The safety inputs can be configured to directly control the 8k2Ω resistive sensitive-safety edges.
- Self-diagnosing safety devices.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	801MS-0020	801MS-0030
Max. length of leaf (m)	14	14
Max. weight of leaf (kg)	400	800
Pinion module	4	4

TECHNICAL CHARACTERISTICS

MODELS	801MS-0020	801MS-0030
Protection rating (IP)	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	230 AC	230 AC
Absorption (A)	1,5	2,5
Power (W)	320	520
Manouvering speed (m/min)	10,5	10,5
Cycles/Hour	17	17
Thrust (N)	600	800
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70

● 230 V AC

THE COMPLETE RANGE

CODE	DESCRIPTION	
Operators with 230 V AC gearmotor, tested to be compliant with regulatory standards EN 12453		
801MS-0020	BX704AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding, movement and obstruction detecting device and mechanical limit-switches for sliding gates weighing up to 400 kg that are up to 14-m long. RAL7024-grey cover.	
Complete operators with 230 V C gearmotor		
801MS-0030	BX708AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding, movement and obstruction detecting device and mechanical limit-switches for sliding gates weighing up to 800 kg that are up to 14-m long. RAL7024-grey cover.	
Accessories for: 801MS-0020 - 801MS-0030		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories		
001R001	Lock cylinder with DIN key.	
001B4337	Chain drive device.	
009CCT	Simple 1/2" chain.	
009CGIU	Joint for 1/2" chain.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
801XC-0100	Magnetic limit-switch system for operators working in critical climatic conditions.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZP	Module 4 rack made of 10 x 10 mm PA6 nylon and steel-core fibre glass for sliding gates measuring up to 600 kg, plus fastening brace.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	



DOWNLOAD THE CAME AUTOMATIONBT APP

AutomationBT is CAME's new app for Bluetooth selectors that lets you control your automated operators via smartphone.
Activate the location service, receive alerts and open the gate. The Keyless function lets you even do it automatically.

App Store Google Play

BK

SLIDING GATE AUTOMATION

CONNECT | 400 V | RIO SYSTEM 2.0

MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 2200 kg	UP TO 23 m	UP TO 22 CYCLES/HOUR



Sliding gate solutions for industrial use

- Available with module 4 or 6 pinion.
- Ready for installation of magnetic limit switches.
- Control board with terminal blocks, display and storage for up to 250 users.
- The safety inputs can be configured to directly control the 8k2Ω resistive sensitive-safety edges.
- Self-diagnosing safety devices.
- 230 - 400 V AC three-phase version for 2200 kg model.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	801MS-0070	801MS-0080	801MS-0090	801MS-0100	801MS-0120	801MS-0130
Max. length of leaf (m)	20	20	20	20	20	23
Max. weight of leaf (kg)	800	1200	1800	2200	2200	2200
Pinion module	4	4	4	6	4	6

TECHNICAL CHARACTERISTICS

MODELS	801MS-0070	801MS-0080	801MS-0090	801MS-0100	801MS-0120	801MS-0130
Protection rating (IP)	44	44	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230/400 AC THREE PHASE
Power supply to motor (V)	230	230	230	230	230	230/400
Absorption (A)	4,5	3,3	4,2	5,1	5,1	1,5
Power (W)	520	380	480	580	580	520
Manouvering speed (m/min)	10,5	10,5	10,5	10,5	10,5	10,5
Cycles/Hour	14	14	14	14	22	14
Thrust (N)	800	850	1150	1500	1500	1650
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70

● 230 V AC ● 230 – 400 V AC THREE PHASE

CODE	DESCRIPTION	
Complete operators with 230 V C gearmotor		
801MS-0070 RIO	BKS08AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding and mechanical limit-switches for sliding gates weighing up to 800 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0080 RIO	BKS12AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding and mechanical limit-switches for sliding gates weighing up to 1,200 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0090 RIO	BKS18AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding and mechanical limit-switches for sliding gates weighing up to 1,800 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0100 RIO	BKS22AGS - Operator with 230 V motor, featuring a control board with programming display, on-board radio decoding and mechanical limit-switches for sliding gates weighing up to 2,200 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0120 E RIO	BKS22AGE - Operator with 230 V motor, featuring a control board with programming display, movement and obstruction detecting devices for sliding gates weighing up to 2,200 kg that are up to 20-m long. RAL7024-grey cover.	
230 - 400 V AC three-phase gearmotors		
801MS-0130 T	BKS22TGS - 230 - 400 V Gearmotor for sliding gates weighing up to 2,200 kg that are up to 23-m long.	
230 - 400 V AC three-phase control panels		
002ZT6N T	Control panel with self-diagnosis of safety devices, configurable C1, CX resistive inputs, external soft start management, maximum number of users: 25.	
002ZT6NC T	Control panel complete with safety lock and buttons with self-diagnosis of safety devices, configurable C1, CX resistive inputs, external soft start management, maximum number of users: 25.	
Accessories for: 801MS-0070 - 801MS-0080 - 801MS-0090 - 801MS-0100 - 801MS-0120		
801XC-0100	Magnetic limit-switch system for operators working in critical climatic conditions.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories		
001R001	Lock cylinder with DIN key.	
001B4353	Chain drive device.	
009CCT	Simple 1/2” chain.	
009CGIU	Joint for 1/2” chain.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
009CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	



WE CONNECT, YOU CONTROL.

The Cloud connection overhauls the way we process information.
This technology revolutionizes lifestyles by ensuring comfort and security.
We have put all our CAME Connect products online. In this way we can control them from any smartphone or tablet.
Download the CAME AUTOMATION APP from Google Play or the APP Store.

App Store Google Play

RBE PLUS

THE CONTROL PANEL FOR ACCESS CONTROL

FIND OUT MORE ON PAGE 240



CAME

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BKX

SLIDING GATE AUTOMATION

NEWS · CONNECT · 24 V · CXN BUS · ENCODER · RIO SYSTEM 2.0 · BRUSHLESS · GREEN POWER

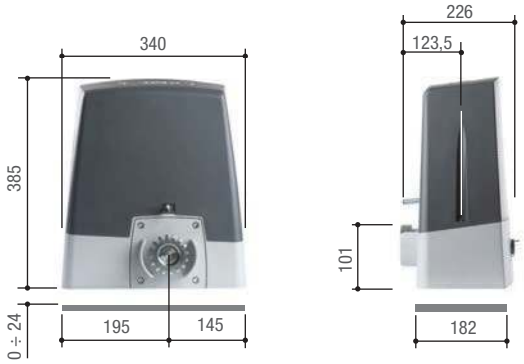
MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 1200 kg	UP TO 20 m	CONTINUOUS



Brushless solution for advanced installations for industrial use

- Designed to deliver high performance and manufactured using innovative materials, it guarantees excellent durability with an MCBF of 250,000 cycles.
- "Adaptive Speed and Torque Technology" to ensure a lasting, constant and smooth speed during movement.
- Control board with terminal blocks, graphic display and storage for up to 1000 users.
- Four safety inputs which can be configured to directly manage the (8k2Ω) resistive sensitive safety-edges.
- User-friendly release lever for manually opening the gate.
- Integrated clock card for management of up to 8 opening and closing operations programs.
- Protection rating against weathering agents (IP54).
- Ready for installation of magnetic limit switches (001RSDN002).
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	801MS-0690	801MS-0700
Max. length of leaf (m)	20	20
Max. weight of leaf (kg)	800	1200
Pinion module	4	4

TECHNICAL CHARACTERISTICS

MODELS	801MS-0690	801MS-0700
Protection rating (IP)	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	24 AC	24 AC
Power (W)	390	360
Manouvering speed (m/min)	24	20
Cycles/Hour with 4 m leaf	CONTINUOUS DUTY	CONTINUOUS DUTY
Cycles/Hour with 10 m leaf	55	38
Thrust (N)	800	800
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70

● 24 V DC

CODE	DESCRIPTION	
Complete automations with 24 V DC brushless operator		
801MS-0690	BKX08AGF - Automation with 24 V Brushless motor with speed up to 24 m/min, Adaptive Speed & Torque Technology, equipped with control board with graphic display, CAME Key ready, CXN BUS, B1 and B2 output, on-board radio decoding, movement management and obstacle detection for gates up to 800 kg and 20 m length. RAL7024-gray cover.	
801MS-0700	BKX12AGM - Automation with 24 V Brushless motor, Adaptive Speed & torque Technology, complete with electronic board with graphic display, CAME Key ready, CXN BUS, second radio channel output B1 and B2, magnetic limit switch, built-in radio decoding, motion management and obstacle detection for gates up to 1200 kg and 20 m in length. Grey cover RAL7024.	
24 V DC Accessories		
801XC-0250	LBNX - Circuit board for blackout operation, battery charging, and energy saving in standby mode.	
Accessories		
801XC-0190	Adapter plate for BK series automations.	
801XC-0200	Adapter plate for BX series automations.	
801XC-0210	Adapter plate for BXV series automations.	
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001RSDN003	Heating system for operators installed in cold areas.	
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
801XC-0220	Remote release system for BKX.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	

BKV

SLIDING GATE AUTOMATION

CONNECT | 36 V | ENCODER | RIO SYSTEM 2.0

MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
UP TO 2500 kg	20 m	CONTINUOUS DUTY



Efficient and advanced sliding gate solutions for industrial use

- "Adaptive Speed and Torque Technology" to ensure a lasting, constant and smooth speed during movement.
- Control board with terminal blocks, graphic display and storage for up to 250 users.
- Four safety inputs which can be configured to directly manage the (8k2Ω) resistive sensitive safety-edges.
- User-friendly release lever for manually opening the gate.
- Set up to fit the 806SA-0120 clock control board for managing up to eight settings for opening and closing maneuvers.
- Protection rating against weathering agents (IP54).
- Ready for installation of magnetic limit switches (001RSDN002).
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	801MS-0300	801MS-0310	801MS-0320	801MS-0350	801MS-0360	801MS-0370	801MS-0520
Max. length of leaf (m)	20	20	20	20	20	20	20
Max. weight of leaf (kg)	1500	2000	2500	1500	2000	2500	1500
Pinion module	4	4	6	4	4	6	4

TECHNICAL CHARACTERISTICS

MODELS	801MS-0300	801MS-0310	801MS-0320	801MS-0350	801MS-0360	801MS-0370	801MS-0520
Protection rating (IP)	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	36	36	36	36	36	36	36
Absorption (A)	8	9	10	8	9	10	10
Maximum draw (A)	20	20	20	20	20	20	20
Power (W)	200	250	300	200	250	300	300
Manouvering speed (m/min)	12	12	12	12	12	12	12
Cycles/Hour	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY
Thrust (N)	800	900	1000	800	900	1000	650
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Storage temperature (°C)	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-

● 36 V DC

CODE	DESCRIPTION	
Complete operators with 36 V DC geared motor		
801MS-0300	BKV15AGS - Operator with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, movement and obstruction detecting device for sliding gates weighing up to 1500 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0310	BKV20AGS - Operator with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, movement and obstruction detecting device for sliding gates weighing up to 2000 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0320	BKV25AGS - Automation with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, movement management/obstruction detection and module 6 pinion for gates weighing up to 2500 kg that are up to 20-m long.	
Complete operators with 36 V DC gearmotor - PLUS Version		
801MS-0350	BKV15AGE - Plus version operator with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, magnetic limit switches and clock accessory included for sliding gates weighing up to 1500 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0360	BKV20AGE - Plus version operator with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, magnetic limit switches and clock accessory included for sliding gates weighing up to 2000 kg that are up to 20-m long. RAL7024-grey cover.	
801MS-0370	BKV25AGE - Plus version operator with 36 V motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, module 6 pinion, magnetic limit switches and clock accessory included for sliding gates weighing up to 2500 kg that are up to 20-m long. RAL7024-grey cover.	
Complete operators with 36 V DC gearmotor - REVERSIBILE Version		
801MS-0520	BKV15AGR - High performance operator with 36 V reversible motor, featuring a control board with graphic display, Adaptive Speed & Torque Technology, 4 safety inputs, movement and obstruction detecting device for gates weighing up to 1500 kg that are up to 20-m long. RAL 7040 grey cover.	



SMOOTH MOVEMENT AND SWIFTNESS IN ANY CONDITIONS

The new BKV series is designed to meet the highest standards in terms of performance at any latitude and in any climate. BKV motors feature state-of-the-art ADAPTIVE TORQUE AND SPEED TECHNOLOGY (AST), that is, an integrated obstruction-detection software that, moment by moment, handles the current absorbed by the geared motor, to ensure the movement is super smooth, while keeping the speed constant according the installation parameters.

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories		
806SA-0090	Circuit board for emergency operation and battery charging.	
Accessories		
801XC-0120	Chain drive device.	
009CCT	Simple 1/2" chain.	
009CGIU	Joint for 1/2" chain.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
806SA-0120	Control card for timer function-control with possibility to set daily/weekly opening and closing maneuvers.	
001RSDN002	Magnetic limit-switch system for operators working in critical climatic conditions.	
Racks		
009CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	
009CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	
009CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	

BY-3500T

SLIDING GATE AUTOMATION

400 V

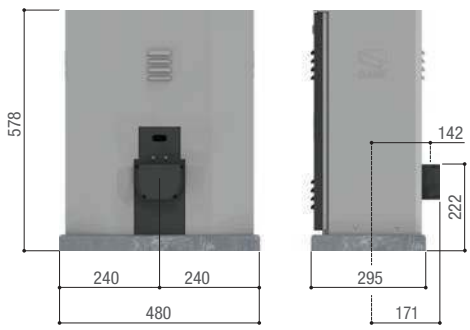
MAX. LEAF WEIGHT	MAX. LEAF LENGTH	USE
3500 kg	23 m	8 CYCLES/HOUR



Special sliding gate solutions for industrial use

- Sturdy mechanics to ensure exceptional performance.
- Self-diagnosing safety devices.
- Ready for the courtesy light management.
- Power supply 230 - 400 V AC Triphase to offer maximum performance.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODEL	BY-3500T
Max. length of leaf (m)	17
Max. weight of leaf (kg)	3500
Pinion module	6

TECHNICAL CHARACTERISTICS

MODEL	BY-3500T
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	400 AC THREE-PHASE
Power supply to motor (V)	400
Maximum draw (A)	8
Power (W)	1000
Manouvering speed (m/min)	10,5
Cycles/Hour	8
Thrust (N)	3500
Operating temperature (°C)	-20 ÷ +55
Storage temperature (°C)	-25 ÷ +70

● 230 – 400 V AC THREE PHASE

THE COMPLETE RANGE

CODE	DESCRIPTION	
Three-phase 230 – 400 V AC operators		
001BY-3500T T	Automation with three-phase 230 - 400 V AC motor, complete with electronic board and mechanical limit switches for sliding gates up to 3500 kg and 23 m in length.	
Racks		
009CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	



CONTROL BOARD FUNCTIONS

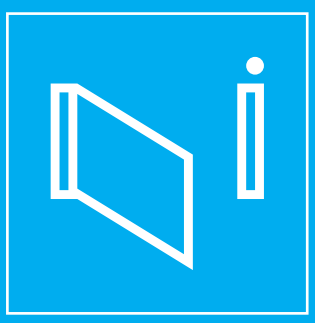
The table shows all of the characteristics of sliding-gate control panels.

MODELS / SERIES	BX	BK	BKV	BXV	BY-3500T BK	BXV Plus	BKX
CONTROL BOARD / CONTROL PANEL	ZBX7N	ZBKN	ZN8	ZN7	ZT6N	ZBC1	ZBB3
SECURITY							
SELF-DIAGNOSING safety decives	●	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●	●	●	●	●
Obstruction WAIT	●	●	●	●		●	●
TOTAL STOP	●	●	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●	●	●
OBSTRUCTION DETECTION in front of photocells	●	●	●	●	●	●	●
ENCODER	●	●	●	●		●	●
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.	●		●	●		●	●
AMPEROMETRIC DETECTION			●	●		●	●
COMMAND							
PARTIAL OPENING 1 leaf	●	●	●	●	●	●	●
OPEN ONLY from transmitter and/or from button	●	●	●	●	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●	●	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●	●	●
CHARACTERISTICS							
FLASHING LIGHT connection	●	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●	●	●	●	●
COURTESY LIGHT connection		●	●				●
Antenna	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●
CLOSED ALERT LIGHT connection	●		●			●	●
Contact output for 2nd RADIO CHANNEL			●			●	●
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs	●		●	●		●	●
EMERGENCY BATTERY operation (optional)			●	●		●	●
MASTER-SLAVE	●	●	●	●		●	●
Adjustable TRAVEL and SLOW-DOWN speeds*	●	●	●	●		●	●
DISPLAY	●	●		●			
Graphic DISPLAY			●			●	●
Electronic brake	●	●			●		
Connection to the solar panel				●			
CAME Connect	●	●	●	●		●	●
Designed to fit RIO System 2.0	●	●	●	●		●	●
CRP control	●	●	●	●		●	●
ENERGY SAVING management control (Green Power module)	●			●			●

● 230 V AC ● 24 - 36 V DC ● 230 – 400 V AC THREE PHASE

NOTES
* For 801MS-0020 - 801MS-0030, only slow-down speed.
** Encoder version only

SWING GATE AUTOMATION



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SELECTION GUIDE

SWING GATE OPERATORS

The table summarizes the series and models with their maximum operating limits only according to the width of the gate leaf.

SERIES	MODELS	MAX. WIDTH OF LEAF (m)	TORQUE (NM)	MAX. THRUST (N)	MAX. C-DISTANCE (mm)
FROG	FROG-AV	1.3	240	-	-
STYLO	STYLO-RME	1.8	100	-	180/200*
STYLO	STYLO-ME	1.8	100	-	180/200*
AXI	801MP-0030	2	-	2000	60
FAST	FA70230CB	2.3	180	-	200/300**
FAST	FA70230	2.3	180	-	200/300**
FAST	FA7024CB	2.3	180	-	200/300**
FAST	FA7024	2.3	180	-	200/300**
FAST	801MB-0100	2.3	180	-	250
AXI	801MP-0040	2.5	-	2000	60
ATS	801MP-0090	3	-	3000	200
ATS	801MP-0110	3	-	3000	200
NEW ATI	801MP-0190	3	-	4000	75
NEW ATI	801MP-0210	3	-	4000	75
ATI	A3000A	3	-	4000	60
ATI	A3100A	3	-	4000	60
ATI	A3024N	3	-	4000	60
ATI	A3000	3	-	4000	60
ATI	A3100	3	-	4000	60
ATI	A3106	3	-	4000	60
ATI	A3006	3	-	4000	60
AXO	AX302304	3	-	4500	70
AXO	AX312304	3	-	4500	70
FROG	FROG-A	3.5	320	-	-
FROG	FROG-AE	3.5	320	-	-
AXO	AX412306	4	-	4500	70
FERNI	FE40230	4	540	-	380
FERNI	FE40230V	4	320	-	380
FERNI	FE4024	4	360	-	380
FERNI	FE4024V	4	360	-	380
FROG-X	801MI-0030	4	300	-	-
ATS	801MP-0060	5	-	3000	200
ATS	801MP-0100	5	-	3000	200
ATS	801MP-0080	5	-	3000	200
AXO	AX5024	5	-	4500	150
ATI	A5000A	5	-	4000	120
ATI	A5100A	5	-	4000	120
ATI	A5024N	5	-	4000	120
ATI	A5000	5	-	4000	120
ATI	A5100	5	-	4000	120
ATI	A5006	5	-	4000	120
ATI	A5106	5	-	4000	120
NEW ATI	801MP-0200	5	-	4000	155
NEW ATI	801MP-0220	5	-	4000	155
FROG PLUS	FROG-PM4	5.5	800	-	-
AXO	AX71230	7	-	4500	150
FROG PLUS	FROG-PM6	7	800	-	-

● 230 V AC ● 24 V DC HEAVY DUTY ● 230 – 400 V AC TRI-PHASE

* with accessory 001STYLO-BD
** with accessory 801XC-0070



SWING GATES
UNDERGROUND OPERATOR

It is practically invisible and does not change the gate's aesthetics.
It does not limit the net clearance width.



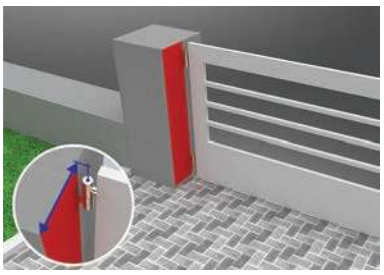
SWING GATES
SURFACE OPERATOR

Simple installation with no setting up.
It is by far the most popular among swing gates.



SWING GATES
HINGED-ARM GEARMOTORS

When the traditional surface-fitted gearmotor cannot be installed due to space limitations, the folding drive arm solves the issue.



MAXIMUM C-DISTANCE
ON SWING GATES

That is the centre-distance between the inner corner of the post and the gate's rotating axis.
The limits to this measurement allow you to pick the most suitable operator for any gate.

Notes

In swing gates, the installation of an electric lock is always recommended to ensure reliable closure of the gates and to protect the gears of the geared motors.

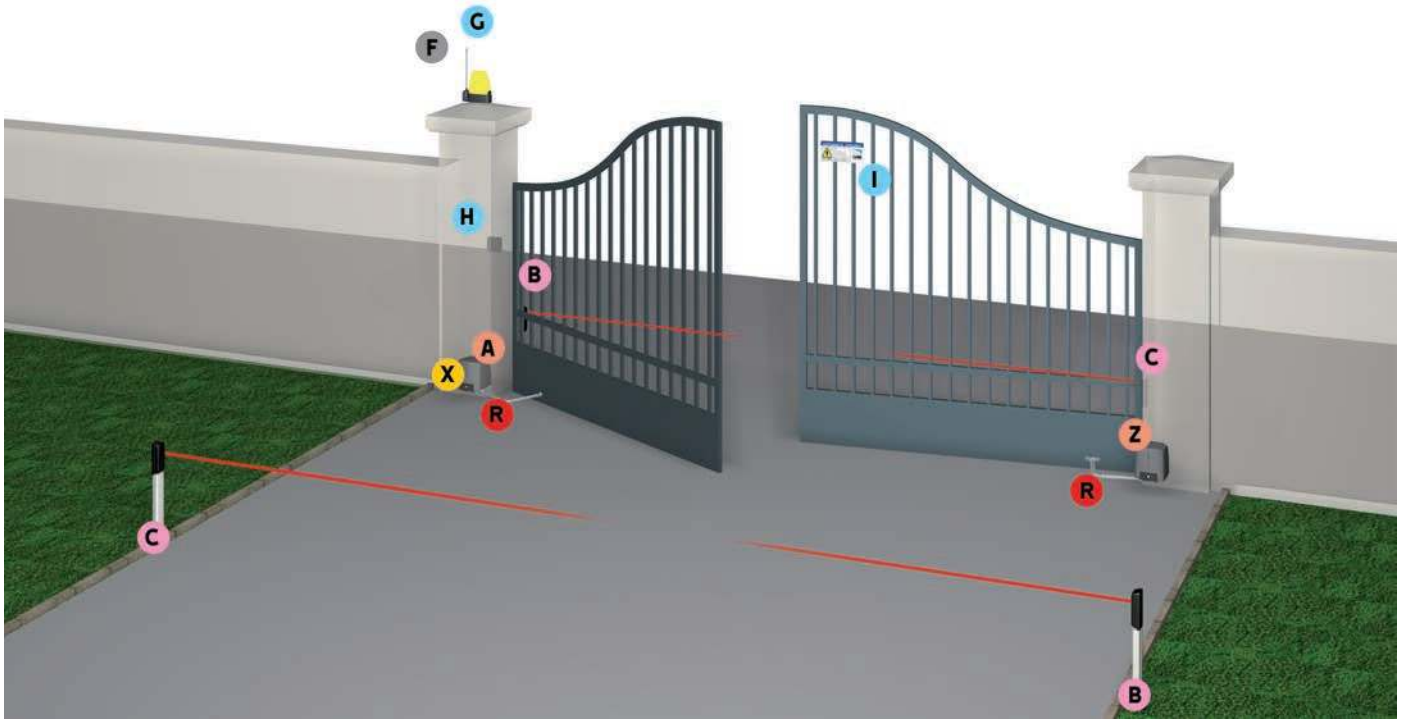
- In the case of irreversible geared motors, it is always recommended, but becomes mandatory with leaves longer than 2.5 m.
- With reversible geared motors, it is necessary to ensure that the sash closes. In the latter case, it is still up to the installer to decide whether to install it, taking into account the size and type of sash (e.g. panelled) and the installation area (e.g. a windy area).

THE FLASHING LIGHT FOR SIGNALLING MOVEMENT.

CAME has always suggested installing the flashing light as an additional safety feature for the automation system.
The KRX range, with LED technology, combines energy saving and great reliability with easy installation.
KRX can be integrated with all CAME radio systems, is available in various colors, has a built-in radio antenna and each model can be powered from 24 V DC to 230 V AC.



SWING GATE WITH POWER ARM



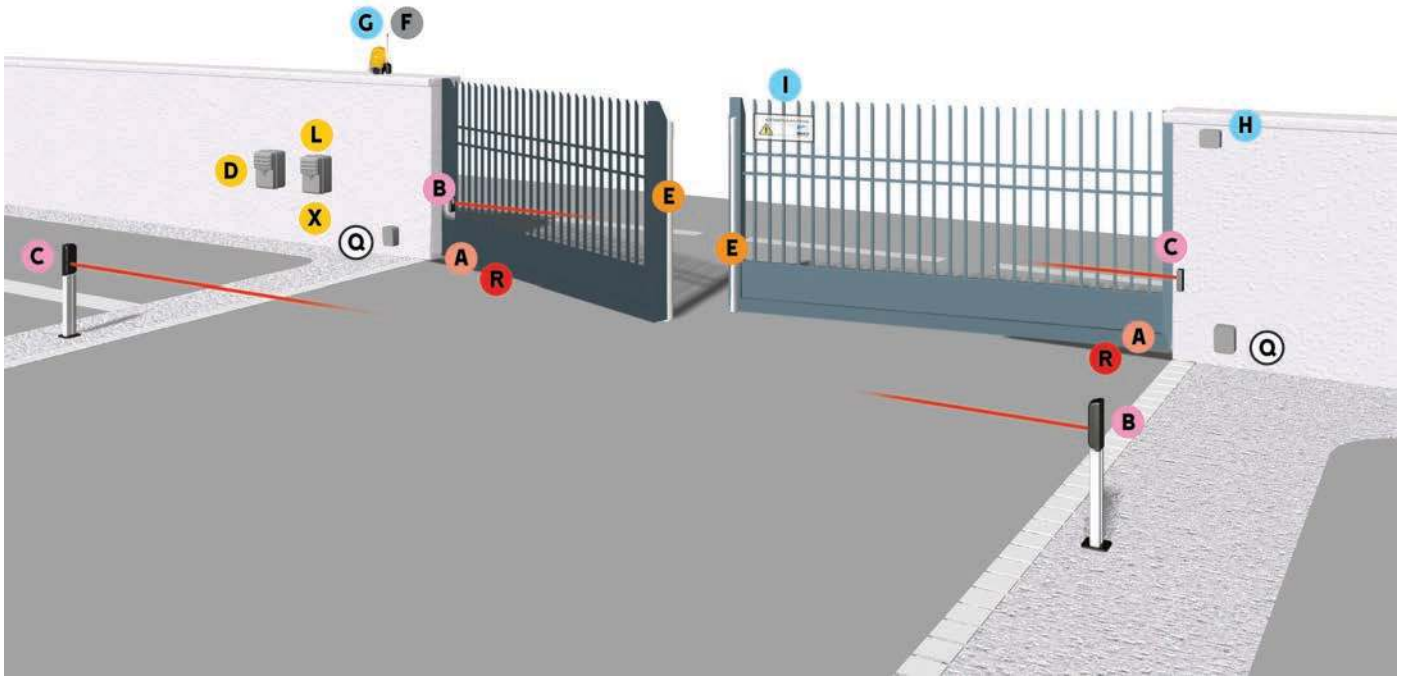
COMPONENTS

- A Operator (gearmotor with control board)
- Z Gearmotor
- B TX Photocells
- C RX Photocells
- F Flashing light
- G Antenna
- H Control switch
  (Key – Code – Card or transponder fob)
- I Plaque
- R Drive levers
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 V AC	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Limit switch micro-switches	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Flashing light 24 V AC - DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 230 V AC	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
TX Photocells	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
RX Photocells	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
Electric Lock 12 V DC	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
Electric Lock 24 V DC	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

- A Gearmotors
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- E Sensitive safety-edges
- F Flashing light
- G Antenna
- H Control switch
  (Key – Code – Card or transponder fob)
- I Plaque
- L Control panel
- Q Junction box (only for the Frog series)
- R Drive levers
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Electric Lock 12 V DC	2 x 1 mm²	2 x 1 mm²	2 x 1.5 mm²
Electric Lock 24 V DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

ATS

SWING GATE AUTOMATION

CONNECT · 24 V · EN TESTED · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

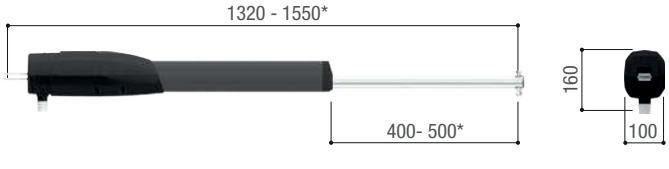
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 5 m	UP TO 800 kg	CONTINUOUS DUTY	200 mm

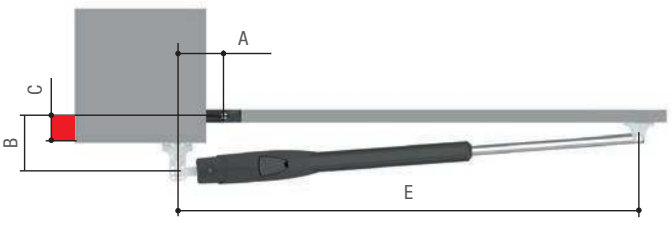


Solution for applying in private homes and apartment buildings, on posts with C Max. up to 200 mm

- Designed for applications with C Max. up to 200 mm.
- Sturdy and durable with die-cast aluminium supporting structure.
- Reducer with bevel gear for greater fluidity of movement.
- Release system, with the possibility of remote control.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





*801MP-0060 · 801MP-0080

OPERATIONAL LIMITS

MODELS	801MP-0050 · 801MP-0070 · 801MP-0090 · 801MP-0110			
Max. length of leaf (m)	3	2,5	2	
Max. weight of leaf (kg)	400	600	800	
Max. leaf opening (°)	120			

MODELS	801MP-0060 · 801MP-0080 · 801MP-0100				
Max. length of leaf (m)	5	4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)	120				

APPLICATION DIMENSIONS (mm)

ARTICULATED ARM	801MP-0050 · 801MP-0070 · 801MP-0090 · 801MP-0110			
LEAF OPENING (°)	A	B	E	C Max.
90	130	130	960	50
90	150	220	915	150
90	120	270	900	200
120	180	130	915	50

ARTICULATED ARM	801MP-0060 · 801MP-0080 · 801MP-0100			
LEAF OPENING (°)	A	B	E	C Max.
90	200	200	1030	150
90	200	270	1020	200
120	200	140	1040	70

TECHNICAL CHARACTERISTICS

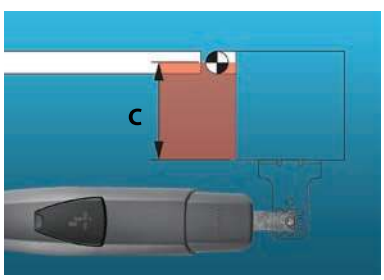
MODELS	801MP-0050	801MP-0060	801MP-0090	801MP-0100	801MP-0070	801MP-0080	801MP-0110
Protection rating (IP)	54	54	54	54	54	54	54
Power supply to motor (V)	230 AC	230 AC	230 AC	230 AC	24 DC	24 DC	24 DC
Absorption (A)	1	1	1	1	8 MAX	8 MAX	8 MAX
Power (W)	250	250	250	250	80	80	80
Maneuvering time at 90° (s)	15	20	15	20	15 ÷ 30	15 ÷ 30	15 ÷ 30
Cycles/Hour	20	20	20	20	CONTINUOUS DUTY	CONTINUOUS DUTY	CONTINUOUS DUTY
Thrust (N)	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	-	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC Gearmotors		
801MP-0050	ATS30AGS - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	
801MP-0060	ATS50AGS - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm with up to 5 m leaves that weighs up to 400 kg. RAL7024 gray color.	
801MP-0090	ATS30AGR - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm, ready for remote release, with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	
801MP-0100	ATS50AGR - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm, ready for remote release, with up to 5 m leaves that weighs up to 400 kg. RAL7024-gray color.	
Control panels for 230 V AC gearmotors		
801QA-0110	ZLX230P - Multifunctional control panel basic version, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, 2 safety inputs and storage for up to 250 users.	
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
24 V DC gearmotors		
801MP-0070	ATS30DGS - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	
801MP-0080	ATS50DGS - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm with up to 5 m leaves that weighs up to 400 kg. RAL7024-gray color.	
801MP-0110	ATS30DGR - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm, ready for remote release, with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	
Control panels for 24 V gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
002ZL65	ZL65 - Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801MP-0090 - 801MP-0100 - 801MP-0110		
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	
Accessories for: 002ZL65 - 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
BUS accessory management module for: 801QA-0110		
806XG-0110	RCXN - Module for managing CXN BUS accessories.	
Accessories		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	



C MAX. DIMENSION UP TO 200 mm

ATS is the universal solution, ideal for both small or large residential settings.
It is a very versatile operator and thanks to the telescopic extension it is able to adapt perfectly to posts of different depths.



EASY MANUAL RELEASE

In case of need it is possible to unlock the motor to open or close the gate leaf manually.
A single gesture is sufficient to unlock ATS. The pin to be operated is protected by a flap that simply opens with a finger.
The new tri-lobe key also has a completely new design, for greater ergonomics.



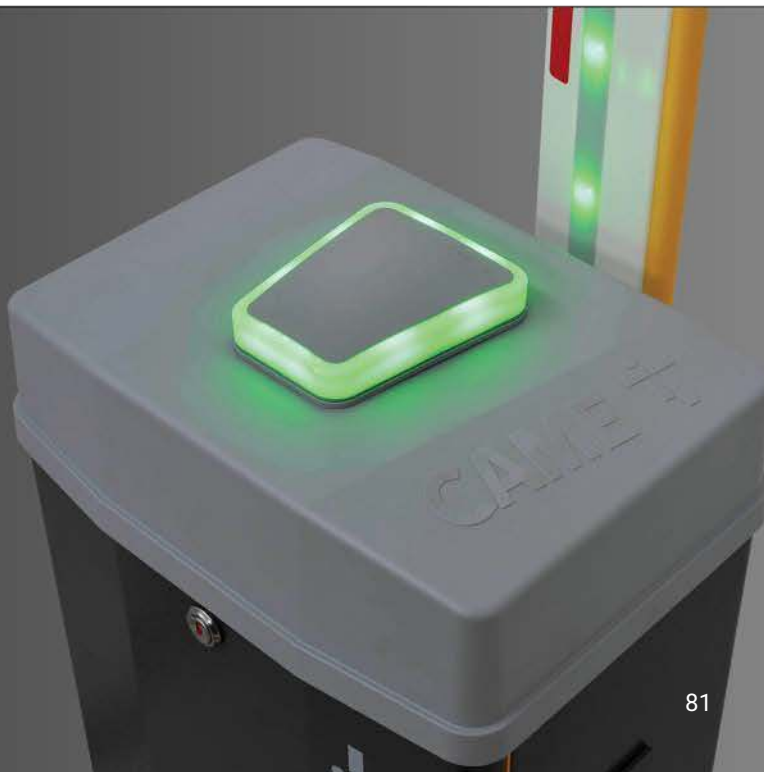
KLT

THE FLASHING LIGHT FOR BARRIERS AND GARAGE DOORS

DISCOVER MORE ON PAGE 228

CAME

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AXI

SWING GATE AUTOMATION

CONNECT · 24 V · EN TESTED · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

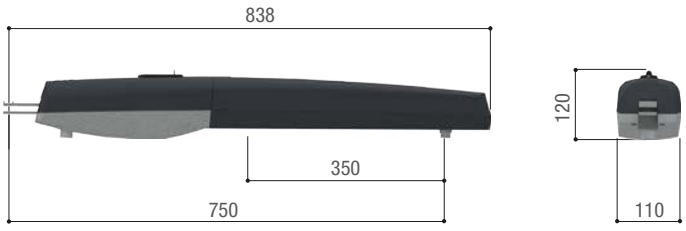
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 2.5 m	UP TO 250 kg	50%	60 mm

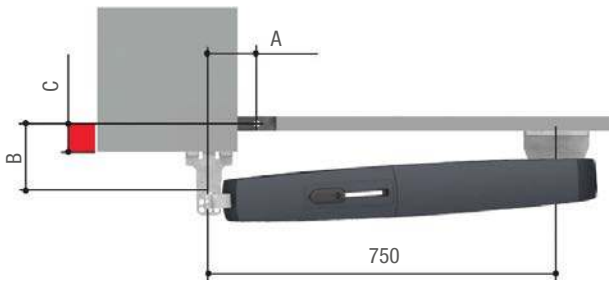


Solution for residential and apartment building installations

- Gearmotor with bevel gear for greater fluidity of movement.
- Integrated, adjustable mechanical limit switches.
- Simplified connections and one, three-conductor cable.
- Control board with terminal blocks, display and storage for up to 250 users.
- Self-diagnosing safety devices.
- Set up for operation in case of power outage.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





OPERATIONAL LIMITS

MODELS	801MP-0030	
Max. length of leaf (m)	1,5	2
Max. weight of leaf (kg)	250	200
Max. leaf opening (°)	115	

MODELS	801MP-0040	
Max. length of leaf (m)	1,80	2,5
Max. weight of leaf (kg)	300	250
Max. leaf opening (°)	115	

APPLICATION DIMENSIONS (mm)

ARTICULATED ARM	801MP-0030 · 801MP-0040		
LEAF OPENING (°)	A	B	C Max.
90	130	110 ÷ 170	60
115	150	110 ÷ 160	50

TECHNICAL CHARACTERISTICS

MODELS	801MP-0030	801MP-0040
Protection rating (IP)	44	44
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	5 Max.	5 Max.
Power (W)	120	120
Maneuvering time at 90° (s)	15*	15*
Duty/cycle (%)	50	50
Thrust (N)	400 ÷ 2000	400 ÷ 2000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

* Suggested minimum value with maximum travel speed and minimum slow-down speed.

● 24 V DC

CODE	DESCRIPTION	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
801MP-0030	AXI20DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-gray color.	
801MP-0040	AXI25DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2.5 m leaves that weighs up to 250 kg. RAL7024-gray color.	
Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453		
002ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001RSWN001	Pull-cord remote release device for operators.	
Accessories for: 001RSWN001		
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	
Accessories for: 002ZL65 - 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
Accessories for: 002ZL65		
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	

NOTES:
002RLB - No. 2 12 V – 1.3 Ah batteries, not supplied.



WE CONNECT. YOU CONTROL.

Cloud connectivity changes how we experience operators. This technology revamps our lifestyles, to ensure comfort and safety. CAME CONNECT make all our products available on the web where you can manage and control them from smartphones and tablets. Download CAME AUTOMATION APP from Google play or App Store.

App Store Google Play

AXO

SWING GATE AUTOMATION

CONNECT · 24 V · EN TESTED · CXN BUS · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 7 m	UP TO 1000 kg	HEAVY-DUTY	150 mm

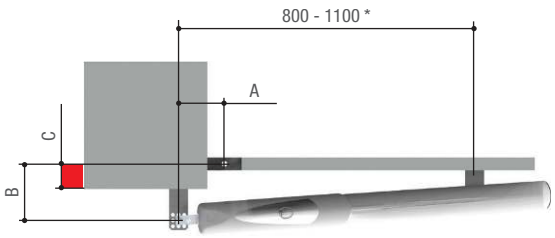


High-performance solution for residential and apartment building applications

- Motor and encoder management with three-wire cable in 24 V DC versions.
- Supporting structure in die-cast aluminium.
- Ready for operation in case of power outage in the 24 V DC versions.
- Integrated, adjustable mechanical limit switches.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





* 001AX5024 · 001AX71230

OPERATIONAL LIMITS

MODELS			AX302304 · AX312304 · AX3024				
Max. width of leaf (m)				3	2,5	2	
Max. weight of leaf (kg)				500	600	800	
MODELS			AX402306 · AX412306				
Max. width of leaf (m)			4	3	2,5	2	
Max. weight of leaf (kg)			300	500	600	800	
MODELS			AX5024				
Max. width of leaf (m)		5	4	3	2,5	2	
Max. weight of leaf (kg)		400	500	700	800	1000	
MODELS			AX71230				
Max. width of leaf (m)	7	6	5	4	3	2,5	2
Max. weight of leaf (kg)	300	350	400	500	700	800	1000
Max. leaf opening (°)				120			

APPLICATION DIMENSIONS (mm)

MODELS	AX302304 · AX312304 · AX402306 · AX412306 · AX3024		
LEAF OPENING (°)	A	B	C Max.
90	130	130	70
120	140	100	50

MODELS	AX5024 · AX71230		
LEAF OPENING (°)	A	B	C Max.
90	200	220	150
120	220	220	100

NOTES:
Leaves longer than 5 m should not be paneled.
In reversible versions, in case of strong winds when the gate is open, the gate leaf could close.

TECHNICAL CHARACTERISTICS

MODELS	AX3024	AX302304	AX312304	AX402306	AX412306	AX5024	AX71230
Protection rating (IP)	44	44	44	44	44	44	44
Power supply (V - 50/60 Hz)	-	230 AC	230 AC	230 AC	230 AC	-	230 AC
Power supply to motor (V)	24 DC	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	230 AC 50/60 Hz
Absorption (A)	10 Max.	1,5	1,5	1,5	1,5	10 Max.	1,5
Power (W)	120	175	175	175	175	120	175
Maneuvering time at 90° (s)	ADJUSTABLE	20	20	28	28	ADJUSTABLE	40
Duty/cycle (%)	HEAVY-DUTY	50	50	30	30	HEAVY-DUTY	30
Thrust (N)	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	-	150	150	150	150	-	150

● 230 V AC ● 24 V DC

THE COMPLETE RANGE

CAME

CODE	DESCRIPTION	
230 V AC gearmotors tested to be compliant with regulatory standards EN 12453		
001AX302304	Irreversible 230 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.	
001AX312304	Reversible 230 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.	
001AX402306	Irreversible 230 V gearmotor with encoder for swing gates with up to 4 m leaves that weighs up to 300 kg.	
001AX412306	Reversible 230 V gearmotor with encoder for swing gates with up to 4 m leaves that weighs up to 300 kg.	
230 V AC Gearmotors		
001AX71230	Reversible 230 V gearmotor with encoder for swing gates with up to 7 m leaves that weighs up to 300 kg.	
Control panels for 230 V AC gearmotors		
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001AX3024	Irreversible 24 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.	
001AX5024	Irreversible 24 V gearmotor with encoder for swing gates with up to 5 m leaves that weighs up to 400 kg.	
Control panels for 24 V gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	

NEW ATI

SWING GATE OPERATORS

NEWS · CONNECT · 24 V · EN TESTED · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 5 m	UP TO 1000 kg	INTENSIVE DUTY	155 mm

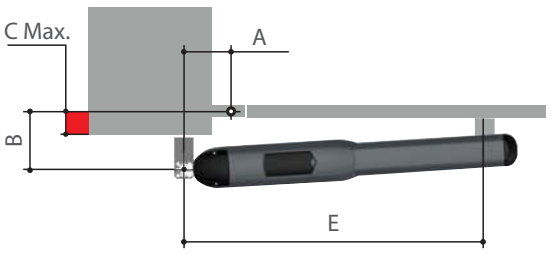


Solution for applications in private homes and apartment buildings

- Fast opening in up to 13 seconds for 90°, with encoder technology.
- The 24 V DC versions offer a simplified three-wire connection for motor and encoder.
- Irreversible planetary gearmotor with thrust up to 4000 N.
- Modern design with die-cast aluminum case and integrated mechanical stops.
- Sturdy, pre-welded rear mounting brackets for easier motor installation.
- Unlocking system with trilobe key or remote unlocking system available as an optional.
- Battery operation system in case of power failure, on 24 V DC versions.
- Developed with CONNECT technology for remote management via gateway or CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





* 801MP-0200 - 801MP-0220

OPERATIONAL LIMITS

MODELS	801MP-0190 · 801MP-0210				
Max. width of leaf (m)			3	2,5	2
Max. weight of leaf (kg)			400	600	800
Max. leaf opening (°)				120	

MODELS	801MP-0200 · 801MP-0220				
Max. width of leaf (m)	*5	*4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)			120		

NOTES: * It is obligatory to fit an electric lock on the gate leaf.

APPLICATION DIMENSIONS (mm)

MODELS	801MP-0190 · 801MP-0210
E	C Max.
720	75

MODELS	801MP-0200 · 801MP-0220
E	C Max.
920	155

NOTES:
Refer to the diagram in the manual to determine the dimensions of A and B and the best fixing position.

TECHNICAL CHARACTERISTICS

MODELS	801MP-0190	801MP-0200	801MP-0210	801MP-0220
Protection rating (IP)	54	54	54	54
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,1	1,1	8	8
Power (W)	220	220	100	100
Maneuvering time at 90° (s)	13	19	13	19
Cycles/Hour at 20 °C	32	23	CONTINUOUS DUTY	CONTINUOUS DUTY
Thrust (N)	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC Gearmotors		
801MP-0190	ATI30AGF - 230 V irreversible gearmotor with encoder for swing gates with leaf up to 3 m or 800 kg in weight. Equipped with mechanical opening and closing stop. Colour grey RAL7024. Fast version up to 13 s/90°.	
801MP-0200	ATI50AGF - 230 V irreversible gearmotor with encoder for swing gates with leaf up to 5 m or 1000 kg in weight. Equipped with mechanical opening and closing stop. Colour grey RAL7024. Fast version up to 19 s/90°.	
Control panels for 230 V AC gearmotors		
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
24 V DC gearmotors		
801MP-0210	ATI30DGF - 24 V irreversible gearmotor with encoder for swing gates with leaf up to 3 m or 800 kg in weight. Equipped with mechanical opening and closing stop. Colour grey RAL7024. Fast version up to 13 s/90°.	
801MP-0220	ATI50DGF - 24 V irreversible gearmotor with encoder for swing gates with leaf up to 5 m or 1000 kg in weight. Equipped with mechanical opening and closing stop. Colour grey RAL7024. Fast version up to 19 s/90°.	
Control panels for 24 V DC gearmotors		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
002ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001D001	Lock cylinder with DIN key.	
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	

ATI

SWING GATE AUTOMATION

CONNECT · 24 V · EN TESTED · CXN BUS · RIO SYSTEM 2.0 · GREEN POWER

MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 5 m	UP TO 1000 kg	INTENSIVE DUTY	120 mm

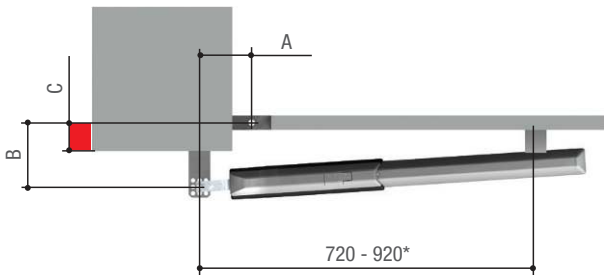


Solution for applications in private homes and apartment buildings

- Irreversible gearmotor.
- Amperometric obstruction detection.
- Ready for operation in case of power outage in the 24 V DC versions.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





* 001A5000 · 001A5024N

OPERATIONAL LIMITS

MODELS	A3000 · A3000A · A3024N			
Max. width of leaf (m)		3	2,5	2
Max. weight of leaf (kg)		400	600	800
Max. leaf opening (°)			120	

MODELS	A5000 · A5000A · A5024N				
Max. width of leaf (m)	*5	*4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)			120		

NOTES: * It is obligatory to fit an electric lock on the gate leaf.

APPLICATION DIMENSIONS (mm)

MODELS	A3000 · A3000A · A3024N		
LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50

MODELS	A5000 · A5000A · A5024N		
LEAF OPENING (°)	A	B	C Max.
90	200	200	120
120	200	140	70

TECHNICAL CHARACTERISTICS

MODELS	A3000	A3000A	A5000	A5000A	A3024N	A5024N
Protection rating (IP)	44	44	44	44	44	44
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,2	1,2	1,2	1,2	10 Max.	10 Max.
Power (W)	260	260	260	260	120	120
Maneuvering time at 90° (s)	19 ÷ 25	19 ÷ 25	30 ÷ 40	30 ÷ 40	ADJUSTABLE	ADJUSTABLE
Cycles/Hour	24	24	15	15	HEAVY-DUTY	HEAVY-DUTY
Thrust (N)	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000	400 ÷ 4000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC Gearmotors		
001A3000	Irreversible 230 V gearmotor for swing gates with opening limit-switch, micro-switches with up to 3 m leaves that weighs up to 400 kg.	
001A3000A	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 3 m leaves that weighs up to 400 kg.	
001A5000	Irreversible 230 V gearmotor with opening limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.	
001A5000A	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.	
Control panels for 230 V AC gearmotors		
801QA-0110	ZLX230P - Multifunctional control panel basic version, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, 2 safety inputs and storage for up to 250 users.	
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
24 V DC gearmotors		
001A3024N	Irreversible 24 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.	
001A5024N	Irreversible 24 V gearmotor with opening limit-switch micro-switch and closing micro-switch for swing gates with up to 5 m leaves that weighs up to 400 kg.	
Control panels for 24 V DC gearmotors		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
002ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001D001	Lock cylinder with DIN key.	
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	

TTS

REFINED AND ELEGANT DUAL FREQUENCY FIXED CODE AND ROLLING CODE

FIND OUT MORE ON PAGE 212



CAME

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STYLO

SWING GATE AUTOMATION

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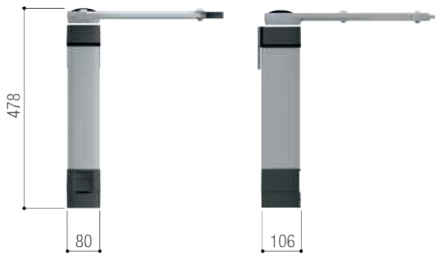
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 1.8 m	UP TO 150 kg	INTENSIVE USE	200 mm

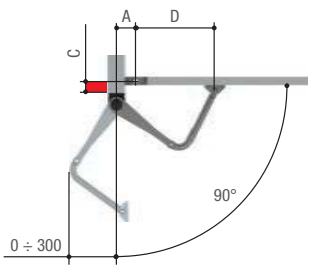


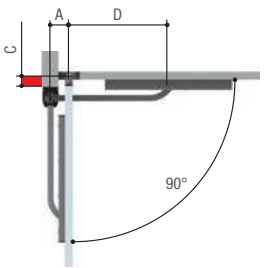
Solution for fitting on narrow posts

- For installations on posts with a minimum width of 8 cm.
- Encoder-based movement control.
- Reversible or irreversible gearmotor
- They can also be installed close to a wall with the STYLO-BD accessory.
- Set up for operation in case of power outage.
- Custom-key release system.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)







OPERATIONAL LIMITS

MODELS	STYLO-ME · STYLO-RME		
Max. width of leaf (m)	1,8	1,2	0,8
Max. weight of leaf (kg)	100	125	150
Max. leaf opening (°)	120 (with STYLO-BS arm) - 135 (with STYLO-BD arm)		

APPLICATION DIMENSIONS (mm)

ARTICULATED ARM		STYLO-BS	
LEAF OPENING (°)	A	D	C Max.
90	90	450	0
90	90	450	180
90	130	450	180
120	170	450	0
STRAIGHT ARM		STYLO-BD	
LEAF OPENING (°)	A	D	C Max.
90	90	400	200
90	230	300	180
135	230	300	0

TECHNICAL CHARACTERISTICS

MODELS	STYLO-ME	STYLO-RME
Protection rating (IP)	54	54
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	5 Max.	5 Max.
Power (W)	48	48
Maneuvering time at 90° (s)	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	HEAVY-DUTY	HEAVY-DUTY
Torque (Nm)	100	100
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

● 24 V DC

CODE	DESCRIPTION	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001STYLO-ME	Irreversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.	
001STYLO-RME	Reversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.	
Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001STYLO-BS	Folding drive arm.	
001STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	
Accessories for: 001STYLO-RME		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	

FAST

SWING GATE AUTOMATION

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MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C-MAX. DIMENSION
UP TO 2.3 m	UP TO 300 kg	30%	300 mm

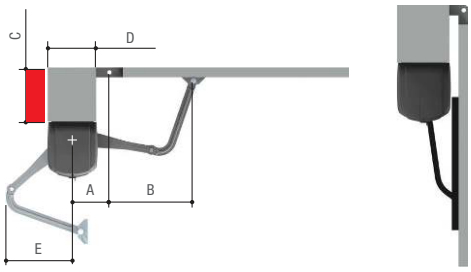


Solution for applications in private homes and apartment buildings, on medium and large-sized gate posts

- Control board with terminal blocks, dip switches and storage for up to 1000 users.
- Set up for operation in case of power outage.
- Self-diagnosing safety devices.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





APPLICATION DIMENSIONS (mm)

MODELS	FA70230CB · FA70230 · FA7024CB · FA7024					801MB-0090 · 801MB-0100				
LEAF OPENING (°)	A	B	D	E	C Max.	A	B	D	E	C Max.
90	140	420 (490*)	Min. 200	260 (350*)	200 (300*)	140	490	Min. 200	410	300
90	160	380 (460*)	Min. 220	240 (320*)	200 (300*)	160	460	Min. 220	410	300
90	180	380 (460*)	Min. 240	240 (320*)	200 (300*)	180	460	Min. 240	410	300
110	220	380 (450*)	Min. 280	310 (400*)	50	220	470	Min. 280	410	50
110	240	380 (450*)	Min. 300	310 (400*)	50	240	470	Min. 300	410	50

* with item 801XC-0070

OPERATIONAL LIMITS

MODELS	FA70230CB · FA70230 · FA7024CB · FA7024 · 801MB-0090 · 801MB-0100			
Max. width of leaf (m)	2,3	2	1,5	1
Max. weight of leaf (kg)	200	215	250	300
Max. leaf opening (°)	110			

TECHNICAL CHARACTERISTICS

MODELS	FA70230	FA70230CB	FA7024	FA7024CB	801MB-0090	801MB-0100
Protection rating (IP)	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	-	230	230	-
Power supply to motor (V)	230 AC	230 AC	24	24	24	24
Absorption (A)	1,4	1,4	-	-	-	-
Power (W)	160	160	140	140	140	140
Maneuvering time at 90° (s)	15	15	13 ÷ 30	13 ÷ 30	13 ÷ 30	13 ÷ 30
Duty/cycle (%)	30	30	-	-	-	-
Cycles/Hour	-	-	65	65	65	65
Torque (Nm)	180	180	180	180	180	180
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-	-	-	-20 ÷ +55
Motor's heat protection (°C)	150	150	-	-	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC automated operators		
001FA70230CB	Irreversible 230 V gearmotor featuring a control board and hinged transmission arm with C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.	
230 V AC Gearmotors		
001FA70230	Irreversible 230 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	
230 V AC control boards tested according to EN 12453 standards		
801QA-0110	ZLX230P - Multifunctional control panel basic version, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, 2 safety inputs and storage for up to 250 users.	
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
Automated operators running on 24 V DC with max. C-distance of 200 mm tested in compliance with standards EN 12453		
001FA7024CB	Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 200 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	
Gearmotors running on 24 V DC with max. C-distance of 200 mm tested in compliance with standards EN 12453		
001FA7024	Irreversible 24 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	
24 V DC automation with max. C-distance of 300 mm tested in compliance with standards EN 12453		
801MB-0090	FST23DLC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 300 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	
Gearmotors running on 24 V DC with max. C-distance of 300 mm tested in compliance with standards EN 12453		
801MB-0100	FST23DLS - Irreversible 24 V gearmotor with hinged transmission arm and C Max. 300 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	
Control panels running on 24 V DC tested in compliance with standards EN 12453		
002ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for: 001FA70230 - 001FA70230CB - 001FA7024 - 001FA7024CB		
801XC-0070	Hinged arm for increasing to 300 mm the maximum C-distance.	
Accessories for: 002ZL65		
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
Accessories for: 002ZL65 - 801QA-0050 - 801QA-0060		
002RLB 24	Circuit board for emergency operation and battery charging.	
Accessories for: 002RLB		
001LBF70	Batteries brace kit.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080 CXN	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
BUS accessory management module for: 801QA-0110		
806XG-0110 CXN	RCXN - Module for managing CXN BUS accessories.	
Accessories		
001STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	

NOTES:
002RLB - Two 12 V - 3.4 Ah batteries - not supplied - on the 001FA7024 the internal housing is included.



ATS

THE UNIVERSAL TELESCOPIC MOTOR FOR SWING GATES

FIND OUT MORE ON PAGE 78



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FERNI

SWING GATE AUTOMATION

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MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	C MAX.
UP TO 4 m	UP TO 800 kg	HEAVY-DUTY	380 mm



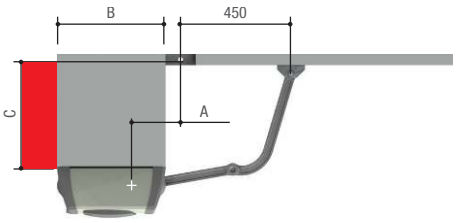
High performance solution for applications on large-sized gate posts

- Encoder-based movement control.
- Solid anodized aluminium cover.
- Straight transmission arms for applications in limited space (item 001FERNI-BDX - 001FERNI-BSX).
- Lever release system protected by key.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)







OPERATIONAL LIMITS

MODELS	FE40230 · FE40230V · FE4024 · FE4024V				
Max. width of leaf (m)	4	3.5	3	2.5	2
Max. weight of leaf (kg)	400	450	500	600	800
Max. leaf opening (°)			120		

MODELS	FE4024 (with the 001FERNI-BDX and 001FERNI-BSX drive arm)		
Max. width of leaf (m)	2,5	2	1,5
Max. weight of leaf (kg)	300	500	500
Max. leaf opening (°)		120	

APPLICATION DIMENSIONS (mm)

MODELS	FE40230 · FE40230V · FE4024 · FE4024V		
LEAF OPENING (°)	A	B min.	C Max.
90	150	390	380
120	200	390	0

TECHNICAL CHARACTERISTICS

MODELS	FE40230	FE40230V	FE4024	FE4024V
Protection rating (IP)	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	-	-
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,2	1,3	7 Max.	5 Max.
Power (W)	140	150	130	150
Maneuvering time at 90° (s)	34	18	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	30	30	HEAVY-DUTY	HEAVY-DUTY
Torque (Nm)	540	320	360	360
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC Gearmotors		
001FE40230V	Irreversible 230 V gearmotor, rapid version, with hinged transmission arm and C Max. 380 mm for swing gates with with up to 4 m leaves that weighs up to 400 kg.	
230 V AC gearmotors tested to be compliant with regulatory standards EN 12453		
001FE40230	Irreversible 230 V gearmotor with hinged transmission arm and C Max. 380 mm for swing gates with with up to 4 m leaves that weighs up to 400 kg.	
Control panels for 230 V AC gearmotors		
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001FE4024	Irreversible 24 V gearmotor, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.	
001FE4024V	Irreversible 24 V gearmotor, rapid version, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.	
Control panels for 24 V gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories for: 001FE40230 - 001FE4024 - 001FE40230V - 001FE4024V		
001FERNI-BDX	Straight right-hand drive arm and track.	
001FERNI-BSX	Straight left-hand drive arm and track.	
Accessories		
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	

FROG-X

SWING GATE OPERATORS

CONNECT | 24 V | CXN BUS | EN TESTED | ENCODER | RIO SYSTEM 2.0 | BRUSHLESS | GREEN POWER

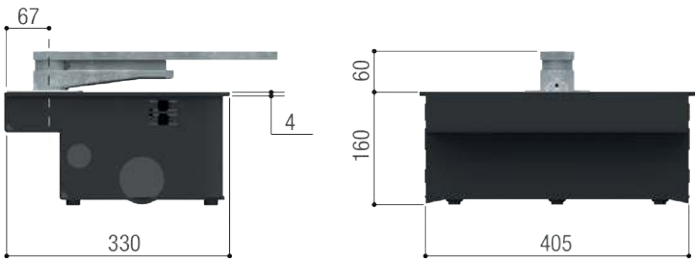
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	TYPE
UP TO 4 m	UP TO 800 kg	CONTINUOUS USE	UNDERGROUND



Advanced Brushless solution for residential or apartment buildings applications

- Invisible and fast Brushless solution for gate automation.
- Board equipped with CXN BUS connectors.
- Protection rating against weathering agents IP67.
- Foundation box in steel with anticorrosive treatment, or in AISI 304 stainless steel.
- Designed to perfectly replace old FROG installations.
- Integrated, adjustable mechanical limit switches.
- Opening up to 180° (with 801XA-0040 accessory).
- Set up for operation in case of power outage.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS			801MI-0030		
Max. length of leaf (m)	4	3,5	3	2,5	2
Max. weight of leaf (kg)	400	500	600	700	800

TECHNICAL CHARACTERISTICS

MODELS	801MI-0030
Protection rating (IP)	67
Power supply (V - 50/60 Hz)	24 DC
Power supply to motor (V)	24 DC
Absorption (A)	15
Power (W)	200
Maneuvering time at 90° (s)	10-18
Cycles/Hour	CONTINUOUS DUTY
Torque (Nm)	300
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

CODE	DESCRIPTION	
Underground 24 V DC operators		
801MI-0030	FRG40DGX -Irreversible 24 V brushless underground operator with native encoder, Adaptive Speed & Torque Technology, motion management, obstacle detection and adjustable closing leaf stop for swing gates with leaves up to 4 m and 400 kg weight. FROG-X is driven by the dedicated control panel 801QA-0170.	
Control panels for 24 V gearmotors		
801QA-0170	ZLB24SA - Multifunction control panel, with 230 V AC power supply, for 24 V FROG-X brushless operator, with graphic display for programming and signaling, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users. The control panel is specifically designed for FROG-X, and cannot be used on other swing motors.	
24 V accessories for control panels		
801XC-0250	LBNX - Circuit board for blackout operation, battery charging, and energy saving in standby mode.	
Energy saving accessory for: 801QA-0170		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
CXN BUS interface for control panels		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories		
001FROG-CFNI	AISI 304 steel foundation box, complete with release latching-lever, gate fastening brace, slots for fastening to post, and screw for adjusting the opening limit-switch point.	
001FROG-CFN	Steel foundation box with cataphoresis treatment, featuring release transmission, gate fastening brace, slots for fastening to post, and spring for adjusting the opening limit-switch point.	
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001A4364	Release device with lever key.	
001A4365	Release device with trilobe key.	
801XA-0030	Unlocking device with custom key and EURO-DIN cylinder equipped with anti-lock system.	
001A4370	Transmission lever for openings up to 140°.	
801XA-0040	180° opening transmission kit for FROG-X.	

FROG

SWING GATE AUTOMATION

CONNECT · 24 V · EN TESTED · ENCODER · RIO SYSTEM 2.0 · GREEN POWER

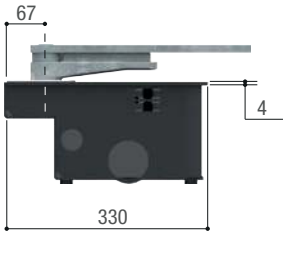
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	TYPE
UP TO 3.5 m	UP TO 800 kg	HEAVY-DUTY	UNDERGROUND



Solution for applications in private homes or apartment buildings

- The invisible solution to power your gate
- Protection rating against weathering agents IP67.
- Foundation box in steel with anticorrosive treatment, or in AISI 304 stainless steel.
- System automatically resets after the gate is manually released.
- Integrated, adjustable mechanical limit switches.
- Opening up to 180° (with FL-180 accessory).
- Ready for operation in case of power outage in the 24 V DC versions.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)







OPERATIONAL LIMITS

MODEL			FROG-AV	
Max. width of leaf (m)				1,3
Max. weight of leaf (kg)				300
MODELS			FROG-A · FROG-AE	
Max. width of leaf (m)	3,5	2,5	2	-
Max. weight of leaf (kg)	400	600	800	-
MODELS			FROG-A24 · FROG-A24E	
Max. width of leaf (m)	3,5	2,5	2	-
Max. weight of leaf (kg)	400	600	800	-
Max. leaf opening (°)			110	

TECHNICAL CHARACTERISTICS

MODELS	FROG-AE	FROG-A	FROG-AV	FROG-A24	FROG-A24E
Protection rating (IP)	67	67	67	67	67
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	-	-
Power supply to motor (V)	230 AC	230 AC	230 AC	24 DC	24 DC
Absorption (A)	1,9	1,9	2,5	15 Max.	15 Max.
Power (W)	460	460	300	180	180
Maneuvering time at 90° (s)	18	18	9	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	30	30	30	HEAVY-DUTY	HEAVY-DUTY
Cycles/Hour	11	11	-	-	-
Torque (Nm)	320	320	240	320	320
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC underground gearmotors		
001FROG-A	Irreversible underground 230 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	
001FROG-AV	Irreversible underground 230 V gearmotor, rapid version, with adjustable leaf-closing for swing gates with up to 1.3 m leaves that weighs up to 300 kg.	
Control panels for 230 V AC gearmotors		
801QA-0110	ZLX230P - Multifunctional control panel basic version, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, 2 safety inputs and storage for up to 250 users.	
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
Underground 230 V AC gearmotors, tested to be compliant with regulatory standards EN 12453		
001FROG-AE	Irreversible underground 230 V gearmotor with encoder and adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	
Control panels for 230 V AC gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
Underground 24 V DC operators		
001FROG-A24	Irreversible underground 24 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	
Underground, 24 V DC operators, tested to be compliant with regulatory standards EN 12453		
001FROG-A24E	Irreversible underground 24 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	
Control panels for 24 V gearmotors		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
BUS accessory management module for: 801QA-0110		
806XG-0110	RCXN - Module for managing CXN BUS accessories.	
Accessories for: 001FROG-A - 001FROG-AV - 001FROG-AE - 001FROG-A24E		
001FL-180	Drive chain lever for up to 180° openings and gate leaves of max. 2 m in length.	
Accessories		
001FROG-CFNI	AISI 304 steel foundation box, complete with release latching-lever, gate fastening brace, slots for fastening to post, and screw for adjusting the opening limit-switch point.	
001FROG-CFN	Steel foundation box with cataphoresis treatment, featuring release transmission, gate fastening brace, slots for fastening to post, and spring for adjusting the opening limit-switch point.	
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	
001A4364	Release device with lever key.	
001A4365	Release device with trilobe key.	
801XA-0030	Unlocking device with custom key and EURO-DIN cylinder equipped with anti-lock system.	
001A4370	Transmission lever for openings up to 140°.	

NOTES:
001FL-180 - 001A4370 - Accessories for 2-m long gate leaves.



KRX

FLASHING LIGHT WITH LED LIGHT AVAILABLE IN 3 COLORS AND IN BUS VERSION

FIND OUT MORE ON PAGE 230



CAME

CAME.COM

FROG PLUS

SWING GATE AUTOMATION

CONNECT ENCODER

MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	TYPE
UP TO 7 m	UP TO 1000 kg	10 CYCLES/HOUR	UNDERGROUND

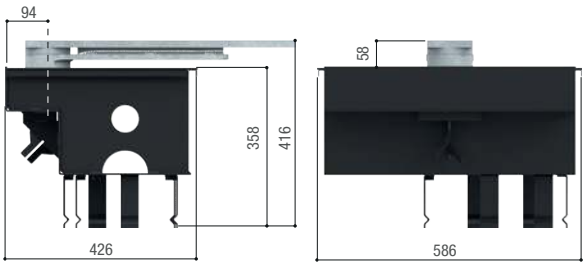


High-performance solution for applications for industrial use

- The invisible solution to power your gate
- Protection rating against weathering agents IP67.
- Equipped with encoder.
- Integrated, adjustable mechanical limit switches.
- System automatically resets after the gate is manually released.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.



DIMENSIONS (mm)



OPERATIONAL LIMITS

MODEL							
Max. width of leaf (m)		5,5		4,5	3,5	2,5	1.5
Max. weight of leaf (kg)		700		900	1100	1400	1800
MODEL				FROG-PM6			
Max. width of leaf (m)	7	6	5	4			
Max. weight of leaf (kg)	550	650	800	1000			
Max. leaf opening (°)				110			

TECHNICAL CHARACTERISTICS

MODELS	FROG-PM4	FROG-PM6
Protection rating (IP)	67	67
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	230 AC	230 AC
Absorption (A)	2,1	2,1
Power (W)	500	500
Maneuvering time at 90° (s)	30	45
Cycles/Hour	10	6
Torque (Nm)	800	800
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150

● 230 V AC

THE COMPLETE RANGE

CODE	DESCRIPTION	
230 V AC underground gearmotors		
001FROG-PM4	Irreversible underground 230 V gearmotor with encoder and adjustable leaf-closing for swing gates with up to 5.5 m leaves that weighs up to 700 kg.	
001FROG-PM6	Irreversible underground 230 V gearmotor with encoder and adjustable leaf-closing for swing gates with up to 7 m leaves that weighs up to 550 kg.	
Control panels for 230 V AC gearmotors		
002ZM3EP	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.	
Accessories		
001FROG-PC	Steel, cataphoresis treated foundation box, featuring release transmission, gate fastening brace and spring for adjusting the opening limit-switch point.	
001A4801	Micro limit-switch IP67 designed for applications in critical climatic conditions.	
001A4364	Release device with lever key.	
001A4365	Release device with trilobe key.	
801XA-0030	Unlocking device with custom key and EURO-DIN cylinder equipped with anti-lock system.	
001LOCK81	Single cylinder electric lock.	
001LOCK82	Double cylinder electric lock.	

SUPER FROG

SWING GATE AUTOMATION

CONNECT

400 V

MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE	TYPE
UP TO 8 m	UP TO 1500 kg	50%	UNDERGROUND

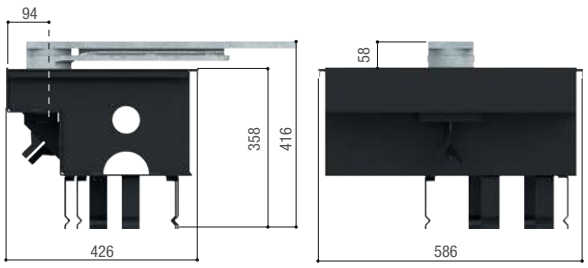


Solution for special applications for industrial use

- The invisible solution to power your gate
- Power supply 230 - 400 V AC triphase to offer maximum performance
- Protection rating against weathering agents IP67.
- Integrated, adjustable mechanical limit switches.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.



DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	FROG-MD · FROG-MS					
Max. width of leaf (m)	8	7	6	5	4	< 4
Max. weight of leaf (kg)	600	700	800	1000	1200	1500
Max. leaf opening (°)	95					

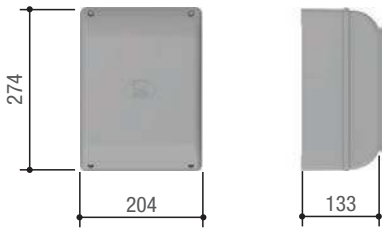
TECHNICAL CHARACTERISTICS

MODELS	FROG-MD	FROG-MS
Protection rating (IP)	67	67
Power supply (V - 50/60 Hz)	230/ 400 V AC THREE PHASE	230/ 400 V AC THREE PHASE
Power supply to motor (V)	230/ 400 V AC THREE PHASE	230/ 400 V AC THREE PHASE
Absorption (A)	2.5 max.	2.5 max.
Power (W)	600	600
Maneuvering time at 90° (s)	45	45
Duty/cycle (%)	50	50
Torque (Nm)	1000	1000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

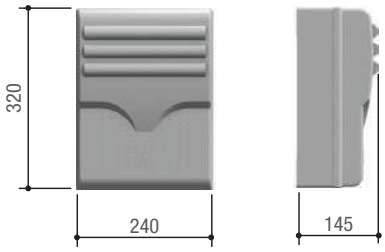
● 230 – 400 V AC THREE PHASE

CODE	DESCRIPTION	
230 - 400 V AC three-phase underground gearmotors		
001FROG-MD	Right-side irreversible underground 230 - 400 V gearmotor for swing gates with up to 8 m leaves that weighs up to 600 kg.	
001FROG-MS	Left-side irreversible underground 230 - 400 V gearmotor for swing gates with up to 8 m leaves that weighs up to 600 kg.	
230 - 400 V AC three-phase control panels		
002ZM3ES	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and self-diagnosing safety devices.	
Foundation box		
001FROG-CD	Right-hand, steel cataphoresis-treated, foundation-casing, complete with release latching-lever, gate-fastening brace and mechanical stop.	
001FROG-CS	Left-hand, steel cataphoresis-treated, foundation-casing, complete with release latching-lever, gate-fastening brace and mechanical stop.	

CONTROL PANEL DIMENSIONS (mm)



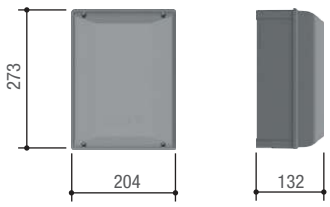
002ZL65



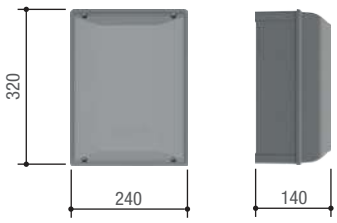
002ZM3EP



002ZM3ES



801QA-0050
801QA-0110
801QA-0120



801QA-0060
801QA-0130



CONTROL BOARD FUNCTIONS

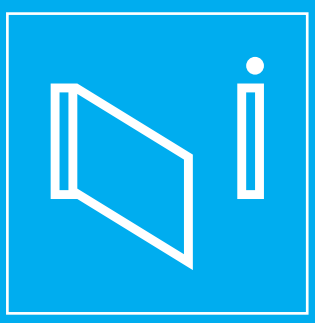
The table lists all of the characteristics of swing-gate control panels.

MODELS / SERIES	FROG-X	ATS NEW ATI ATI FAST FERNI FROG	ATS NEW ATI ATI AXO FAST FERNI FROG	ATS NEW ATI ATI AXO FAST FERNI FROG	AXI ATS NEW ATI ATI AXO STYLO FAST FERNI FROG	AXI ATS NEW ATI ATI AXO STYLO FAST FERNI FROG	SUPER FROG	AXI ATS NEW ATI ATI FAST
CONTROL BOARD / CONTROL PANEL	801QA-0170 ZLB24SA	801QA-0110 ZLX230P	801QA-0120 ZLX230M	801QA-0130 ZLX230S	801QA-0050 ZLX24MA	801QA-0060 ZLX24SA	002ZM3ES ZM3ES	002ZL65 ZL65
SECURITY								
SELF-DIAGNOSING safety decives	●	●	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●	●	●	●	●	●
Obstruction WAIT	●	●	●	●	●	●	●	●
TOTAL STOP	●	●	●	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●	●	●	●
REOPENING when closing and with immediate closing once the obstruction is removed	●	●	●	●	●	●		
OBSTRUCTION DETECTION in front of photocells	●	●	●	●	●	●	●	●
ENCODER			●	●	●	●		●
Virtual ENCODER					●	●		
AMPEROMETRIC DETECTION					●	●		●
COMMAND								
PEDESTRIAN OPENING 1 leaf	●	●	●	●	●	●	●	●
PARTIAL OPENING 1 leaf	●	●	●	●	●	●	●	●
OPEN ONLY from transmitter and/or from button	●	●	●	●	●	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●	●	●	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●	●	●	●
DELAYED OPENING 1st leaf	●	●	●	●	●	●	●	●
DELAYED OPENING 2nd leaf	●	●	●	●	●	●	●	●
CHARACTERISTICS								
FLASHING LIGHT connection	●	●	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●	●	●	●	●	●
COURTESY LIGHT connection	●	●	●	●	●	●	●	●
Antenna	●	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●	●
Contact output for 2nd RADIO CHANNEL				●		●	●	
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●	●
OPERATING TIME adjusting					●	●	●	●
Connection for the ELECTRIC LOCK and/or RAMMING	●	●	●	●	●	●	●	●
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●	●
Dynamic AUTOMATIC CLOSING TIME	●	●	●	●				
OPENING and/or CLOSING slow downs	●	●	●	●	●	●		●
EMERGENCY BATTERY operation (optional)					●	●		●
Adjustable GATE TRAVEL and SLOW DOWN speeds					●	●		●
Adjustable SLOW DOWN SPEED	●	●	●	●				
DISPLAY	●	●	●		●			●
Graphic DISPLAY				●		●	●	
SELF-LEARNING opening and closng limit-switches			●***	●***	●	●		●
Compatible with CONNECT technology	●	●	●	●	●	●	●	●
Designed to fit RIO System 2.0	●	●	●	●	●	●		●
CRP control	●	●	●	●	●	●	●	●
ENERGY SAVING management control (Green Power module)	●	●	●	●	●	●		●
CXN BUS	●**	●**	●	●	●	●		
Adaptive Speed & Torque Technology					●	●		
Slot CAME Key	●	●	●	●	●	●		
TIMER control				●		●		
Possibility of managing two different motors						●		
DTC - Digital Torque Control	●	●	●	●				
MODBUS OPEN PROTOCOL	●	●	●	●	●	●		

● 230 V AC ● 24 V DC ● 230 – 400 V AC THREE PHASE

NOTES:
** with accessory 806XG-0080.
*** with encoder activated.

CONTROL PANELS



114 COMPATIBILITY TABLES
116 ZLX24
118 ZLX230
121 CONTROL BOARDS FUNCTIONS

COMPATIBILITY 24 V GEARMOTORS

STRAIGHT ARM 24 V DC

ZLX24SA • ZLX24MA • ZL65				ZLX24SA • ZLX24MA
ATS	ATI	AXI	NEW ATI	AXO
				
801MP-0070 801MP-0080 801MP-0110	001A3024N 001A5024N	801MP-0030 801MP-0040	801MP-0210 801MP-0220	001AX3024 001AX5024

ARTICULATED ARM 24 V DC

ZLX24SA • ZLX24MA • ZL65	ZLX24SA • ZLX24MA	
FAST	FERNI	STYLO
		
001FA7024 801MB-0100	001FE4024 001FE4024V	001STYLO-ME 001STYLO-RME

UNDERGROUND 24 V DC

ZLX24SA • ZLX24MA	ZLB24SA
FROG	FROG-X
	
001FROG-A24 01FROG-A24E	801MI-0030



ADAPTIVE SPEED AND TORQUE TECHNOLOGY

Adaptive Speed and Torque Technology (AST) the advanced firmware feature that dynamically optimizes speed and torque, adjusting motor thrust based on gate feedback to ensure smooth and consistent movement. During installation, parameters such as the sensitivity of the AST are set. Firmware continuously monitors gate operation and adjusts torque with each cycle, ensuring accurate and reliable performance.

COMPATIBILITY
230 V GEARMOTORS

STRAIGHT ARM

230 V AC

ZLX230M • ZLX230S

AXO



001AX302304
001AX402306
001AX412306
001AX71230

ZLX230P • ZLX230M • ZLX230S

ATS



801MP-0050
801MP-0060
801MP-0090
801MP-0100

ATI



001A3000
001A3000A
001A3006
001A5000
001A5000A
001A5006

NEW ATI



801MP-0190
801MP-0200

ARTICULATED ARM

230 V AC

ZLX230M • ZLX230S

FERNI



001FE40230
001FE40230V

ZLX230P • ZLX230M • ZLX230S

FAST



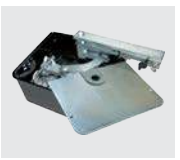
001FA70230

UNDERGROUND

230 V AC

ZLX230M • ZLX230S

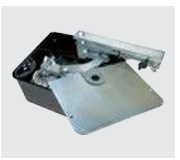
FROG



001FROG-AE

ZLX230P • ZLX230M • ZLX230S

FROG



001FROG-A
001FROG-AV



ZLX24
CONTROL PANELS

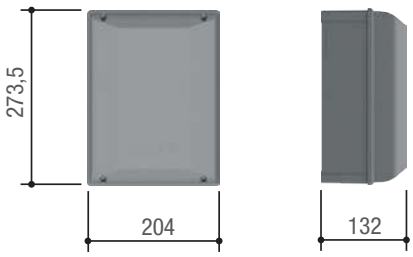
CONNECT | 24 V | EN TESTED | CXN BUS | RIO SYSTEM 2.0 | GREEN POWER



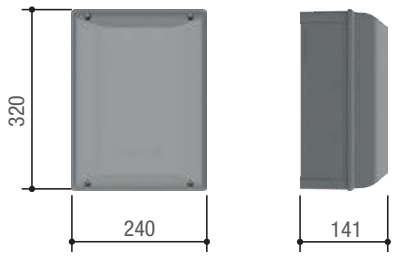
ZLX24 is the universal control panel for 24 V motors for swing gates

- Adaptive Speed and Torque Control (AST) and Virtual Encoder.
- Encoder management.
- CNX BUS inputs.
- 4 configurable safety inputs (2 on ZLX24MA).
- Slot for CAME KEY and Wi-Fi Gateway.
- RIO System 2.0.
- Outputs B1-B2 (ZLX24SA only).
- Integrated clock (ZLX24SA only).
- 250 users (ZLX24MA) or 1000 users (ZLX24SA).
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



801QA-0050



801QA-0060

FUNCTIONS

MODELS	801QA-0050	801QA-0060
Configurable safety inputs	2	4
CNX BUS inputs	●	●
Output B1-B2	●	●
RIO System 2.0	●	●
Slot for CAME KEY and CAME gateway	●	●
Adaptive speed and torque control	●	●
Virtual encoder management	●	●
Number of users	250	1000
Clock module	●	●
PCB plastic cover	●	●
Management of 2 different motors	●	●
Modbus Open Protocol	●	●

TECHNICAL CHARACTERISTICS

MODELS	801QA-0050	801QA-0060
Protection rating (IP)	54	
Power supply (V - 50/60 Hz)	230 AC	
Power supply to motor (V)	36 DC	
Power (W)	360	
Operating temperature (°C)	-20 ÷ +55	

● 36 V DC

THE COMPLETE RANGE

CODE	DESCRIPTION	
Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Control boards		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF868	868,35 MHz plug-in radio frequency card.	
806SS-0040	RIOCN8WS - Snap-in, radio-based control module for managing wireless accessories.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
Wi-Fi gateway and Bluetooth switch		
806SA-0140	WIFI GATEWAY- Gateway to connect the automation to the cloud via Wi-Fi or locally via Bluetooth selector (50 users)	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Accessory for integration with third-party systems for: 801QA-0050		
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
CXN BUS interface for automations		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	

ZLX230
CONTROL PANELS

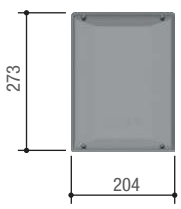
CONNECT | EN TESTED | EN TESTED | CXN BUS | RIO SYSTEM 2.0 | GREEN POWER



ZLX230 is the universal control panel for 230 V motors for swing gates

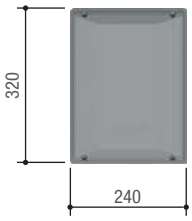
- Digital Torque Control (DTC).
- CNX BUS inputs (optional on ZLX230P).
- Slot for CAME KEY and Wi-Fi Gateway.
- Outputs B1-B2 (ZLX230S only).
- 250 users (ZLX230M and ZLX230P) or 1000 users (ZLX230S).
- Adaptive auto-closing time.
- Encoder management (ZLX230M and ZLX230S).
- 4 configurable safety inputs (2 on ZLX230M and ZLX230P).
- RIO System 2.0.
- Integrated clock (ZLX230S only).
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





801QA-0110
801QA-0120





801QA-0130

FUNCTIONS

MODELS	801QA-0110	801QA-0120	801QA-0130
Configurable safety inputs	2	2	4
CNX BUS inputs	Yes (with accessory 806XG-0110)	●	●
Output B1-B2	●	●	●
RIO System 2.0	●	●	●
Slot for CAME KEY and CAME gateway	●	●	●
Adaptive speed and torque control	●	●	●
Virtual encoder management	●	●	●
Number of users	250	250	1000
Timer management	●	●	●
PCB plastic cover	●	●	●
Management of 2 different motors	●	●	●
Digital Torque Control (DTC)	●	●	●
Encoder/ limit switch input	●	●	●
Adaptive automatic closing time	●	●	●

TECHNICAL CHARACTERISTICS

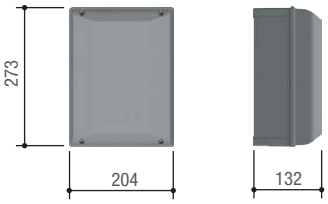
MODELS	801QA-0110	801QA-0120	801QA-0130
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	220 AC ÷ 240 AC	220 AC ÷ 240 AC	220 AC ÷ 240 AC
Power supply to motor (V)	220 AC ÷ 240 AC	220 AC ÷ 240 AC	220 AC ÷ 240 AC
Power (W)	1100	1100	1100
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 230 V AC

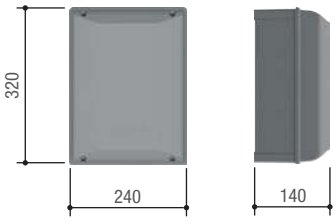
THE COMPLETE RANGE

CODE	DESCRIPTION	
Control panels for 230 V DC operators tested in compliance with standards EN 12453		
801QA-0110	ZLX230P - Multifunctional control panel basic version, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, 2 safety inputs and storage for up to 250 users.	
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
Control boards		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF868	868,35 MHz plug-in radio frequency card.	
806SS-0040	RIOCN8WS - Snap-in, radio-based control module for managing wireless accessories.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
CXN BUS interface for automations		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
BUS accessory management module for: 801QA-0110		
806XG-0110	RCXN - Module for managing CXN BUS accessories.	
Wi-Fi gateway and Bluetooth switch		
806SA-0140	WIFI GATEWAY- Gateway to connect the automation to the cloud via Wi-Fi or locally via Bluetooth selector (50 users)	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Accessory for integration with third-party systems		
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	

CONTROL PANEL DIMENSIONS (mm)



801QA-0050
801QA-0110
801QA-0120



801QA-0060
801QA-0130



CONTROL BOARD FUNCTIONS

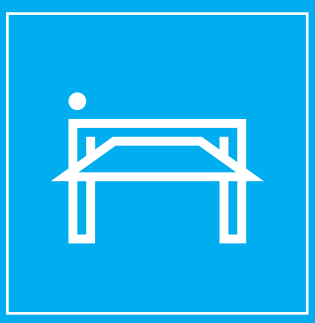
The table lists all of the characteristics of swing-gate control panels.

MODELS / SERIES	ATS NEW ATI ATI FAST FERNI FROG	ATS NEW ATI ATI AXO FAST FERNI FROG	ATS NEW ATI ATI AXO FAST FERNI FROG	AXI ATS NEW ATI ATI AXO STYLO FAST FERNI FROG	AXI ATS NEW ATI ATI AXO STYLO FAST FERNI FROG
CONTROL BOARD / CONTROL PANEL	801QA-0110 ZLX230P	801QA-0120 ZLX230M	801QA-0130 ZLX230S	801QA-0050 ZLX24MA	801QA-0060 ZLX24SA
SECURITY					
SELF-DIAGNOSING safety decives	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●
REOPENING during closing	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●	●	●
Obstruction WAIT	●	●	●	●	●
TOTAL STOP	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●
REOPENING when closing and with immediate closing once the obstruction is removed	●	●	●	●	●
OBSTRUCTION DETECTION in front of photocells	●	●	●	●	●
ENCODER		●	●	●	●
Virtual ENCODER				●	●
AMPEROMETRIC DETECTION				●	●
COMMAND					
PEDESTRIAN OPENING 1 leaf	●	●	●	●	●
PARTIAL OPENING 1 leaf	●	●	●	●	●
OPEN ONLY from transmitter and/or from button	●	●	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●
DELAYED OPENING 1st leaf	●	●	●	●	●
DELAYED OPENING 2nd leaf	●	●	●	●	●
CHARACTERISTICS					
FLASHING LIGHT connection	●	●	●	●	●
CYCLE LIGHT connection	●	●	●	●	●
COURTESY LIGHT connection	●	●	●	●	●
Antenna	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●
Contact output for 2nd RADIO CHANNEL			●		●
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●
OPERATING TIME adjusting				●	●
Connection for the ELECTRIC LOCK and/or RAMMING	●	●	●	●	●
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●
Dynamic AUTOMATIC CLOSING TIME	●	●	●		
OPENING and/or CLOSING slow downs	●	●	●	●	●
EMERGENCY BATTERY operation (optional)				●	●
Adjustable GATE TRAVEL and SLOW DOWN speeds				●	●
Adjustable SLOW DOWN SPEED	●	●	●		
DISPLAY	●	●		●	
Graphic DISPLAY			●		●
SELF-LEARNING opening and closng limit-switches		●***	●***	●	●
Compatible with CONNECT technology	●	●	●	●	●
Designed to fit RIO System 2.0	●	●	●	●	●
CRP control	●	●	●	●	●
ENERGY SAVING management control (Green Power module)	●	●	●	●	●
CXN BUS	●**	●	●	●	●
Adaptive Speed & Torque Technology				●	●
Slot CAME Key	●	●	●	●	●
TIMER control			●		●
Possibility of managing two different motors					●
DTC - Digital Torque Control	●	●	●		
MODBUS OPEN PROTOCOL	●	●	●	●	●

● 230 V AC ● 24 V DC

NOTES:
** with accessory 806XG-0080.
*** with encoder activated.

GARAGE DOOR AUTOMATION



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132 VER
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137 CONTROL BOARD FUNCTIONS

SELECTION GUIDE

GARAGE DOORS AUTOMATIONS

The table summarizes the series and models with their maximum operational limits according to the door surface or the traction force.

SERIES	MODEL	MAX. SURFACE OF THE DOOR (m²)
EMEGA	EM4024CB	9
EMEGA	EM4024CB + EM4024	14
SERIES	**MODEL**	**MAXIMUM TRACTION FORCE (N) / MAXIMUM DOOR SURFACE AREA (m²)**
VER	801MV-0050	600 / 9
VER	801MV-0060	800 / 12
VER PLUS	801MV-0010	1000 / 18
VER PLUS	801MV-0020	1300 / 21

● 24 V DC





COUNTER-BALANCED OVERHEAD OR SPRING LOADED PARTIALLY RETRACTING DOOR

This type of door features a counter-weighted or spring-loaded balancing system.
When opening and closing the door retracts into the garage by two-thirds of its surface area.



PROTRUDING OVERHEAD GARAGE DOOR PARTIALLY RETRACTING DOOR (WITH TWO GEARMOTORS ON THE DOOR)

This type of door features a counter-weighted or spring-loaded balancing system.
When opening and closing the door retracts into the garage by two-thirds of its surface area.
The double gearmotor is fitted with insulated and/or pedestrian doors.



COUNTER-BALANCED OVERHEAD OR SPRING LOADED

This type of door is powered via traction system. Depending on the type of door, you will need to choose the right type of chain or belt as well as the right type of adapter arm for counter-weighted, protruding, partially-retracting overhead garage doors.



NON-PROTRUDING, TOTALLY RETRACTING, OVERHEAD GARAGE DOOR (WITH GEARMOTOR FITTED TO DOOR)

This type of door is balanced by counter-weights
When opening, the door fully retracts into the garage.

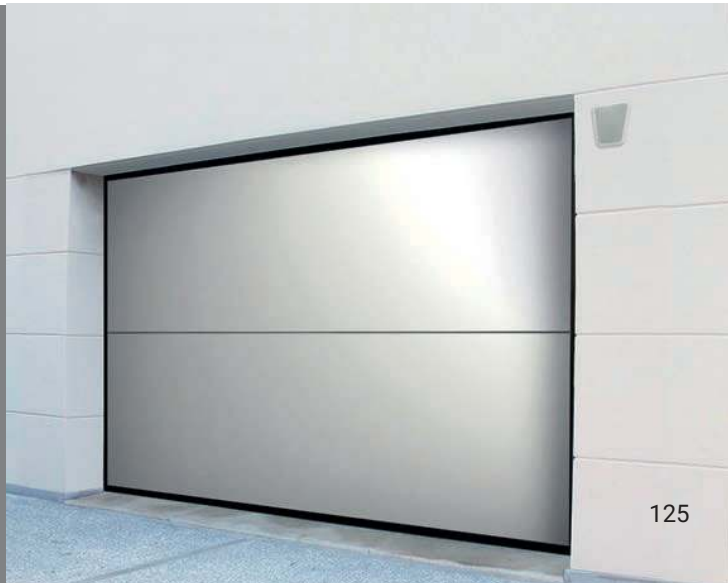


SECTIONAL DOOR

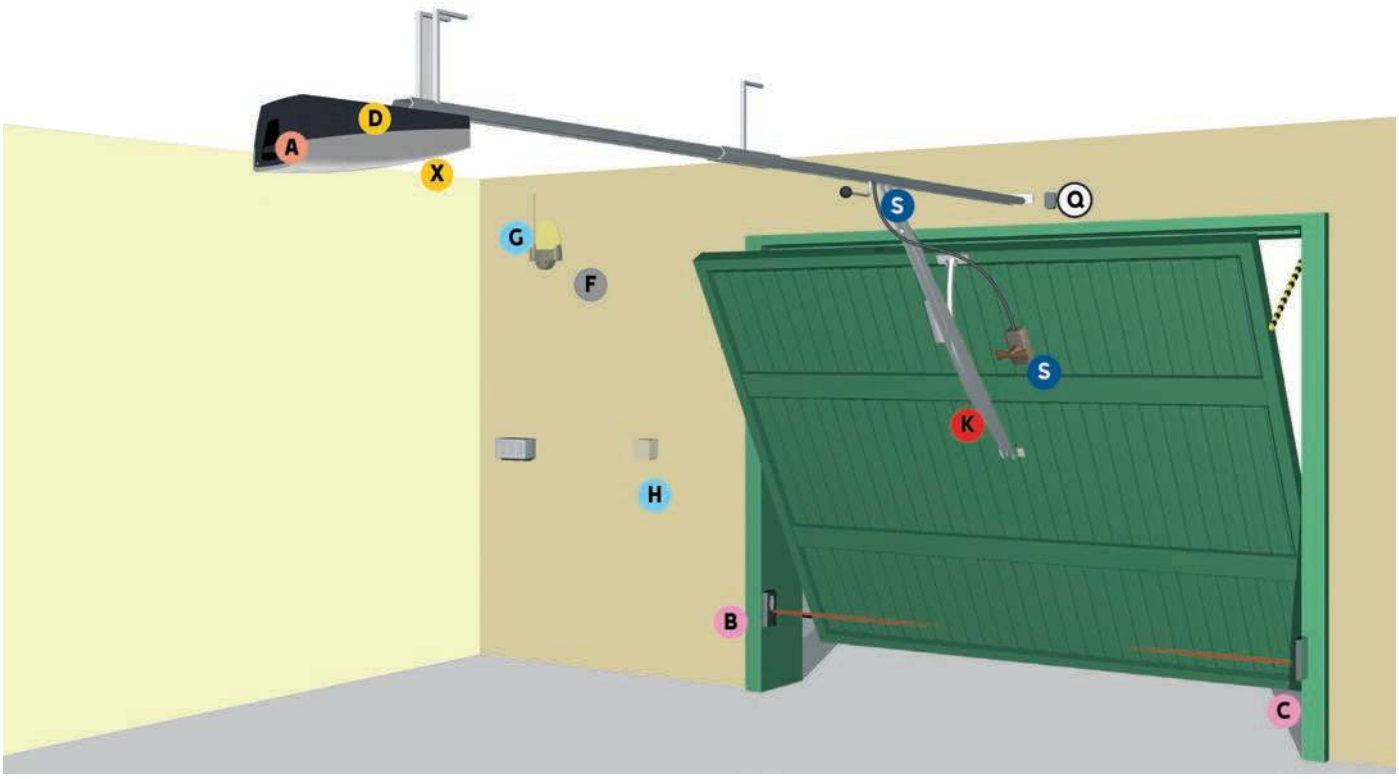
This type of door is spring-loaded for balance. It is made up of hinged, horizontal panels.

KLT FOR GARAGE DOORS

KLT is the perfect solution for any setting where the application of a slim flashing light with essential lines is required.
Installed on a wall or post, KLT is a safety indicator in case of moving automations for garage doors, industrial doors or gates.



COUNTERBALANCED, PARTIALLY RETRACTING, OVERHEAD GARAGE DOOR



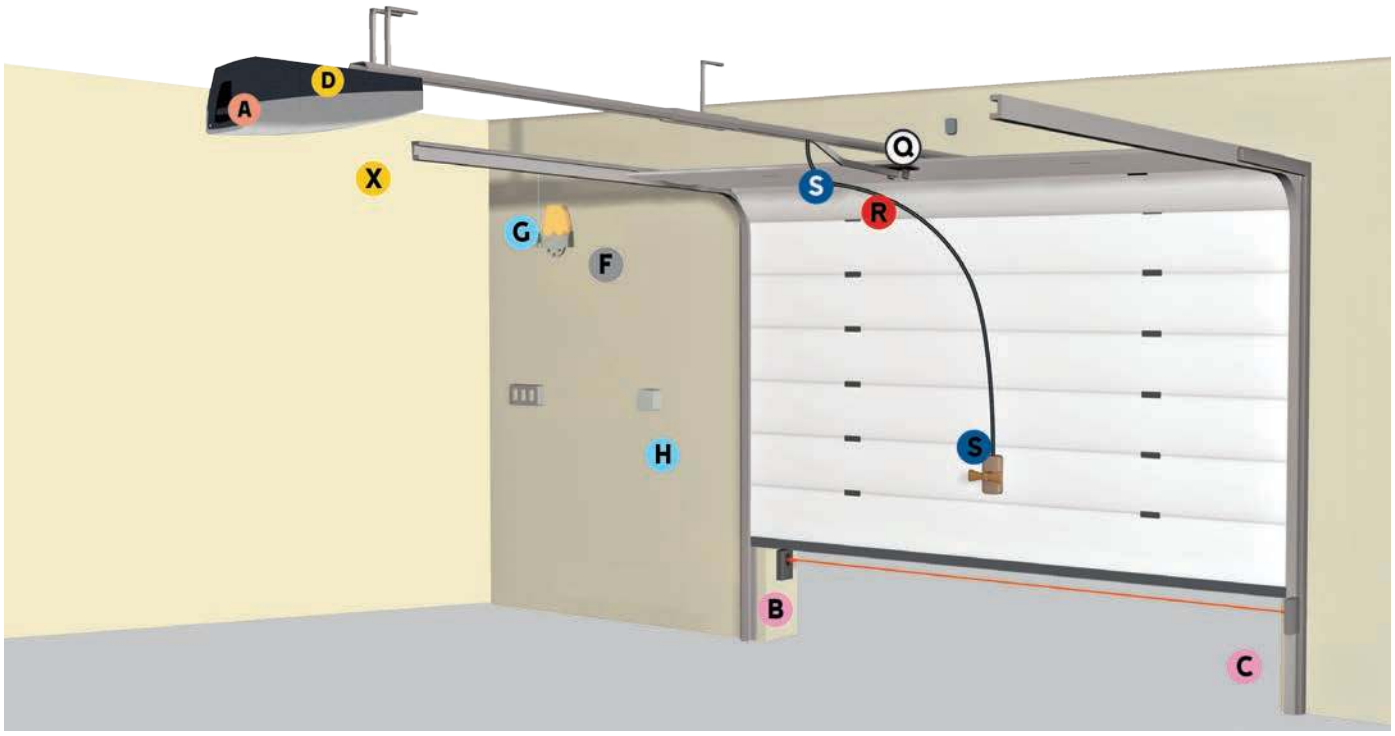
COMPONENTS

- A Operator (gearmotor with control board)
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- K Adapter arm
- Q Junction box
- S Pull-cord release device
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

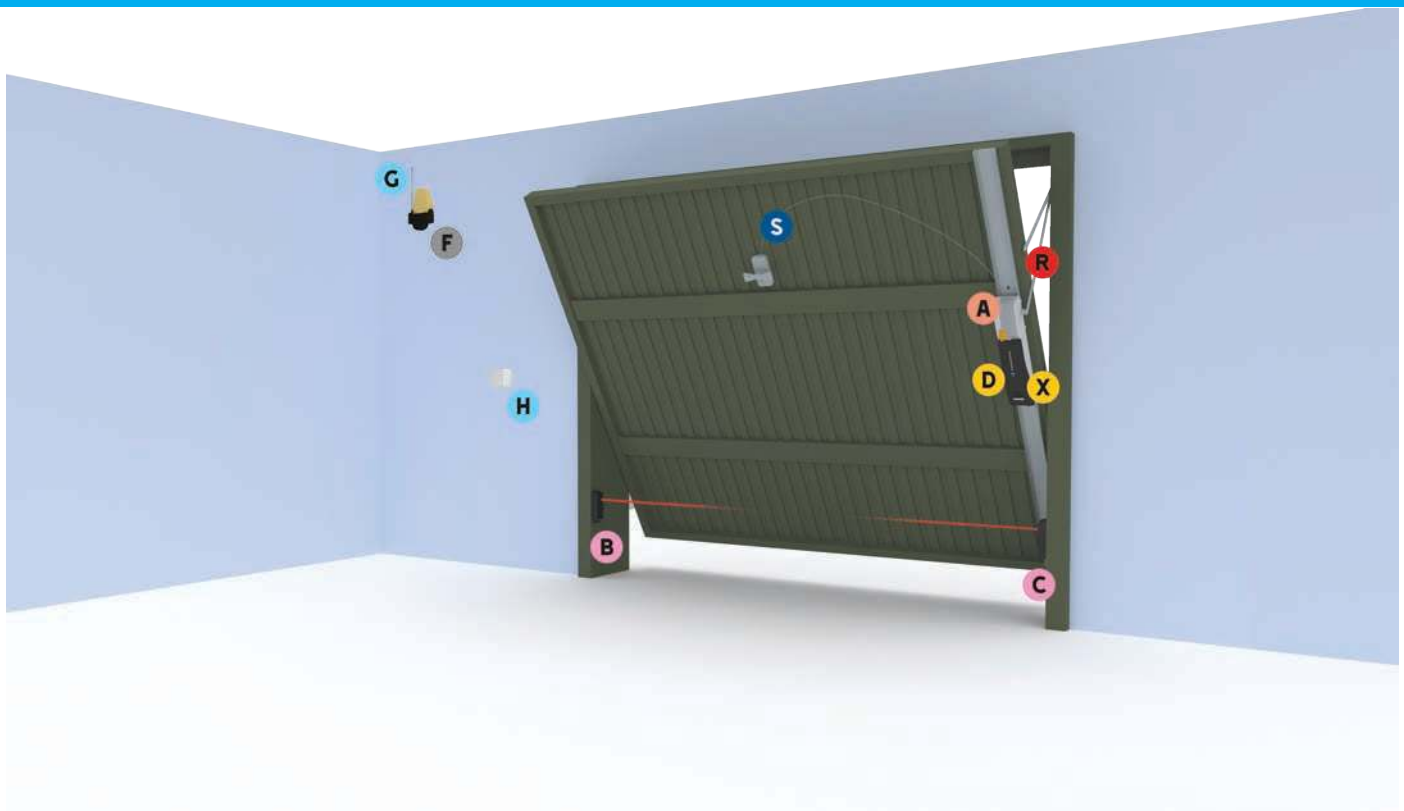
- A Operator (gearmotor with control board)
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- Q Junction box
- R Drive levers
- S Pull-cord release device
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

COUNTERBALANCED, PARTIALLY RETRACTING OVERHEAD GARAGE DOOR - SINGLE MOTOR



COMPONENTS

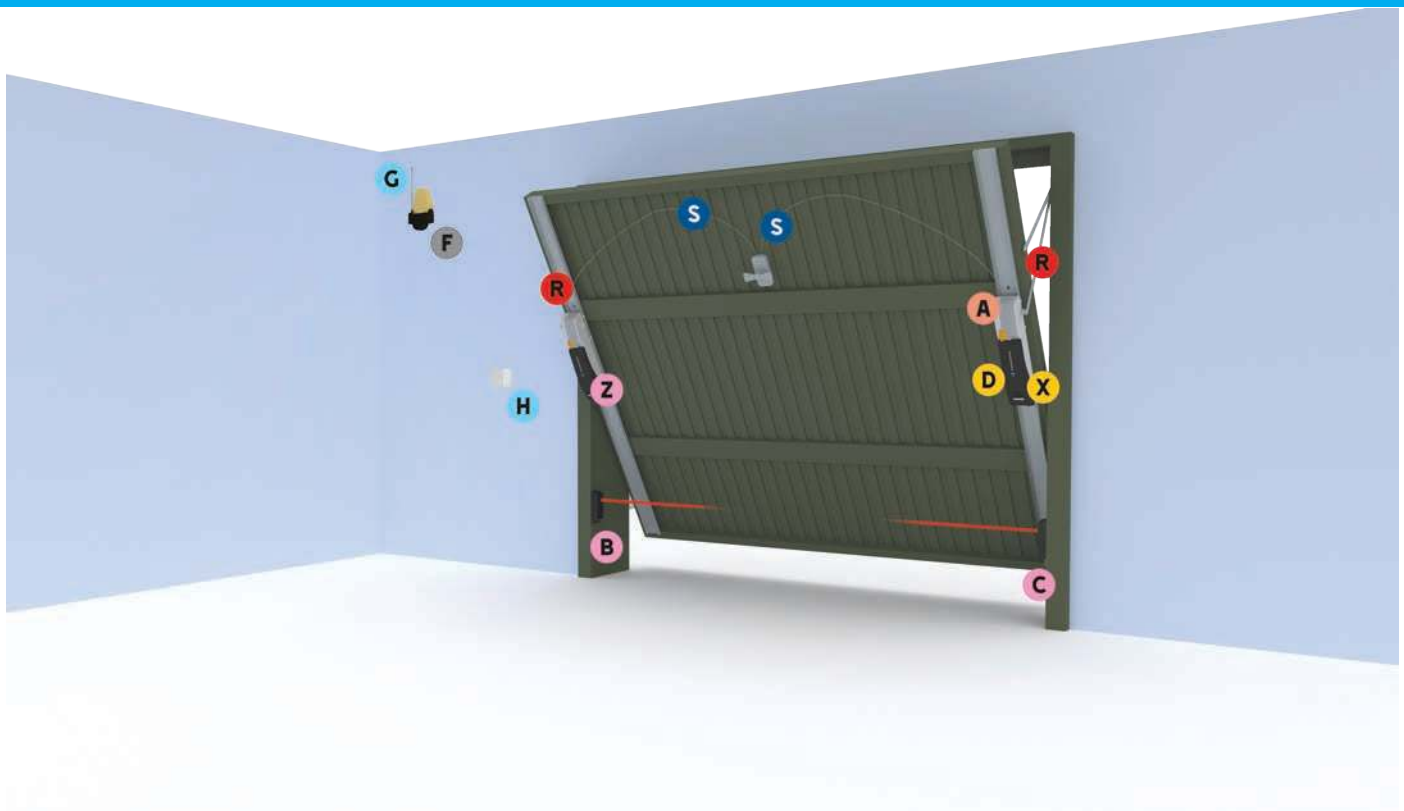
- A Operator (gearmotor with control board)
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- R Drive levers
- S Pull-cord release device
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

COUNTERBALANCED, PARTIALLY RETRACTING OVERHEAD GARAGE DOOR - DOUBLE MOTOR



COMPONENTS

- A Operator (gearmotor with control board)
- Z Gearmotor (without electronic card)
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- R Drive levers
- S Pull-cord release device
- X Radio frequency card

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

VER PLUS

GARAGE DOORS AUTOMATIONS

CONNECT | 24 V | EN TESTED | ENCODER | RIO SYSTEM 2.0 | GREEN POWER

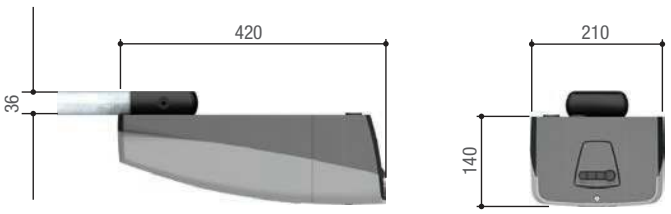
MAXIMUM DOOR SURFACE	PULL STRENGTH	USE	TYPE/APPLICATION
21 m²	1300 N	30 CYCLES/HOUR	PULLING

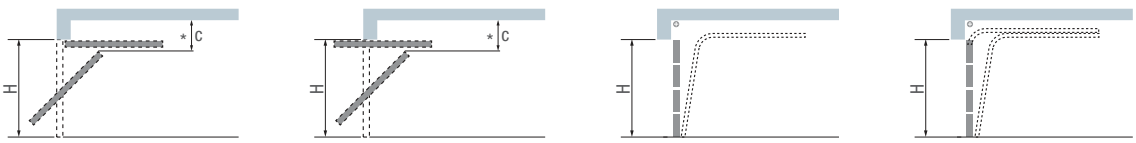


Operator for sectional or overhead garage doors for use in private homes and industrial plants

- 24 V DC systems with encoder to guarantee greater safety and reliability.
- The operator is fastened directly onto the drive guide.
- Silent and reliable sliding guides, available with chain or belt.
- Control board with separate and removable terminal blocks.
- Save up to 250 different users.
- Display for programming and viewing features.
- Set up for operation in case of power outage.
- Integrated release lever, with the possibility of operating from the outside using the door handle.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)





BM – Fully retracting, protruding overhead garage door.

BC – Partially retracting, protruding overhead garage door. (con 001V201)

STA - Sectional Type A door with single guide

STB - Sectional Type B door with double guide.

C-distance = Min. 60 mm - H = Max. door height - * = Maximum overall dimensions, in height, of the door during movment (at about 2/3 of opening)

OPERATIONAL LIMITS

MODELS	801MV-0010	801MV-0020
Max. surface of the door (m²)	18	21
Max. traction force (N)	1000	1300
Max. door weight (kg)	223	240

TECHNICAL CHARACTERISTICS

MODELS	801MV-0010	801MV-0020
Protection rating (IP)	40	40
Power supply (V - 50/60 Hz)	230	230
Power supply to motor (V)	24	24
Power (W)	180	280
Manouvering speed (m/min)	7	7
Cycles/Hour	30	30

● 24 V DC

CODE	DESCRIPTION	
Complete operators with 24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
801MV-0010	VER10DMS - Operator with encoder, featuring a control panel for sectional and overhead garage doors.	
801MV-0020	VER13DMS - Operator with encoder, featuring a control panel for sectional and overhead garage doors.	
Accessories for: 801MV-0010 - 801MV-0020		
801XC-0010	Device for operation during power outages and for recharging the batteries (included two 12 V - 0.8 Ah batteries).	
Energy saving accessory for: 801MV-0010 - 801MV-0020		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories		
001V122	Long drive arm for sectional doors	
001V121	Pull-cord release and resetting device to fit on door handle. L = 3 m.	
001V201	Adapter arm for partially protruding overhead garage doors. Max. Door height: 2.4 m.	
Belt guides		
001V0685	Belt guide L = 3.02 m, for doors with max. surface of 15 m². *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	
001V0686	Belt guide L= 3.52 m, for doors with max. surface of 15 m². *Max. door height: BM = 2.75 m STA = 2.6 m STB = 2.7 m.	
001V0688	Belt guide L = 4.02 m, for doors with max. surface of 15 m². *Max. door height: BM = 3.25 m STA = 3.1 m STB = 3.2 m.	
001V0687	Belt guide L = 3.02 m in two pieces, for doors with max. surface of 15 m². *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	
Chain guide		
001V0679	Chain guide L = 3.02 m. * Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	
001V0682	Chain guide L = 3.52 m. * Max. door height: BM = 2.75 m STA = 2.6 m STB = 2.7 m.	
001V0683	Chain guide L = 4.02 m. * Max. door height: BM = 3.25 m STA = 3.1 m STB = 3.2 m.	
001V0684	Chain guide L = 3.02 m in two pieces.* Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	
Accessories for: chain guides		
001V005	Extension for chain guide type: 001V0679 - 001V0682 - 001V0683 - 001V0684. L = 1.42 m.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	

Note
* BC = Counter-weighted overhead - BM = Spring-loaded overhead - STA = Sectional Type A - STB = Sectional Type B

VER

GARAGE DOORS AUTOMATIONS

24 V | EN TESTED | ENCODER | GREEN POWER

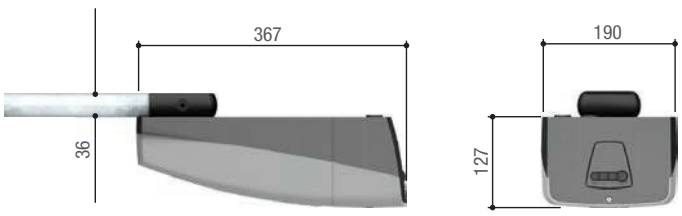
MAXIMUM DOOR SURFACE	PULL STRENGTH	USE	TYPE/APPLICATION
12 m²	800 N	10 CYCLES/HOUR	PULLING

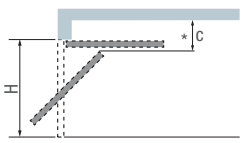


Operator for sectional and overhead garage doors for use in private homes

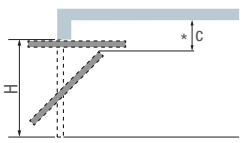
- 24 V DC systems with encoder to guarantee greater safety and reliability.
- The operator is fastened directly onto the drive guide.
- Silent and reliable sliding guides, available with chain or belt.
- Control board with separate and removable terminal blocks.
- Save up to 250 different users.
- Display for programming and viewing features.
- Integrated release lever, with the possibility of operating from the outside using the door handle.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)

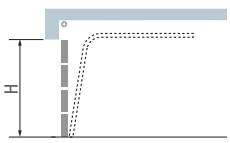




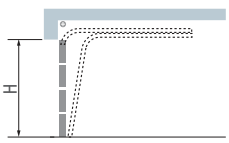
BM – Fully retracting, protruding overhead garage door.



BC – Partially retracting, protruding overhead garage door.
(con 001V201)



STA - Sectional Type A door with single guide



STB - Sectional Type B door with double guide.

C-distance = Min. 60 mm - H = Max. door height - * = Maximum overall dimensions, in height, of the door during movment (at about 2/3 of opening)

OPERATIONAL LIMITS

MODELS	801MV-0050	801MV-0060
Max. surface of the door (m²)	9	12
Max. traction force (N)	600	800
Max. door weight (kg)	115	150

TECHNICAL CHARACTERISTICS

MODELS	801MV-0050	801MV-0060
Protection rating (IP)	20	20
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC
Cycles/Hour	10	10
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Manouvering speed (m/min)	6,6	8

● 24 V DC

CODE	DESCRIPTION	
Complete operators with 24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
801MV-0050	VER06DES - Operator with encoder, featuring a control board with segmented graphic display, for sectional and overhead garage doors.	
801MV-0060	VER08DES - Operator with encoder, featuring a control board with segmented graphic display, for sectional and overhead garage doors.	
Accessories		
001V121	Pull-cord release and resetting device to fit on door handle. L = 3 m.	
001V122	Long drive arm for sectional doors	
001V201	Adapter arm for partially protruding overhead garage doors. Max. Door height: 2.4 m.	
Chain guide		
001V06001	Chain guide L = 3.02 m. *Max. height door: BC = 2.4 m - BM = 2.25 m - STA = 2.1 m - STB = 2.2 m.	
001V06002	Chain guide L = 3.52 m. * Max. door height: BM = 2.75 m - STA = 2.6 m STB = 2.7 m.	
001V06003	Chain guide L = 4.02 m. * Max. door height: BM = 3.25 m - STA = 3.1 m STB = 3.2 m.	
Belt guides		
001V06005	Belt guide L = 3.02 m. * Max. door height: BC = 2.4 m - BM = 2.25 m - STA = 2.1 m STB = 2.2 m.	
001V06006	Belt guide L = 3.52 m. * Max. door height: BM = 2.75 m - STA = 2.6 m STB = 2.7 m.	
001V06007	Belt guide L = 4.02 m. * Max. door height: BM = 3.25 m - STA = 3.1 m STB = 3.2 m.	

Note
* BC = Counter-weighted overhead - BM = Spring-loaded overhead - STA = Sectional Type A - STB = Sectional Type B
ATTENTION 801MV-0050 - 801MV-0060 PRODUCTS AVAILABLE ONLY IN KITS. CONTACT THE SALES DEPARTMENT FOR INFORMATION.

EMEGA

GARAGE DOORS AUTOMATIONS

CONNECT | 24 V | EN TESTED | ENCODER | GREEN POWER

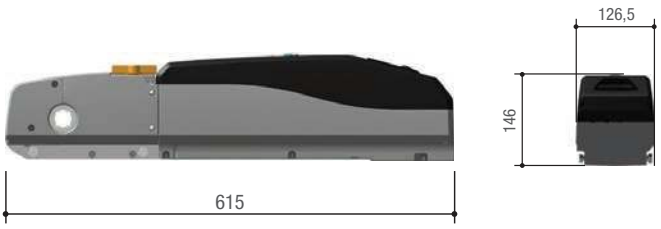
MAXIMUM DOOR SURFACE	SPEED	USE	TYPE/APPLICATION
14 m²	ADJUSTABLE	HEAVY-DUTY	ON THE DOOR

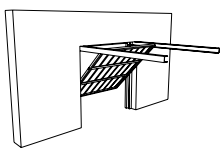


Operator with direct fixing on the garage door

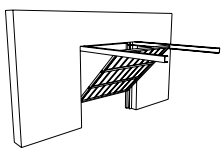
- Encoder-based movement control.
- Integrated release lever, with the possibility of operating from the outside using the door handle.
- Obstacle detection function, maneuver speed adjustment and opening and closing slow-down speed.
- Display for programming and viewing features, with LED for the operator diagnostics.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)

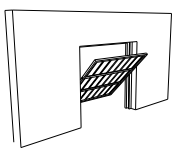




Protruding and fully retracting overhead garage door



Non-protruding fully retracting overhead garage door



Protruding and partially retracting overhead garage door

OPERATIONAL LIMITS

MODELS	EM4024CB	EM4024
Max. surface of the door (m²)	9	14 (in combination with: 001EM4024CB)

NOTES: For doors larger than 9 m² and up to 14 m², use: 1 EM4024CB operator + 1 EM4024 gearmotor

TECHNICAL CHARACTERISTICS

MODELS	EM4024CB	EM4024
Protection rating (IP)	40	40
Power supply (V - 50/60 Hz)	230 AC	-
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.
Power (W)	73	70
Maneuvering time at 90° (s)	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	HEAVY-DUTY	HEAVY-DUTY
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

● 24 V DC

CODE	DESCRIPTION	
Complete operators with 24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001EM4024CB	Irreversible operator with control board and segmented graphics display for doors measuring up to 9 m².	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001EM4024	Irreversible gearmotor for pairing to the 001EM4024CB operator for extending the door's surface area up to 14 m².	
Accessories for: 001EM4024CB		
002LBEM40	Control card for operating during power outages and for recharging the batteries, with fastening brace.	
Accessories for: 001EM4024		
001EM4001	LED control card for the courtesy light.	
Accessories		
001E001	Anchoring base L = 2 m.	
001E002	Fixing base L = 2.5 m.	
001V121	Pull-cord release and resetting device to fit on door handle. L = 3 m.	
001E781A	Accessories for fitting the lateral reset.	
001E782A	Square transmission tube 25 x 25 mm L = 2 m.	
001E783	Pair of folding drive arms.	
001E784	Long lever for hinged transmission arm for doors taller than 2.4 m.	
001E785A	Pair of straight telescopic arms with rectangular tube 40 x 10 mm.	
001E786A	Pair of curved telescopic arms with 40 x 10 mm rectangular tube.	
001E787A	Long tube for telescopic arms for doors with heights exceeding 2.4 m.	

NOTES:
002LBEM40 - Two 12 V – 1.3 Ah batteries (not supplied), on the 001EM4024CB - 001EM4024 there is a battery rack inside.



CONTROL BOARD FUNCTIONS

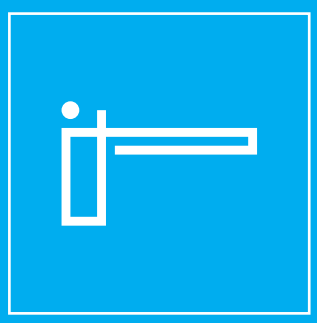
The tables shows lists all characteristics of the overhead and sectional door control-panels.

MODELS / SERIES	VER PLUS	VER	EMEGA
CONTROL BOARD / CONTROL PANEL	ZL57	-	ZL43
SECURITY			
SELF-DIAGNOSING safety decives	●	●	●
PRE-FLASHING when opening and closing	●	●	●
REOPENING during closing	●	●	●
CLOSING AGAIN during opening	●		
Obstruction WAIT	●		●
TOTAL STOP	●	●	●
PARTIAL STOP	●		
OBSTRUCTION DETECTION in front of photocells	●	●	●
ENCODER	●	●	●
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.		●	●
AMPEROMETRIC DETECTION	●	●	●
COMMAND			
PARTIAL OPENING	●	●	●
OPEN ONLY from transmitter and/or from button	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●
MAINTAINED ACTION	●		●
IMMEDIATE CLOSING			●
CHARACTERISTICS			
FLASHING LIGHT connection	●	●	●
CYCLE LIGHT connection	●	●	●
COURTESY LIGHT connection	●	●	●
Antenna	●	●	●
OPEN ALERT LIGHT connection	●		●
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●
OPERATING TIME adjusting	●		●
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●
OPENING and/or CLOSING slow downs	●	●	●
EMERGENCY BATTERY operation (optional)	●		●
Adjustable TRAVEL and SLOW-DOWN speeds*	●		●
DISPLAY	●	●	●
SELF-LEARNING opening and closng limit-switches	●		●
CAME Connect	●		
Designed to fit RIO System 2.0	●		
CRP control	●		
ENERGY SAVING management control (Green Power Module)	●	●	●

● 24 V DC

NOTE
* The partial opening can be activated via button, selector and transmitter.

AUTOMATIC BARRIERS



140 SELECTION GUIDE
148 GARD PX
152 GARD GT4
158 GARD GT8
164 GARD LS4
170 GARD LS6
174 GARD 12
176 UNIPARK
178 CAT
180 CONTROL BOARD FUNCTIONS

SELECTION GUIDE

AUTOMATIC BARRIERS

The table summarizes the series and models with their corresponding operating limits according to maximum net clearance width.

SERIES	MODELS	MAX. NET CLEARANCE WIDTH (m)
GARD PX	803BB-0120	3,8
GARD LS4	803BB-0410	3,8
GARD LS4	803BB-0430	3,8
GARD LS4	803BB-0440	3,8
GARD GT4	803BB-0160	5
GARD GT4	803BB-0280	5
GARD GT4	803BB-0240	5
GARD GT4	803BB-0260	5
GARD LS6	803BB-0490	6,5
GARD LS6	803BB-0510	6,5
GARD LS6	803BB-0520	6,5
GARD GT8	803BB-0180	7.8
GARD GT8	803BB-0290	7.8
GARD GT8	803BB-0250	7.8
GARD GT8	803BB-0270	7.8
GARD 12	G12000K	12

● 24 - 36 V DC

TECHNICAL CHARACTERISTICS

MAX. NET CLEARANCE WIDTH (M)	3,8 m	3,8 m	5 m	6,5 m	7,8 m	12 m
MODELS	GARD PX	LS4	GT4	LS6	GT8	G12000
MCBF (MLN)	10	1,5	3	1.5	3	0,6
DUTY CYCLE	Continuous	300 c/h	350 c/h	160 c/h	160 c/h	50%
SKIRT	-	●	●	●	●	-
FULL-HEIGHT SKIRT	-	-	●	-	●	-
BOOM LIGHT	Red/Green	Red/Green	Red/Green	Red/Green	Red/Green	-
BARRIER LIGHT	Red/Green	Red/Green	Red/Green	Red/Green	Red/Green	-
RELEASE SYSTEM	●	●	●	●	●	-
ARTICULATED ARM	●	●	●	-	-	-
ELECTRIC LOCK	-	-	●	-	●	-
ROAD SIGN SUPPORT	-	-	●	-	●	-
CAME CONNECT	●	●	●	●	●	-
MODBUS OPEN PROTOCOL	●	●	●	●	●	-
OPEN/CLOSED POSITION CONTACT	●	Optional	●	Optional	●	-
STAINLESS STEEL CABINET	-	AISI 304	AISI 304/316	AISI 304	AISI 304/316	-
CUSTOMIZED RAL COLOR	●	●	●	●	●	-
HEATING	●	●	●	●	●	-
EMERGENCY BATTERIES	●	●	●	●	●	●

PARKING GUARD AND CHAIN BARRIER

The tables summarize the series and models with their respective operating limits according to the maximum width of the parking place or the maximum clearance width.

SERIES	MODELS	MAX CLEARANCE WIDTH OF PARKING SPACE (m)
UNIPARK	UNIP + ARK1	2
UNIPARK	UNIP + ARK2	2,45

SERIES	MODELS	MAX. NET CLEARANCE WIDTH (m)
CAT	CAT-5	8
CAT	CAT-15	16

● 230 V AC ● 24 V DC



SINGLE BARRIERS FOR SINGLE HOMES

CAME barriers can be used to control small apartment building parking facilities.



HEAVY-SUTY SINGLE OR DOUBLE BARRIERS

You can manage heavily trafficked parking facilities such as at company parking lots, auto dealerships or even private parking areas.



PARKING-FACILITY BARRIERS

The simple, practical solution for controlling transit flows in pay-to-park areas.



BARRIERS FOR VERY WIDE CLEARANCES

CAME barriers are used even for passages where special or oversized vehicles transit.



FOR SINGLE PARKING SPACES

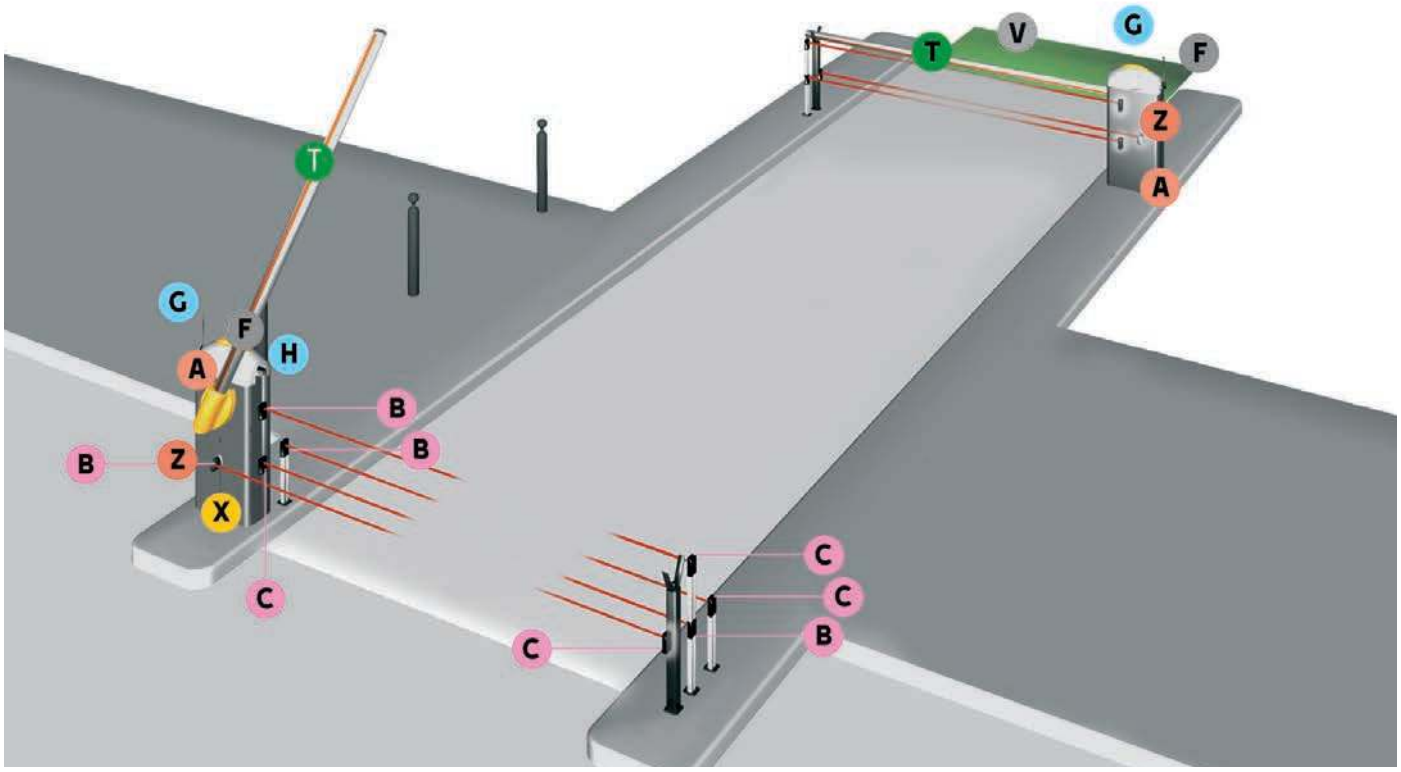
Ideal for apartment-building parking facilities or for authorized staff parking.



FOR MULTIPLE PARKING SPACES

Ideal for small apartment-blocks or when a low-profile barrier is required.

BARRIER



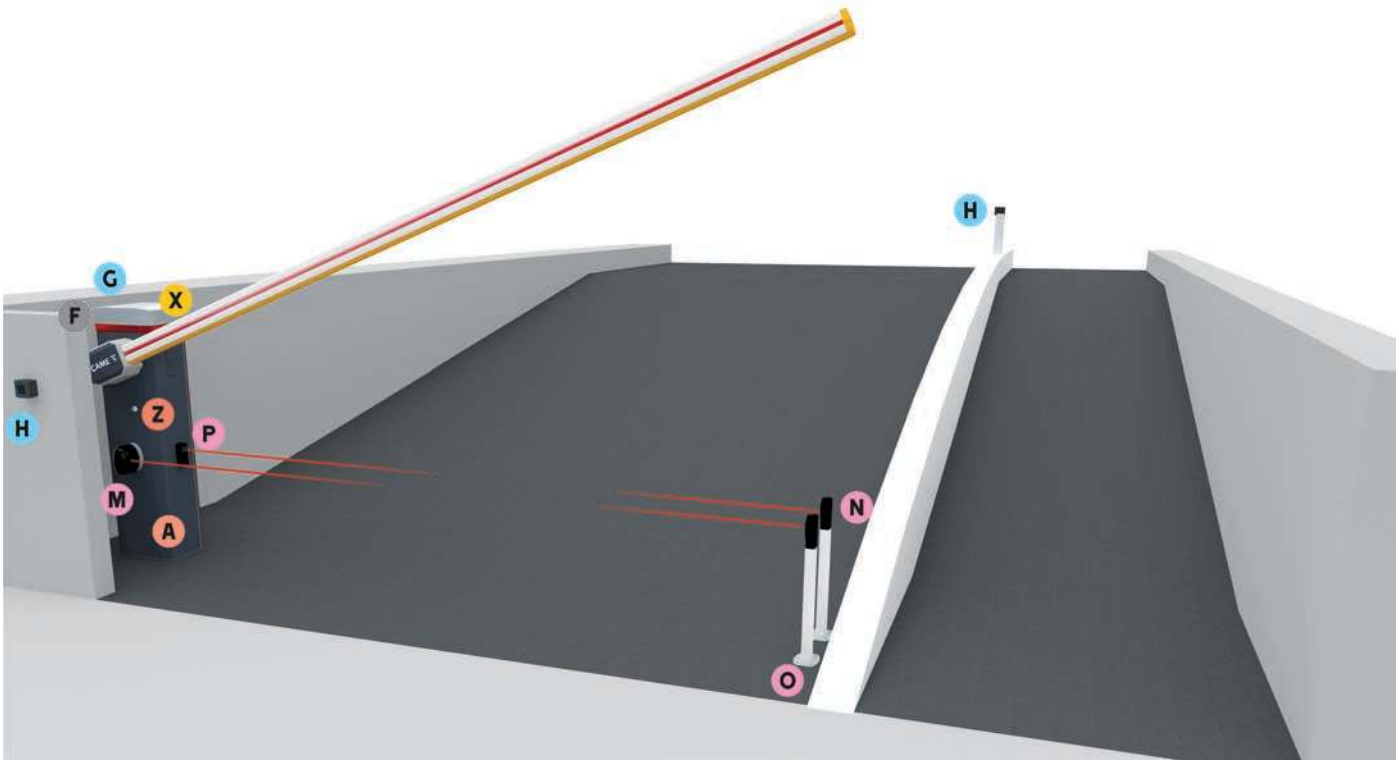
COMPONENTS

- A Barrier
- B TX Photocells
- C RX Photocells
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- T Boom with luminous cord
- X Radio frequency card
- V Metal mass detector sensor
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

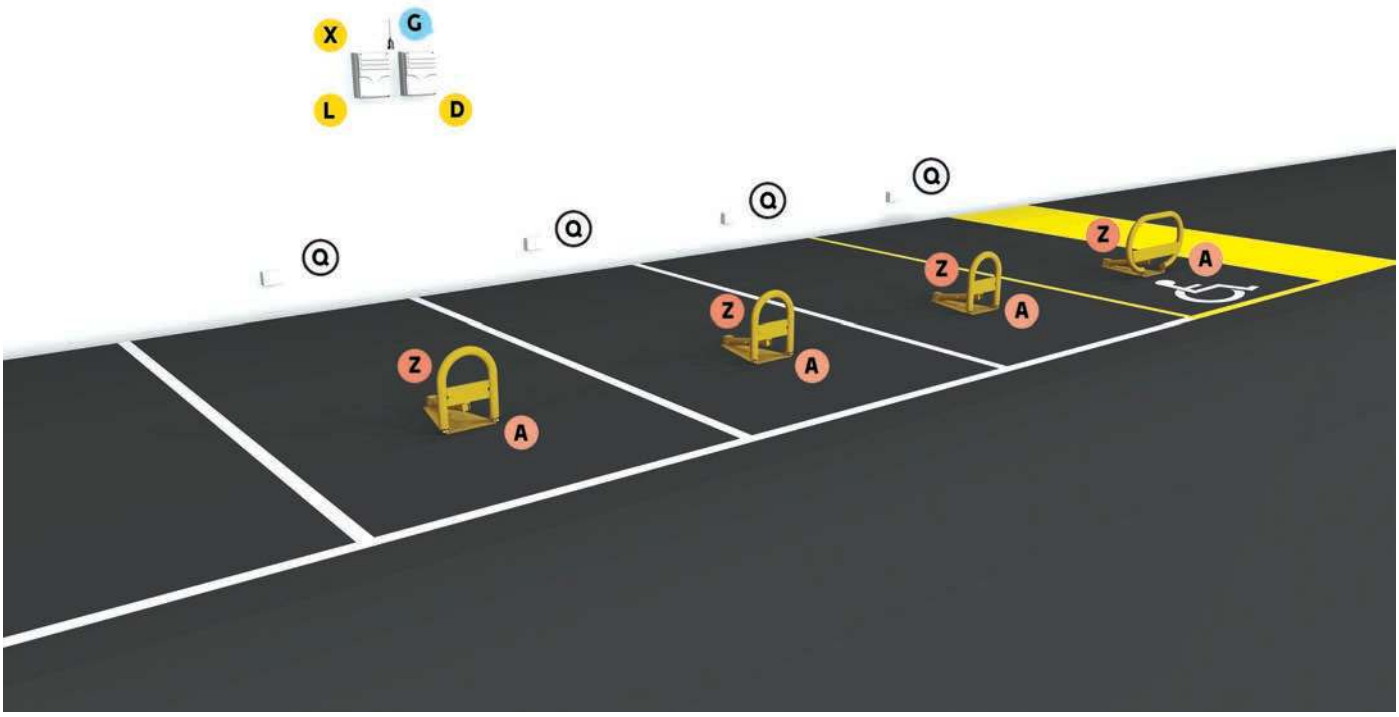
- A Barrier
- F Flashing light
- G Antenna
- H Control switch
  (Key – Code – Card or transponder fob)
- M TX Photocells
- N TX Photocells
- O RX Photocells
- P RX Photocells
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

PARKING GUARD



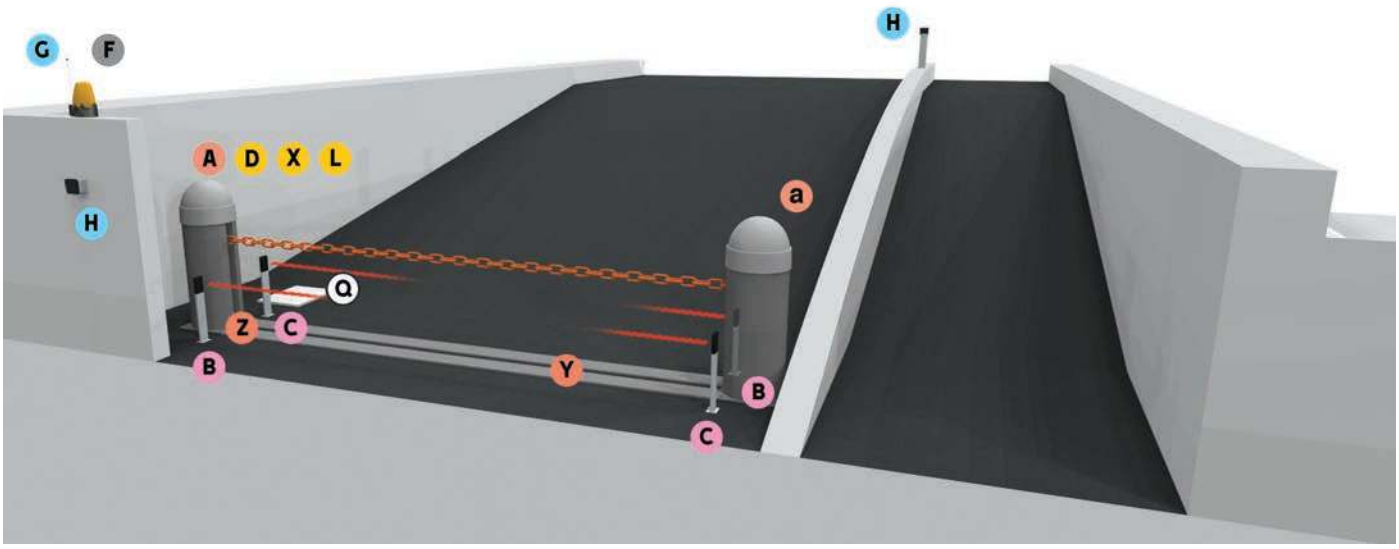
COMPONENTS

- A Gearmotors
- D Control card for operating during power outages
- G Antenna
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

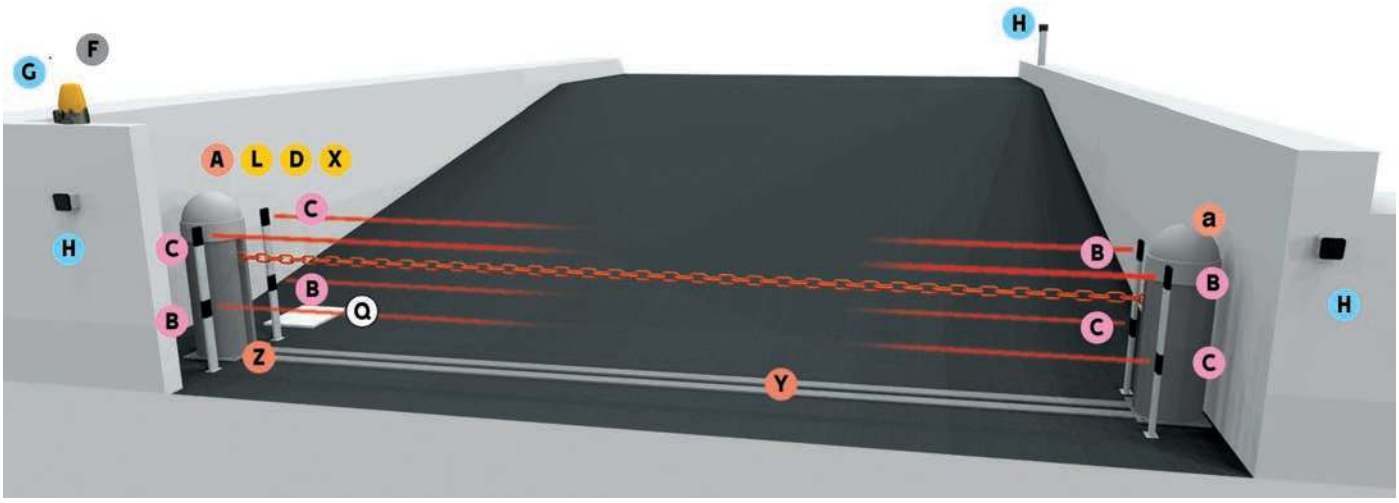
- A Post with gearmotor
- a Post with counter-weight and chain latch
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- L Control panel
- Q Junction box
- X Radio frequency card
- Y Outer chain-protecting guide
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

CHAIN BARRIER WITH TWO-LEVEL PHOTOCELLS



COMPONENTS

- A Post with gearmotor
- a Post with counter-weight and chain latch
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- L Control panel
- Q Junction box
- X Radio frequency card
- Y Outer chain-protecting guide
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



GARD LS6

PERFORMANCE MEETS DESIGN.

FIND OUT MORE ON PAGE 170

CAME

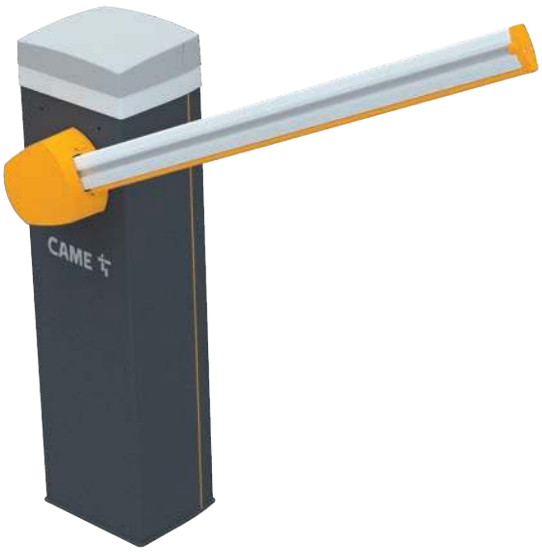
CAME.COM

GARD PX

AUTOMATIC BARRIERS

CONNECT | 36 V | ENCODER | EN TESTED | BRUSHLESS

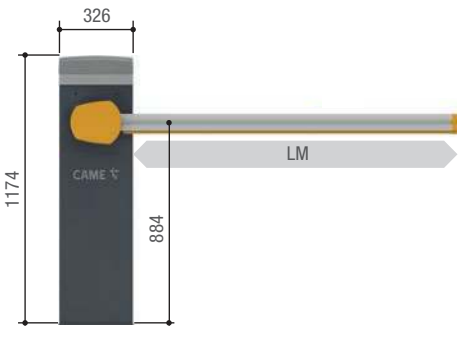
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 3.8 m	10 MILLION CYCLES	CONTINUOUS DUTY	FROM 1 TO 2 SEC

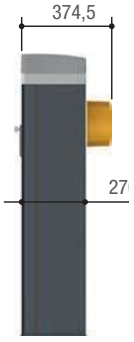


Specific solution with brushless technology for parking facilities and intensive duty cycles

- Brushless motor for high performance and silent operation.
- Continuous use tested for 10 million cycles (MCBF - mean cycle between failures).
- Modern design with galvanized steel cabinet with rough finish.
- Extended range power supply 120 - 230 V AC for energy saving in stand-by mode.
- Boom casing for protection against shearing in opening and closing.
- Available with high visibility red/green LEDs on the crown and on both sides of the boom.
- Available accessory for boom safety release in case of impact for high traffic applications.
- Control board with display.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

DIMENSIONS (mm)





LM = Max. net clearance width



803XA-0180

OPERATIONAL LIMITS

MODEL	803BB-0120
Max. net clearance width (m)	3,8

TECHNICAL CHARACTERISTICS

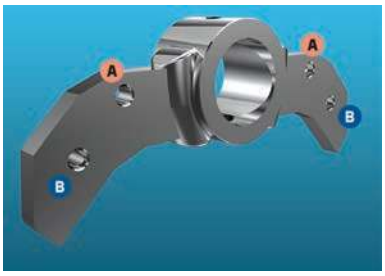
MODEL	803BB-0120
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	100 AC ÷ 240 AC
Power supply to motor (V)	36 DC
Power (W)	270
Opening time at 90° (s)	1 ÷ 2
Duty/cycle (%)	CONTINUOUS DUTY
Operating temperature (°C)	-20 ÷ +55 (-40 with item 803XA-0260)
RAL color	7043

● 36 V DC

CODE	DESCRIPTION	
Barriers with Brushless motor and built-in control panel		
803BB-0120	GPX40MGS - Automatic barrier with irreversible brushless operator; painted galvanized steel cabinet.	
Accessories for: 803BB-0120		
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4,05 m.	
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3,05 m.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
803XA-0140	Luminous red/green LED crown.	
803XA-0200	Auxiliary contacts assembly.	
803XA-0260	Heating system for GARD PX.	
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
Balancing springs		
001G02040	Balancing spring Ø 40 mm.	
001G04060	Balancing spring Ø 50 mm.	
001G06080	Balancing spring Ø 55 mm.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for: 803XA-0050 - 803XA-0051		
803XA-0020	Red/green LED strips for booms up to 4-m long.	
803XA-0150	Red/green LED strip for booms up to 3 m long.	
803XA-0160	Red/green LED strip for jointed boom up to 2 m long.	
803XA-0190	Connection kit between LED strips for boom with joint.	
803XA-0180	HD (Heavy Duty) joint for 90 x 35 mm boom.	
803XA-0620	Detachable rod attachment 90 x 35 mm. Upon impact, the pivoting attachment releases the rod and the end rests on the ground.	
001G02807	Fixed rest.	
001G02809	Package of 20 red, reflective, adhesive strips.	
24 V accessories for: 803BB-0120		
806SA-0100	Control card kit for operating during power outages and for recharging batteries, with battery housing.	
009SMA	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	



FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.
The spring attachment points A and B refer to the table above.

IMPORTANT:
In case of installation of the 803XA-0180 joint, consult the technical manual for selecting the spring.

SPRING SELECTION GUIDE FOR 803XA-0050 – 803XA-0051 BOOM

SPRINGS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm			
	LATERAL CLEARANCE WIDTH (m)			
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,75
SPRING FASTENING HOLE	A	B	A	B
Boom with shock-resistant fender	●	●	●	●
Boom with shock-proof profile and LED strip	●	●	●	●

ATTENTION
* For maximum clearances greater than 3 m, you must use the G02807 fixed rest.



LUMINOUS BOOM, MAXIMUM SAFETY

The new GARD PX Brushless barriers let you install, as an accessory, the special luminous crown that uses red and green light to signal the boom's position.

GARD GT4

AUTOMATIC BARRIERS

CONNECT · 24 V · EN TESTED · CXN BUS · ENCODER

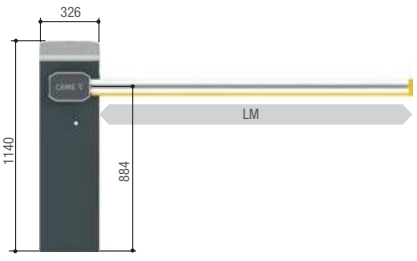
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 5 m	3 MILLION CYCLES	350 CYCLES/HOUR	FROM 2 TO 6 SEC



Designed for heavy use and high traffic flows

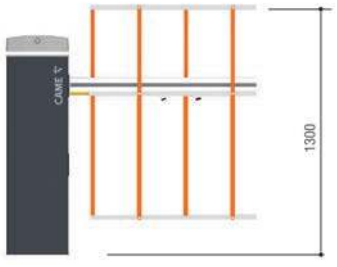
- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 350 cycles/hour with MCBF 3 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 and AISI 316 steel, or in customized color.
- Control board with display, CONNECT technology and inputs for CXN BUS accessories.
- Accessories that can be integrated directly into the cabinet.
- High visibility red/green LEDs on the crown and on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

DIMENSIONS (mm)





LM = Max. net clearance width



803XA-0350

OPERATIONAL LIMITS

MODELS	803BB-0160	803BB-0280	803BB-0240	803BB-0260
Max. net clearance width (m)	5	5	5	5

TECHNICAL CHARACTERISTICS

MODELS	803BB-0160	803BB-0280	803BB-0240	803BB-0260
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Power (W)	240	240	240	240
Opening time at 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6	2 ÷ 6
Cycles/Hour @ 55°C	350	350	350	350
Cycles/Hour @ 60°C	300	300	300	300
Operating temperature (°C)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)
RAL color	7024	RAL X	-	-

● 24 V DC

CODE	DESCRIPTION	
230 V AC barriers with encoder and 24 V DC operator and built-in control panel		
803BB-0160	GGT40AGS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing spring included.	
803BB-0280	GGT40ACS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel cabinet with glossy (orange peel) finish in customized RAL painting and set up for fitting accessories. Balancing spring included.	
803BB-0240	GGT40AX4 - Automatic barrier with irreversible 24 V DC operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing spring included.	
803BB-0260	GGT40AX6 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 316 satin-finish steel cabinet with set up for fitting accessories. Balancing spring included.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for barriers		
803XA-0270	White painted aluminum boom, 90 x 60 mm, with internal reinforcement, groove cover-strip and shock-proof rubber profile. Length: 4,22 m.	
803XA-0640	White painted aluminum modular boom, consisting of: no. 2 booms 90 x 60 L = 2610 mm, joint, internal reinforcement, hollow cover profiles and shockproof rubber profile.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
803XA-0300	Auxiliary contacts unit for detecting the boom position.	
803XA-0280	Luminous red/green LED crown.	
001G02802	Support for fitting DIR-series photocells.	
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
001PSRT01	Heater kit with thermostat.	
806XG-0080 CXN	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	

NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest
803XA-0640 cannot be used with 803XA-0350, 803XA-0340 e 803XA-0330.

CODE	DESCRIPTION	
Accessories for: 803XA-0270		
803XA-0320	Detachable boom attachment for GARD GT4. After impact, the pivoting hook releases the boon and the end rests on the ground.	
803XA-0310	HD (Heavy Duty) joint for 90 x 60 mm boom.	
001G02807	Fixed rest.	
803XA-0360	Magnetic lock for boom and fixed support.	
803XA-0330	Swing rest.	
803XA-0340	Painted aluminum skirt. 1720 mm module complete with junction brackets.	
803XA-0350	Full height skirt in painted aluminum. 1720 mm module, H =1300 mm, complete with junction brackets.	
803XA-0440	Swing rest - skirt support bracket.	
803XA-0680	Anti-shift bracket between wardrobe and rack.	
001G02809	Package of 20 red, reflective, adhesive strips.	
803XA-0020	Red/green LED strips for booms up to 4-m long.	
803XA-0150	Red/green LED strip for booms up to 3 m long.	
803XA-0230	Red/green LED strip for booms up to 5 m long.	
803XA-0160	Red/green LED strip for jointed boom up to 2 m long.	
803XA-0190	Connection kit between LED strips for boom with joint.	
803XA-0450	Steel support for road signs.	

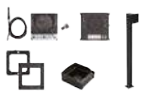
ATTENTION

803XA-0340 - Standard skirt:
- Max. 2 modules for 4-meter boom.

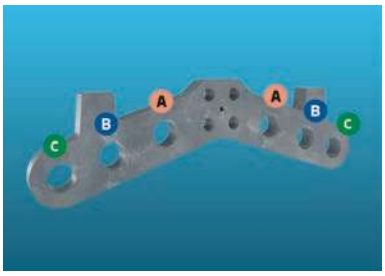
803XA-0350 - Full height skirt:
- Max. 2 modules for 4-meter boom.

When the passage width clearance is greater than 3 m, it is compulsory to use a boom rest to support it (fixed or movable).
With boom over 3.5 meters, LED strip and single skirt it is mandatory to use the fixed support.
With boom over 3.25 meters, LED strip and full-height skirt it is mandatory to use the fixed support.
803XA-0310 and 803XA-0320 cannot be installed together.

THE COMPLETE RANGE

CODE	DESCRIPTION	
24 V DC accessories for barriers		
803XA-0290	Control card kit for operating during power outages and for recharging batteries, with battery housing.	
009SMA	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
EN12453 command and safety detector (type E)		
806XG-0030	Opening and safety detector with laser technology. Two detection areas settable by infrared transmitter. EN12453 (Device E).	
Accessories for: 806XG-0030		
818XG-0019	Remote control for opening and safety detector.	
806XG-0050	Steel support for opening detector and barrier safety.	
806XG-0040	24 V DC power supply for opening and safety detector.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Video entry system kit		
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.	

NOTES:
803XA-0290 - No. 2 12 V – 7 Ah batteries, not supplied.



FITTED FOR BALANCING SPRING

Point A, B and C are the springs' fastening points, depending on the clearance width.
The spring attachment points A, B and C refer to the table above.

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)					
	2,25 < 2,75	2,75 < 3,25	3,25 < 3,50	3,50 < 3,75	3,75 < 4,00	4,00 < 5,00
Boom with LED strip	A	A	A	B	B	C
Boom with LED strip and single skirt	A	B	B	C	C	-
Boom with LED strip and full-height skirt	A	B	C	C	C*	-
Boom with LED strip and swing rest	-	-	B	B	C	-
Boom with LED strip, single skirt and swing rest	B	B	C	-	-	-
Boom with LED strip, full-height skirt and swing rest	B	C	C*	-	-	-

NOTE:
* The boom must be stabilized at 60° opening during the balancing procedure.



SINGLE SPRING BALANCING

CAME's R&D department has developed a practical variable balancing system, which allows using a single spring that can be connected to the balancing lever at different predefined points. It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover.
All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



FULL-HEIGHT FOLDING SKIRT

Suitable for both residential and industrial use, the folding skirt is the ideal solution to prevent access by pedestrians or unauthorized vehicles. GARD GT4 can be equipped not only with a lower skirt, but also with a special full-height solution that can be fully folded to close the gate to a height of 130 cm. This accessory is made of aluminum with white/red painted strips.

GARD GT8

AUTOMATIC BARRIERS

CONNECT · 24 V · EN TESTED · CXN BUS · ENCODER

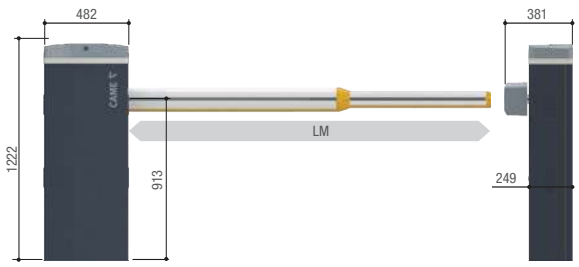
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 7.8 m	3 MILLION CYCLES	160 CYCLES/HOUR	FROM 4 TO 8 SEC



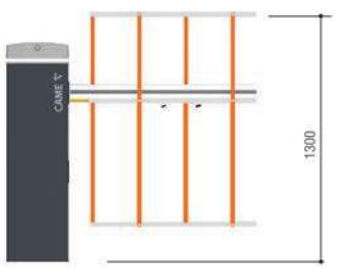
Ideal solution for apartment blocks and industrial plants

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 160 cycles/hour with MCBF 3 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 and AISI 316 steel, or in customized color.
- Control board with display, CONNECT technology and inputs for CXN BUS accessories.
- Accessories that can be integrated directly into the cabinet.
- High visibility red/green LEDs on the crown and on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

DIMENSIONS (mm)



LM = Max. net clearance width



803XA-0350

OPERATIONAL LIMITS

MODELS	803BB-0180	803BB-0290	803BB-0250	803BB-0270
Max. net clearance width (m)	7,8	7,8	7,8	7,8

TECHNICAL CHARACTERISTICS

MODELS	803BB-0180	803BB-0290	803BB-0250	803BB-0270
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Power (W)	300	300	300	300
Opening time at 90° (s)	4 ÷ 8	4 ÷ 8	4 ÷ 8	4 ÷ 8
Cycles/Hour @ 55°C	160	160	160	160
Cycles/Hour @ 60°C	80	80	80	80
Operating temperature (°C)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)	-20 ÷ +60 (-40 with item 001PSRT01)
RAL color	7024	RAL X	-	-

● 24 V DC

CODE	DESCRIPTION	
230 V AC barriers with encoder and 24 V DC operator and built-in control panel		
803BB-0180	GGT80AGS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel and painted cabinet with set up for fitting accessories. Balancing springs included.	
803BB-0290	GGT80ACS - Automatic barrier with irreversible 24 V DC operator with encoder; galvanized steel cabinet with glossy (orange peel) finish in customized RAL painting and set up for fitting accessories. Balancing springs included.	
803BB-0250	GGT80AX4 - Automatic barrier with irreversible 24 V DC operator with encoder; AISI 304 satin-finish steel cabinet with set up for fitting accessories. Balancing springs included.	
803BB-0270	GGT80AX6 - Automatic barrier with irreversible 24 V DC operator with encoder; AISI 316 satin-finish steel cabinet with set up for fitting accessories. Balancing springs included.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for barriers		
803XA-0400	White painted aluminum boom, 130 x 85 mm, with internal reinforcement, groove cover-strip and shock-proof rubber profile. Length: 4,34 m.	
803XA-0410	White painted aluminum boom 130 x 85 mm, complete with internal reinforcement, hollow covering profiles and shockproof rubber profile. Length: 6.35 m.	
803XA-0420	White painted aluminum modular boom, complete with cap, composed by: no. 1 boom 90 x 60 L = 4.22 m, no. 1 boom 130 x 85 L = 4.34 m, hollow cover profiles and shockproof rubber profile.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
803XA-0380	Auxiliary contacts unit for detecting the boom position.	
803XA-0430	Luminous red/green LED crown.	
803XA-0240	Red/green LED strip for booms up to 6.5 m long.	
803XA-0250	Red/green LED strip for booms up to 8 m long.	
001G02802	Support for fitting DIR-series photocells.	
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
001PSRT01	Heater kit with thermostat.	
806XG-0080 CXN	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	

NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

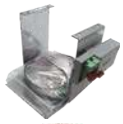
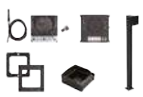
CODE	DESCRIPTION	
Accessories for: 803XA-0400 - 803XA-410		
803XA-0350	Full height skirt in painted aluminum. 1720 mm module, H =1300 mm, complete with junction brackets.	
Accessories for: 803XA-0400 - 803XA-0410 - 803XA-0420		
001G02807	Fixed rest.	
803XA-0360	Magnetic lock for boom and fixed support.	
803XA-0330	Swing rest.	
803XA-0340	Painted aluminum skirt. 1720 mm module complete with junction brackets.	
803XA-0390	Removable attachment for 130 x 85 mm rod. Upon impact, the pivoting attachment releases the rod and the end rests on the ground.	
001G02809	Package of 20 red, reflective, adhesive strips.	
803XA-0440	Swing rest - skirt support bracket.	
803XA-0680	Anti-shift bracket between wardrobe and rack.	
803XA-0450	Steel support for road signs.	

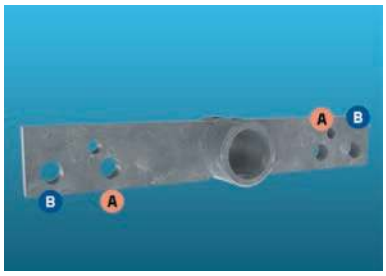
NOTES:
The fixed rest for boom 001G02807 must OBLIGATORILY be used for clearance widths greater than 7 m.
The swing rest 803XA-0330 is for a clearance width up to 7 m.

ATTENTION

803XA-0340 - Standard skirt: Max. 2 modules for 4-meter boom; Max. 3 modules for 6-meter boom; - 4 modules up to max. 7-meter boom.
803XA-0350 - Full height skirt: Max. 2 modules for 4-meter boom; Max. 3 modules for 6-meters boom; Not compatible with modular boom 803XA-0420.
When the passage width clearance is greater than 4 m, it is compulsory to use a boom rest to support it (fixed or movable).
803XA-0390: Not compatible with skirts 803XA-0350 - 803XA-0340. Maximum boom length: 6 m.

THE COMPLETE RANGE

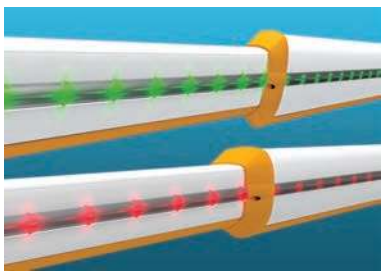
CODE	DESCRIPTION	
24 V DC accessories for barriers		
803XA-0370	Control card kit for operating during power outages and for recharging batteries, with battery housing.	
009SMA	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
EN12453 command and safety detector (type E)		
806XG-0030	Opening and safety detector with laser technology. Two detection areas settable by infrared transmitter. EN12453 (Device E).	
Accessories for: 806XG-0030		
818XG-0019	Remote control for opening and safety detector.	
806XG-0050	Steel support for opening detector and barrier safety.	
806XG-0040	24 V DC power supply for opening and safety detector.	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Video entry system kit		
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.	



FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.
The spring attachment points A and B refer to the table above.

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)						
	4,00 < 4,50	4,50 < 5,00	5,00 < 5,50	5,50 < 6,00	6,00 < 6,50	6,50 < 7,00	7,00 < 7,80
Boom with LED strip	A	A	B	A A	A A	A A	B B
Boom with LED strip and single skirt	B	A A	A A	B B	B B	B B	-
Boom with LED strip and full-height skirt	A A	A A	B B	B B	-	-	-
Boom with LED strip and swing rest	A	B	A A	A A	A A	A A	-
Boom with LED strip, single skirt and swing rest	A A	A A	A A	B B	-	-	-
Boom with LED strip, full-height skirt and swing rest	A A	B B	B B	-	-	-	-



LUMINOUS BOOM, MAXIMUM SAFETY

The new GARD GT8 barriers incorporate as an accessory, the luminous warning device with green or red light, depending on the position of the boom.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover.
All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



FULL-HEIGHT FOLDING SKIRT

Suitable for both residential and industrial use, the folding skirt is the ideal solution to prevent access by pedestrians or unauthorized vehicles. GARD GT8 can be equipped not only with a lower skirt, but also with a special full-height solution that can be fully folded to close the gate to a height of 130 cm. This accessory is made of aluminum with white/red painted strips.

GARD LS4

AUTOMATIC BARRIERS

CONNECT | 24 V | EN TESTED | ENCODER

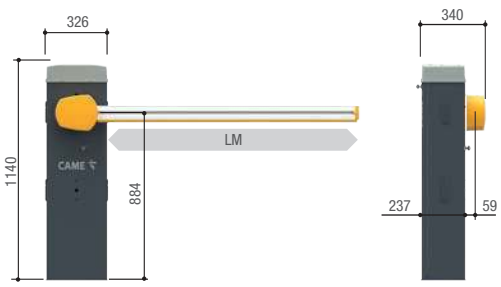
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 3.8 m	1,5 MILLION CYCLES	300 CYCLES/HOUR	FROM 2 TO 6 SEC



Ideal solution for medium to high-traffic flows

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 300 cycles/hour with MCBF 1,5 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 steel, or in customized color.
- Control board with display designed to connect to the Cloud via CAME Connect.
- Accessories that can be integrated directly into the cabinet.
- Set up for high visibility red/green LEDs on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

DIMENSIONS (mm)



LM = Max. net clearance width

OPERATIONAL LIMITS

MODELS	803BB-0410	803BB-0430	803BB-0440
Max. net clearance width (m)	3,8	3,8	3,8

TECHNICAL CHARACTERISTICS

MODELS	803BB-0410	803BB-0430	803BB-0440
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	220-230 AC	220-230 AC	220-230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Power (W)	190	190	190
Opening time at 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6
Cycles/Hour	300	300	300
Operating temperature (°C)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)
RAL color	7024	RAL X	-

● 24 V DC

CODE	DESCRIPTION	
230 V AC barriers with encoder and 24 V DC operator and built-in control panel		
803BB-0410	GLS40AGS - Automatic barrier with irreversible gearmotor 24 V DC with encoder; painted galvanised steel cabinet; accessories available. Balance spring included.	
803BB-0430	GLS40ACS - Automatic barrier with irreversible gearmotor 24 V DC with encoder; glossy (orange peel) finish in custom-RAL painted galvanised steel cabinet; accessories available. Balance spring included.	
803BB-0440	GLS40AX4 - Automatic barrier with irreversible gearmotor 24 V DC with encoder; satin-finish AISI 304 steel cabinet; accessories available. Balance spring included.	

THE COMPLETE RANGE

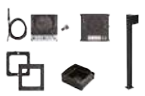
CODE	DESCRIPTION	
Accessories for barriers		
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4,05 m.	
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3,05 m.	
001G0402	Tube section barrier made of white, painted aluminum. Ø 60 mm, boom length: 4.2 m.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
803XA-0300	Auxiliary contacts unit for detecting the boom position.	
001G02802	Support for fitting DIR-series photocells.	
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
803XA-0630	Cartridge heater with thermostat.	
24 V DC accessories for barriers		
806LA-0060 24	KLT1FDSW - Green, white and red LED flashing light with 24 V AC - DC traffic light signaling.	

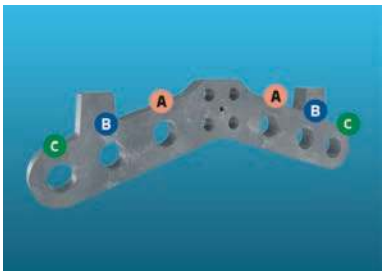
NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

CODE	DESCRIPTION	
Accessories for: 803XA-0050 - 803XA-0051		
803XA-0560	HD (Heavy Duty) joint for 90 x 35 mm boom.	
803XA-0570	Detachable rod attachment 90 x 35 mm. Upon impact, the pivoting attachment releases the rod and the end rests on the ground.	
803XA-0020	Red/green LED strips for booms up to 4-m long.	
803XA-0150	Red/green LED strip for booms up to 3 m long.	
803XA-0160	Red/green LED strip for jointed boom up to 2 m long.	
803XA-0190	Connection kit between LED strips for boom with joint.	
001G02807	Fixed rest.	
803XA-0330	Swing rest.	
803XA-0440	Swing rest - skirt support bracket.	
803XA-0680	Anti-shift bracket between wardrobe and rack.	
803XA-0340	Painted aluminum skirt. 1720 mm module complete with junction brackets.	
001G02809	Package of 20 red, reflective, adhesive strips.	

NOTES:
When the passage width clearance is greater than 3 m, it is compulsory to use a boom rest to support it (fixed or movable).
803XA-0560 and 803XA-0570 cannot be installed together.

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for: 001G0402		
803XA-0590	Attachment for tubular boom 60 mm.	
001G0461	Package of 24 red, reflective, adhesive strips.	
24 V DC accessories for barriers		
803XA-0290	Control card kit for operating during power outages and for recharging batteries, with battery housing.	
009SMA	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
EN12453 command and safety detector (type E)		
806XG-0030	Opening and safety detector with laser technology. Two detection areas settable by infrared transmitter. EN12453 (Device E).	
Accessory for local programming		
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.	
Video entry system kit		
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.	



FITTED FOR BALANCING SPRING

Point A, B and C are the springs' fastening points, depending on the clearance width.
The spring attachment points A, B and C refer to the table above.

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)				
	2,00 < 2,25	2,25 < 2,75	2,75 < 3,25	3,25 < 3,50	3,50 < 3,8
Boom with LED strip	A	A	B	B	C
Boom with LED strip and single skirt	B	B	C	-	-
Boom with LED strip and swing rest	B	B	C	C	-
Boom with single rack	B	B	C	-	-
Boom with mobile stand	B	B	C	C	C



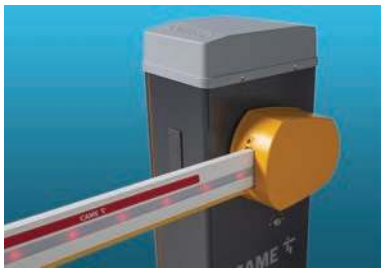
SINGLE SPRING BALANCING

CAME's R&D department has developed a practical variable balancing system, which allows using a single spring that can be connected to the balancing lever at different predefined points. It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover.
All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



RG LED

The LED strip system can be installed on both sides of the boom and regulates access through the traffic light function, which indicates the boom position with a green or red light.

GARD LS6

AUTOMATIC BARRIERS

CONNECT | 24 V | EN TESTED | ENCODER

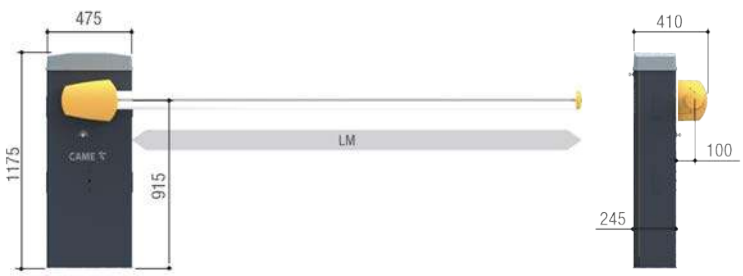
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 6.5 m	1,5 MILLION CYCLES	160 CYCLES/HOUR	FROM 4 TO 6 SEC



Ideal solution for medium to high-traffic flows

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 160 cycles/hour with MCBF 1.5 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 steel, or in customized color.
- Control board with display designed to connect to the Cloud via CAME Connect.
- Accessories that can be integrated directly into the cabinet.
- Set up for high visibility red/green LEDs on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

DIMENSIONS (mm)



LM = Max. net clearance width

OPERATIONAL LIMITS

MODELS	803BB-0490	803BB-0510	803BB-0520
Max. net clearance width (m)	6,5	6,5	6,5

TECHNICAL CHARACTERISTICS

MODELS	803BB-0490	803BB-0510	803BB-0520
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	220-230 AC	220-230 AC	220-230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Power (W)	190	190	190
Opening time at 90° (s)	4 ÷ 6	4 ÷ 6	4 ÷ 6
Cycles/Hour	160	160	160
Operating temperature (°C)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)
RAL color	7024	RAL X	7024

● 24 V DC

CODE	DESCRIPTION	
230 V AC barriers with encoder and 24 V DC operator and built-in control panel		
803BB-0490	GLS60AGS - Automatic barrier with 24 V DC irreversible operator with encoder; galvanized steel and painted cabinet with prearrangement for accessories. Balancing springs included.	
803BB-0510	GLS60ACS - Automatic barrier with 24 V DC irreversible operator with encoder; glossy (orange peel) finish in galvanized steel cabinet with customized RAL painting and prearrangement for accessories. Balancing springs included.	
803BB-0520	GLS60AX4 - Automatic barrier with 24 V DC irreversible operator with encoder; AISI 304 satin-finish steel cabinet with prearrangement for accessories. Balancing springs included.	
Accessories for barriers		
001G06850	White, painted aluminum, tube-section boom, with rubber groove covering profile and internal reinforcement. Ø 100 mm, boom length: 6.85 m.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
803XA-0300	Auxiliary contacts unit for detecting the boom position.	
001G02802	Support for fitting DIR-series photocells.	
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.	
803XA-0630	Cartridge heater with thermostat.	
24 V AC - DC Accessories for barriers		
806LA-0060	KLT1FDSW - Green, white and red LED flashing light with 24 V AC - DC traffic light signaling.	

NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

THE COMPLETE RANGE

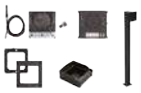
CODE	DESCRIPTION	
Boom accessories		
803XA-0240	Red/green LED strip for booms up to 6.5 m long.	
001G02809	Package of 20 red, reflective, adhesive strips.	
803XA-0660	Detachable attachment for 100 mm tubular boom. After impact, the end of the unhooked boom rests on the ground.	
001G02807	Fixed rest.	
803XA-0330	Swing rest.	
803XA-0440	Swing rest - skirt support bracket.	
803XA-0680	Anti-shift bracket between wardrobe and rack.	
803XA-0340	Painted aluminum skirt. 1720 mm module complete with junction brackets.	
24 V DC accessories for barriers		
803XA-0290 (24)	Control card kit for operating during power outages and for recharging batteries, with battery housing.	
009SMA (24)	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2 (24)	Double-channel magnetic sensor at 24 V for detecting metal masses.	
806XG-0140 (24)	Opening and presence detector with FMCW technology. Three detection areas can be set via app. EN 12453 (Device D).	
Accessories for: 806XG-0140		
806XG-0150	Support for FMCW opening and presence detector for barriers.	
EN12453 command and safety detector (type E)		
806XG-0030 (24)	Opening and safety detector with laser technology. Two detection areas settable by infrared transmitter. EN12453 (Device E).	
Accessories for: 806XG-0030		
818XG-0019	Remote control for opening and safety detector.	
806XG-0050	Steel support for opening detector and barrier safety.	
806XG-0040	24 V DC power supply for opening and safety detector.	

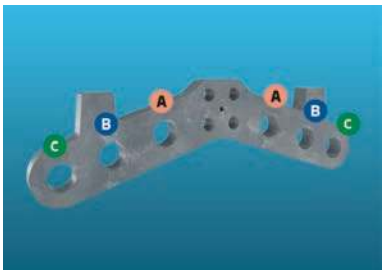
ATTENTION

803XA-0340 - Standard skirt:
- Max. 2 modules for 4-meter boom. - Max. 3 modules for 6-meter boom.
When the passage width clearance is greater than 4 m, it is compulsory to use a boom rest to support it (fixed or movable).

CODE	DESCRIPTION
Accessory for local programming	
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.
Video entry system kit	
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.







FITTED FOR BALANCING SPRING

Point A, B and C are the springs' fastening points, depending on the clearance width.
The spring attachment points A, B and C refer to the table above.

BOOM COMPOSITION	LATERAL CLEARANCE WIDTH (m)						
	3,00 < 3,50	3,50 < 4,00	4,00 < 4,50	4,50 < 5,00	5,00 < 5,50	5,50 < 6,00	6,00 < 6,50
Boom with LED strip	A	A	A	B	C	B B	B B
Boom with LED strip and swing rest	A	A	B	C	B B	B B	C C
Boom with LED strip and skirt	A	B	B B	B B	C C	C C	-
Boom with LED strip, skirt and swing rest	B	B B	B B	C C	-	-	-



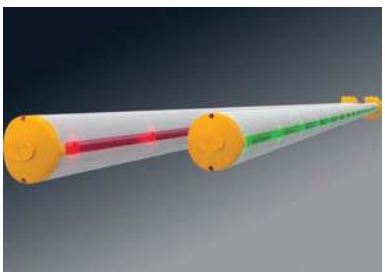
DOUBLE SPRING BALANCING

The CAME R&D department has developed a practical variable balancing system, which allows using two springs connected to the balancing lever at different predefined points. It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover.
All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



RG LED

The LED strip system can be installed on both sides of the boom and regulates access through the traffic light function, which indicates the boom position with a green or red light.

GARD 12

AUTOMATIC BARRIERS

24 V

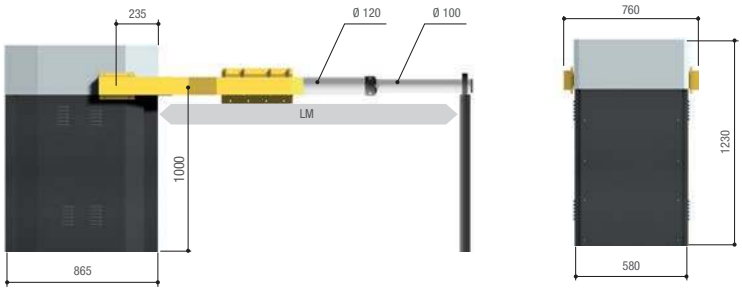
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 12 m	600,000 CYCLES	50 %	10 S



Specific solution for special applications

- Two 24 V DC gearmotors installed on the same axis to offer greater drive torque.
- Balancing with modular counterweights, it guarantees a safe and reliable movement of the boom.
- Sturdy structure with galvanized steel cabinet with rough finish.
- Easy access to the wiring, thanks to the control panel positioned in the upper part of the cabinet.
- Manual release operated with a practical handle, does not require additional tools.

DIMENSIONS (mm)



LM = Max. net clearance width

OPERATIONAL LIMITS

MODEL	G12000K
Max. net clearance width (m)	12

TECHNICAL CHARACTERISTICS

MODEL	G12000K
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Absorption (A)	15 Max.
Power (W)	300
Opening time at 90° (s)	10
Duty/cycle (%)	50
Torque (Nm)	600
Operating temperature (°C)	-20 ÷ +55
RAL color	7043

● 24 V DC

CODE	DESCRIPTION	
Barriers with 24 V DC gearmotor and built-in control panel		
001G12000K 24	Barrier made of painted, galvanized steel.	
Accessories for: 001G12000K		
001G0121	White painted aluminum tube boom, with end cap, made up of:L one fixed rest, one tube boom L = 6,200 mm Ø 120 mm, one tube boom L = 6,000 mm Ø 100 mm, one boom extender accessory.	
001G1325	Package of 20 counter-weights.	
Accessories for: 001G0121		
001G0461	Package of 24 red, reflective, adhesive strips.	
24 V accessories for: 001G12000K		
002LB38 24	Circuit board for emergency operation and battery charging.	
009SMA 24	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2 24	Double-channel magnetic sensor at 24 V for detecting metal masses.	

NOTES:
002LB38 - Three 12 V - 7 Ah batteries (not supplied), set up a suitable external battery housing that can fit in the barrier cabinet on: 001G12000K

UNIPARK

AUTOMATIC BARRIERS

24 V

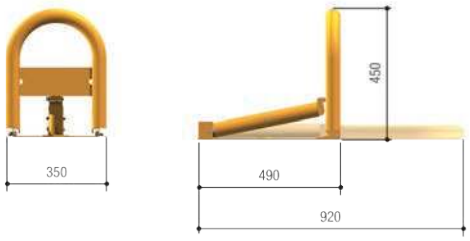
PARKING SPACE MAXIMUM WIDTH	SPACES EXTENSION	USE
UP TO 2.45 m	MAX 4	HEAVY-DUTY



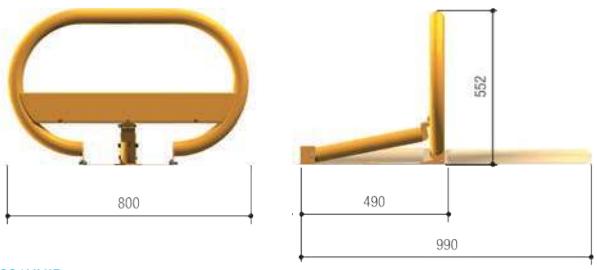
Parking saver for residential settings and public spaces

- Solution controllable via radio, to reserve the parking space.
- Simple and functional fixing base.
- It works in emergency mode during power outages.
- Safety is ensured by the amperometric obstruction-detecting and limit-switch controlling device.
- Available in 2 models: small and large.
- Built in galvanized steel and painted RAL 1028 with textured finish.

DIMENSIONS (mm)



001UNIP
001ARK1



001UNIP
001ARK2

OPERATIONAL LIMITS

MODELS	UNIP + ARK1	UNIP + ARK2
Max clearance width of parking space (m)	2	2,45

NOTE: Colore RAL 1028

TECHNICAL CHARACTERISTICS

MODELS	UNIP
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 AC
Absorption (A)	1,7 Max.
Power (W)	20
Duty/cycle (%)	HEAVY-DUTY
Resistance to crushing (kg/cm²)	2,5
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

CODE	DESCRIPTION	
Parking guard barriers with 24 V DC gearmotor		
001UNIP 24	Irreversible gearmotor with fastening plate.	
Accessories for parking barriers		
001ARK1	SMALL barrier.	
001ARK2	LARGE barrier.	
24 V DC control panels for parking barriers		
801QA-0030 24	Control panel for a parking barrier, extendable up to 4 barriers with n. 3 801XC-0110 boards.	
Accessories for: 801QA-0030		
801XC-0110 24	LM22N - Extension board for one motor.	
002LB22 24	Circuit board for emergency operation and battery charging.	

NOTES:
002LB22 - No. 2 12 V – 1.2 Ah batteries, not supplied.

CAT

AUTOMATIC BARRIERS

24 V

CONNECT

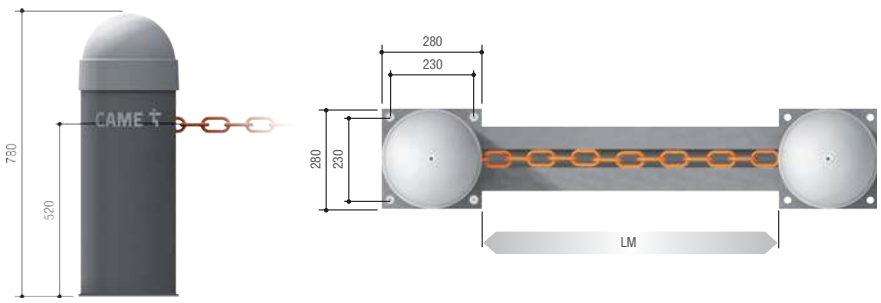
PASSAGE WIDTH CLEARANCE	CHAIN TYPE	USE
UP TO 16 m	5 OR 9 mm	HEAVY-DUTY



Solution for access management in private and public settings

- CAME patented device for the management of reserved areas and private accesses.
- Sturdy and impact-resistant steel structure.
- Quick and simple installation.
- Guides to guarantee the chain protection with open passage.
- 24 V DC version available for obstacle detection and chain speed adjustment.

DIMENSIONS (mm)



LM = Max. net clearance width

OPERATIONAL LIMITS

MODELS	CAT-15 (5 mm chain)	CAT-5 (9 mm chain)
Max. net clearance width (m)	16	8

NOTES: Cover color RAL 7040 - Cabinet color RAL 7024

TECHNICAL CHARACTERISTICS

MODELS	803BC-0010	803BC-0020	803BC-0040	803BC-0050
Protection rating (IP)	24	24	24	24
Power supply (V - 50/60 Hz)	220-230 AC	220-230 AC	220-230 AC	220-230 AC
Power supply to motor (V)	230 AC	24 DC	230 AC	24 DC
Absorption (A)	3,8	2,7	3,8	2,7
Power (W)	880	540	880	540
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 230 V AC ● 24 V DC

THE COMPLETE RANGE

CODE	DESCRIPTION
230 V AC chain barriers with motor	
803BC-0010	CAT1AAGS - Post with 230 V gearmotor and built-in control panel.
803BC-0040	CAT1AACS - Post with 230 V gearmotor and built-in control panel; custom galvanized and RAL-painted steel column.
24 V DC chain barriers with motor	
803BC-0020	CAT1DAGS - Post with 24 V gearmotor and built-in control panel.
803BC-0050	CAT1DACS - Post with 24 V gearmotor and built-in control panel; custom RAL painted and galvanized steel column.
Post for chain barriers	
803BC-0030	CAT2NNGS - Post with counter-weight and chain latch.
803BC-0060	CAT2NNCS - Post with counterweight and chain coupling; column in galvanized steel and custom RAL painted.
Accessories	
001CAT-5	Genovese-type, 9 mm chain for clearances of up to 8 m.
001CAT-15	Genovese-type, 5 mm chain for clearances of up to 16 m.
001CAR-2	Above-round, chain protection guide L = 2 m.
001CAR-4	Underground, chain protection guide L = 2 m.
Accessories for 24 V versions	
002RLB	Circuit board for emergency operation and battery charging.
Electronic accessories for 24 V versions	
001R700	Control board for decoding and access-control management via transponder selector.
001R800	Control board for decoding and access-control management via keypad selectors.
Accessory for local programming	
806SA-0110	CAME KEY - Smart interface for local setting of automation via App.










NOTES:
002RLB No. 2 12 V - 1.2 Ah batteries not supplied.



ELEGANT AND CUSTOMIZABLE FINISH

CAT posts are made of galvanized steel, painted in RAL 7024 gray color, elegant and refined for any surroundings, including historic and exclusive settings.
The light gray RAL 7040 top cap and orange steel chain ensure maximum visibility and safety.
On request, CAT is available in custom finish based on any RAL.

CONTROL BOARD FUNCTIONS

The table shows all of the characteristics of the street barrier control-panels.

MODELS / SERIES	GARD PX	GARD GT4 GARD GT8	GARD LS4 GARD LS6
CONTROL BOARD / CONTROL PANEL	ZLB30B	ZL392B	ZL392C
SECURITY			
SELF-DIAGNOSING safety decives	●	●	●
PRE-FLASHING when opening and closing	●	●	●
REOPENING during closing	●	●	●
CLOSING AGAIN during opening		●	●
Obstruction WAIT		●	●
TOTAL STOP	●	●	●
PARTIAL STOP	●	●	●
OBSTRUCTION DETECTION in front of photocells	●	●	●
ENCODER	●	●	●
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.	●	●	●
AMPEROMETRIC DETECTION	●	●	●
COMMAND			
PEDESTRIAN OPENING 1 leaf			
PARTIAL OPENING 1 leaf		●	●
OPEN ONLY from transmitter and/or from button	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●
MAINTAINED ACTION	●	●	●
DELAYED OPENING 1st leaf			
DELAYED OPENING 2nd leaf			
IMMEDIATE CLOSING	●	●	●
EMERGENCY RELEASE from the transmitter			
CHARACTERISTICS			
FLASHING LIGHT connection	●	●	●
CYCLE LIGHT connection	●	●	●
COURTESY LIGHT connection	●	●	●
Antenna	●	●	●
OPEN ALERT LIGHT connection	●	●	●
CLOSED ALERT LIGHT connection		●	●
Contact output for 2nd RADIO CHANNEL			
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●
OPERATING TIME adjusting			
ELECTROLOCK/ELECTROBLOCK connection	●	●	●
SLEEP MODE			
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●
OPENING and/or CLOSING slow downs	●	●	●
EMERGENCY BATTERY operation (optional)	●	●	●
MASTER-SLAVE	●	●	●
Adjustable TRAVEL and SLOW-DOWN speeds*	●	●	●
DISPLAY	●	●	●
Electronic brake			
SELF-LEARNING opening and closng limit-switches	●	●	●
Connection to the solar panel			
Compatible with CONNECT technology	●	●	●
Designed to fit RIO System 2.0			
CRP control	●		
Firmware update from USB	●		
PASSWORD protecting access to functions	●	●	●
MANEUVRE COUNTER	●	●	●
Number of operations setting for MAINTENANCE	●	●	●

● 24 - 36 V DC

NOTE:
* Only available in paired mode

CONTROL BOARD FUNCTIONS

CAME

The table shows the characteristics of the parking system and chain barrier, operator-specific, control panels.

MODELS / SERIES	CAT	CAT	UNIPARK
CONTROL BOARD / CONTROL PANEL	002ZA3P-C	002ZN7-D	ZL22N
SECURITY			
SELF-DIAGNOSING safety decives	●	●	
PRE-FLASHING when opening and closing	●	●	
REOPENING during closing	●	●	●
CLOSING AGAIN during opening			
Obstruction WAIT	●		
TOTAL STOP	●	●	●
PARTIAL STOP			
OBSTRUCTION DETECTION in front of photocells	●	●	
ENCODER			
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.			
AMPEROMETRIC DETECTION		●	●
COMMAND			
PEDESTRIAN OPENING 1 leaf			
PARTIAL OPENING 1 leaf			
OPEN ONLY from transmitter and/or from button	●	●	
ONLY OPEN or ONLY CLOSE button connection	●	●	
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●
MAINTAINED ACTION	●	●	
DELAYED OPENING 1st leaf			
DELAYED OPENING 2nd leaf			
IMMEDIATE CLOSING			
EMERGENCY RELEASE from the transmitter			
CHARACTERISTICS			
FLASHING LIGHT connection	●	●	
CYCLE LIGHT connection			
COURTESY LIGHT connection	●	●	
Antenna	●	●	●
OPEN ALERT LIGHT connection	●	●	
CLOSED ALERT LIGHT connection	●	●	
Contact output for 2nd RADIO CHANNEL	●		
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●
OPERATING TIME adjusting	●	●	
Connection for the ELECTRIC LOCK and/or RAMMING			
SLEEP MODE			
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	
OPENING and/or CLOSING slow downs			
EMERGENCY BATTERY operation (optional)		●	●
MASTER-SLAVE			
Adjustable TRAVEL and SLOW-DOWN speeds*		●	
DISPLAY		●	
Electronic brake			
SELF-LEARNING opening and closng limit-switches			
Connection to the solar panel			
CAME Connect		●	
Designed to fit RIO System 2.0			
CRP control			
Firmware update from USB			

● 230 V AC ● 24 V DC

INDUSTRIAL DOOR AUTOMATION



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SELECTION GUIDE

INDUSTRIAL DOOR AUTOMATION

The table shows the series and models and their operating limits according to the max. length of the leaf or its max. height, depending on the type of application.

SERIES	MODELS	SWING LEAF DOORS MAX. WIDTH OF LEAF (m) / MAX. WEIGHT OF LEAF (kg)
F4000	F4024E	1,5 / 200
F4000	F40230E	2 / 300
F4000	F4024EP	2 / 300
		SINGLE-LEAF FOLDING DOORS MAX. WIDTH OF LEAF (m) / MAX. WEIGHT OF LEAF (kg)
F4000	F4024E	1,2 / 150
F4000	F40230E	1,2 / 200
F4000	F4024EP	1,2 / 200
		SLIDING AND FOLDING SLIDING DOORS MAX. WIDTH OF LEAF (m)
CBX	C-BX	11
CBX	C-BXK	11
CBX	C-BXT	11
		SECTIONAL DOORS WITH DIRECT TRANSMISSION MAX. HEIGHT OF LEAF (m)
CBX	C-BX	5.5
CBX	C-BXK	5.5
CBX	C-BXT	5.5
		CHAIN-DRIVEN SECTIONAL DOORS MAX. HEIGHT OF LEAF (m)
CBX	C-BX	8,5
CBX	C-BXK	8,5
CBX	C-BXT	8,5

● 230 V AC ● 24 V DC ● 230–400 V AC THREE-PHASE

WINDING SHUTTERS

The tables summarize the series and models with their maximum operating limits only according to the hoisting strength of the gearmotors for roller shutters.

SERIES	MODELS	WINDING SHITTERS MAX. HOISTING STRENGTH (kg)
H4	H40230120	120
H4	H41230120	120
H4	H40230180	180
H4	H41230180	180

● 230 V AC



SECTIONAL DOOR

This operator is generally fitted in automated loading/unloading bays, but is often used as the main closure.



SLIDING DOOR

This operator is widely used in industrial facilities.



FOLDING DOOR

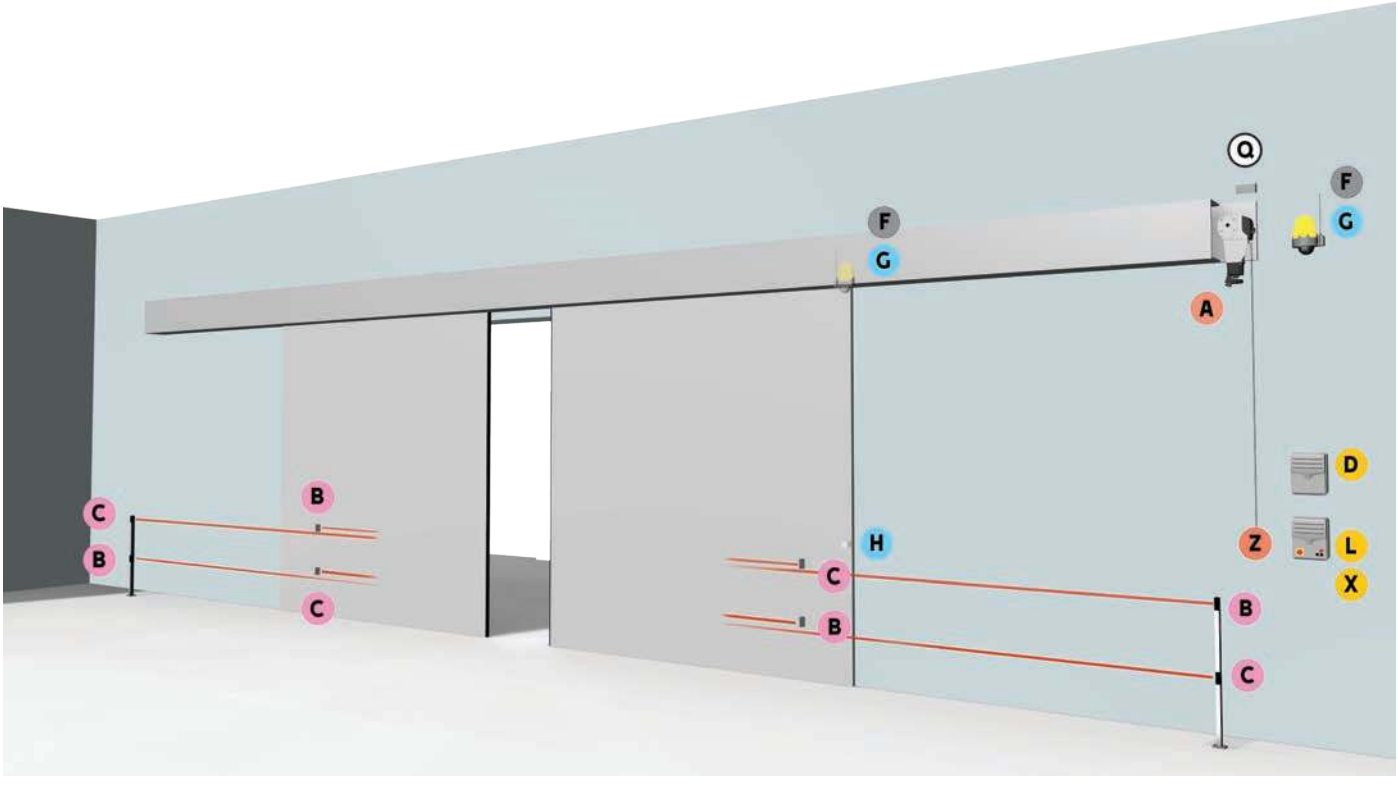
This operator is used to close very wide entrances while limiting, as much as possible, the space taken up laterally when the door is open.

THE FLASHING LIGHT FOR MOVEMENT SIGNALING.

CAME has always suggested installing the flashing light as an additional safety feature for the automation system.
The KRX range, with LED technology, combines energy saving and great reliability with easy installation.
KRX can be integrated with all CAME radio systems, is available in various colors, has a built-in radio antenna and each model can be powered from 24 V DC to 230 V AC.



CHAIN-DRAWN SLIDING DOOR



COMPONENTS

- A Gearmotor
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

FOLDING DOOR WITH POWER-DRIVEN TELESCOPIC-ARM



COMPONENTS

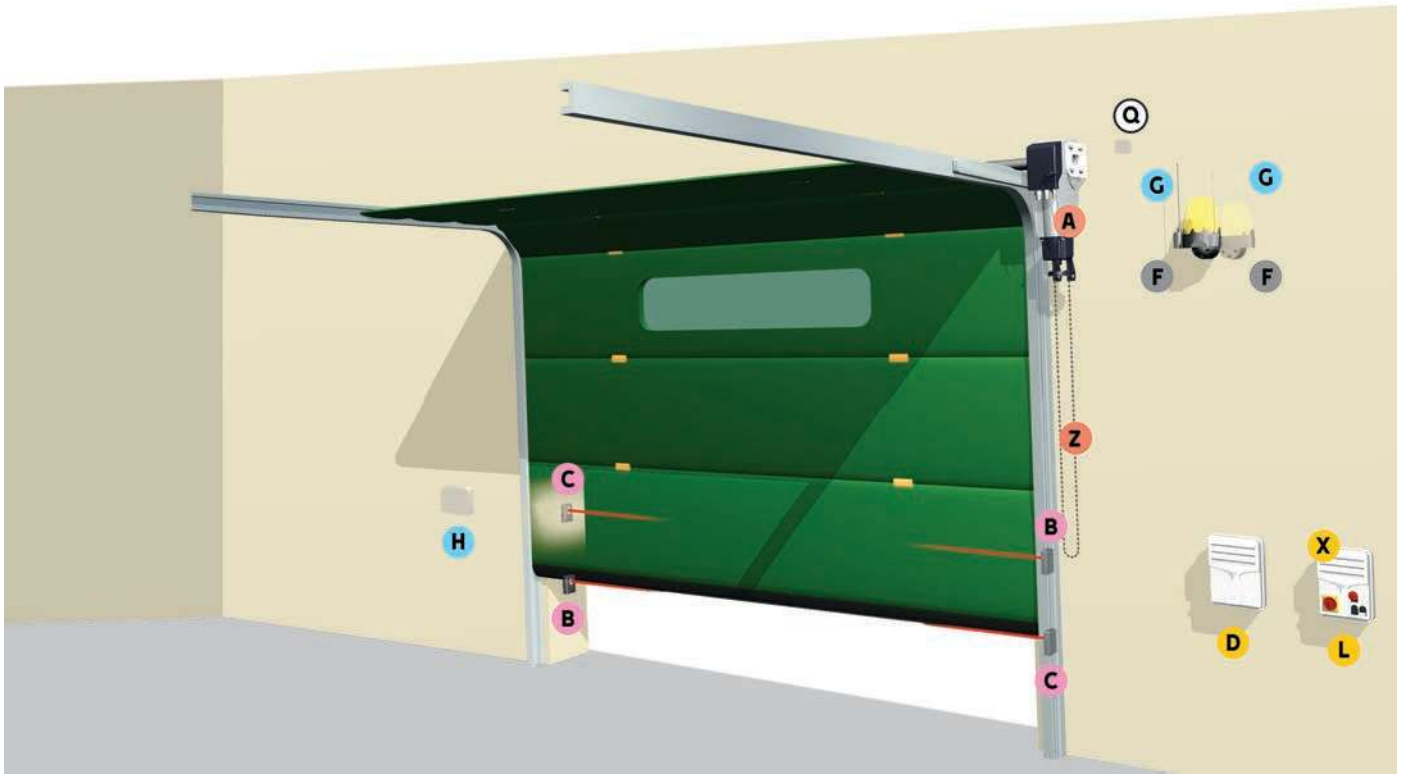
- A Gearmotors
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

SECTIONAL WITH DIRECT DRIVE



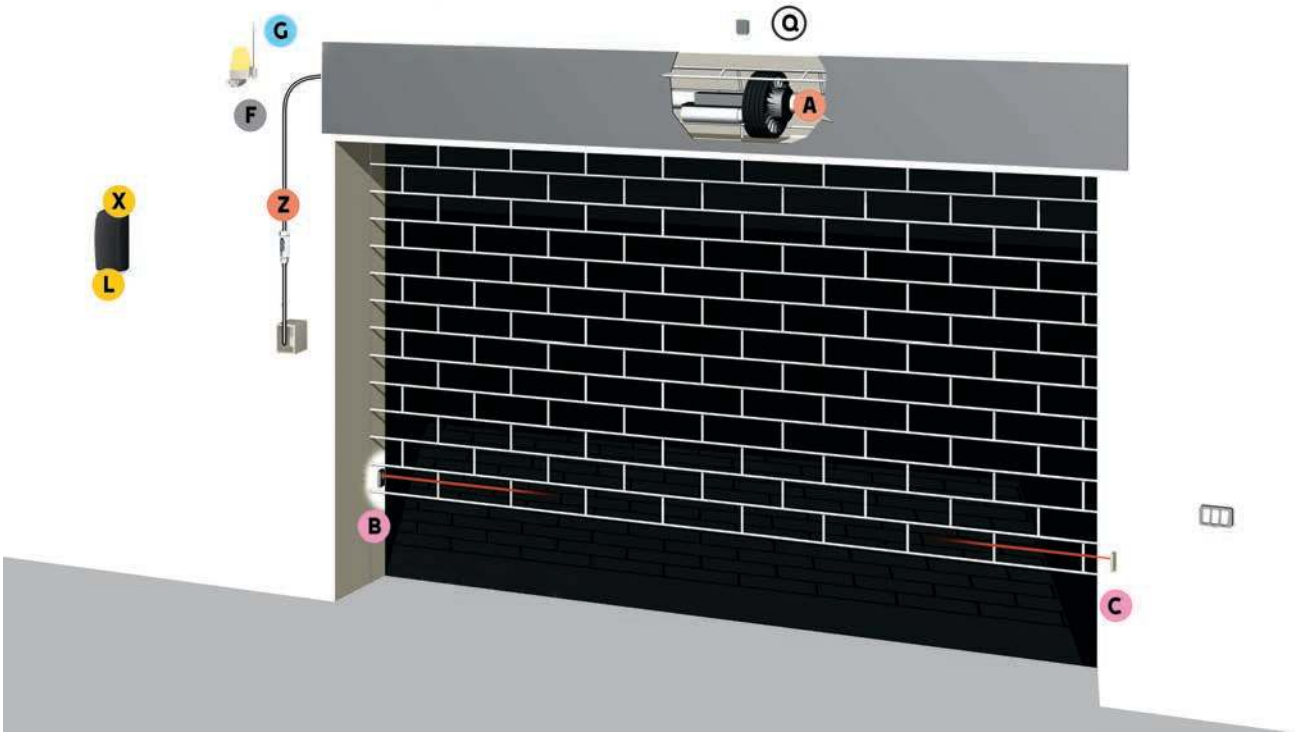
COMPONENTS

- A Gearmotor
- B TX Photocells
- C RX Photocells
- D Control card for operating during power outages
- F Flashing light
- G Antenna
- H Control switch (Key – Code – Card or transponder fob)
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm²	4G x 1.5 mm²	4G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



COMPONENTS

- A Gearmotor
- B TX Photocells
- C RX Photocells
- F Flashing light
- G Antenna
- L Control panel
- Q Junction box
- X Radio frequency card
- Z Release device

CABLES FOR STANDARD INSTALLATIONS

LENGTH OF CABLE (m)	< 10	from 10 to 20	from 20 to 30
Power supply 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 230 V AC	3G x 1.5 mm²	3G x 1.5 mm²	3G x 2.5 mm²
Power supply to motor 24 or 36 V DC	2G x 1.5 mm²	2G x 1.5 mm²	2G x 2.5 mm²
Limit switch micro-switches	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Flashing light 24 V AC - DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Flashing light 230 V AC	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
TX Photocells	2 x 0.5 mm²	2 x 0.5 mm²	2 x 0.5 mm²
RX Photocells	4 x 0.5 mm²	4 x 0.5 mm²	4 x 0.5 mm²
Electric Lock 12 V DC	2 x 1 mm²	2 x 1 mm²	2 x 1.5 mm²
Electric Lock 24 V DC	2 x 1 mm²	2 x 1 mm²	2 x 1 mm²
Control devices	*no. x 0.5 mm²	*no. x 0.5 mm²	*no. x 0.5 mm²
Antenna	RG58 max 10 m		

*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.

F4000

INDUSTRIAL DOOR AUTOMATION

CONNECT · 24 V · EN TESTED · ENCODER · CXN BUS · RIO SYSTEM 2.0 · GREEN POWER

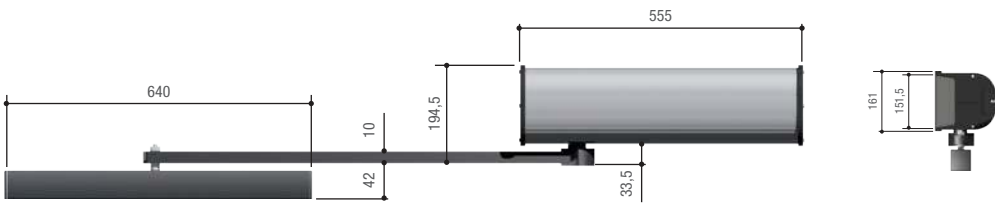
MAX. LEAF LENGTH	MAX. LEAF WEIGHT	USE
UP TO 2 m	UP TO 300 kg	INTENSIVE DUTY



Ideal solution for fitting on swing-leaf and folding doors for industrial use

- 24 V DC and 230 V AC EN tested versions thanks to the electronic management with encoder.
- Quick and simple installation.
- It can be installed either on the right or left thanks the symmetrical inputs on the gear shaft.
- Protection rating against weathering agents (IP54).
- In the 24 V DC versions it is possible to adjust the maneuvering speed, opening and closing slow-down speeds, and electronic detection of the obstacle.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Compliant with Regulation (EU) 2023/826, for energy consumption in off, stand-by and network stand-by modes.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	F40230E · F4024EP	F4024E
SWING LEAF DOORS		
Max. width of leaf (m)	2	1,5
Max. weight of leaf (kg)	300	200
SINGLE-LEAF FOLDING DOORS		
Max. width of leaf (m)	1,5	1,2
Max. weight of leaf (kg)	200	150

TECHNICAL CHARACTERISTICS

MODELS	F40230E	F4024E	F4024EP
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,2	5 max	10 max
Power (W)	235	130	180
Crown turns (rpm)	1,3	1,3	24
Duty/cycle (%)	30	HEAVY-DUTY	HEAVY-DUTY
Thrust (N)	340	360	470
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Reduction ratio (i)	1/150	1/150	1/150
Motor's heat protection (°C)	150	-	-

● 230 V AC ● 24 V DC

CODE	DESCRIPTION	
230 V AC gearmotors tested to be compliant with regulatory standards EN 12453		
001F40230E	Irreversible gearmotor with encoder.	
Control panels for 230 V AC gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0120	ZLX230M - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Digital Torque Control, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0130	ZLX230S - Multifunctional control panel, with 230 V AC power supply, for 230 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Digital Torque Control,CXN BUS, 4 safety inputs, Time programmer and storage for up to 1000 users.	
002ZM3EC	Multifunction control panel for two-leaved doors, complete with safety lock and buttons, with graphic programming display and signalling, plus self-diagnosing safety devices.	
24 V DC gearmotors, tested to be compliant with regulatory standards EN 12453		
001F4024E	Irreversible gearmotor with encoder.	
001F4024EP	Irreversible gearmotor with encoder – boosted version.	
Control panels for 24 V gearmotors, tested to be compliant with regulatory standards EN 12453		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	
Accessories for: 801QA-0050 - 801QA-0060		
002RLB	Circuit board for emergency operation and battery charging.	
Energy-saving accessory for 24 V DC control panels		
806XG-0160	Green Power Module - The Green Power module is an innovative accessory that allows you to reduce the energy consumption of your automation during stand-by periods.	
Accessories		
001F4004	Sliding drive-arm with track.	
001CMS	Release handle with customized key and resetting pull-cord L = 7 m.	
001C002	Hanging release system.	
CXN BUS interface for: 801QA-0050 - 801QA-0060 - 801QA-0120 - 801QA-0130		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	

CBX

INDUSTRIAL DOOR AUTOMATION

CONNECT

400 V

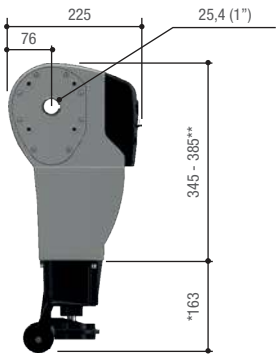
MAX. LEAF HEIGHT	SHAFT Ø	USE
UP TO 11 m	25.4 mm (1")	20 CYCLES/HOUR



Ideal solution for sectional, sliding or folding door applications for industrial use

- C-BXK offers more torque for moving very heavy doors at 230 V AC.
- It can open manually by using the handy winch device.
- Possibility of horizontal and vertical installation for greater versatility.
- 230 - 400 V AC three-phase version, equipped with encoder, to guarantee greater thrust and maximum safety.

DIMENSIONS (mm)





* Accessory
** 001C-BXK

OPERATIONAL LIMITS

MODELS	C-BX	C-BXK	C-BXT
DIRECTLY-DRIVEN SECTIONAL DOORS			
Max. height of leaf (m)	5,5	5,5	5,5
CHAIN-DRIVEN SECTIONAL DOORS			
Max. height of leaf (m)	8,5	8,5	8,5
SLIDING AND FOLDING SLIDING DOORS			
Max. height of leaf (m)	11	11	11

TECHNICAL CHARACTERISTICS

MODELS	C-BX	C-BXK	C-BXT
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230-400 V AC THREE PHASE
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230-400 V AC TRIPH. 50/60Hz
Absorption (A)	2,2	3,6	2,5
Power (W)	450	750	750
Crown turns (rpm)	21,5	21,5	21,5
Duty/cycle (%)	30	30	50
Thrust (N)	60	120	80
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150

● 230 V AC ●230 – 400 V AC THREE PHASE

THE COMPLETE RANGE

CODE	DESCRIPTION	
230 V AC Gearmotors		
001C-BX	Gearmotor with mechanical limit-switches.	
001C-BXK	Gearmotor with mechanical limit-switches.	
230 V AC control boards for gearmotors: 001C-BX - 001C-BXK		
801QA-0140 RIO	ZC3N - 230 V control panel for industrial gates with brake function.	
801QA-0150 RIO	ZC3NC - 230 V control panel for industrial doors, with brake function and complete with safety lock and buttons.	
002ZM3EC	Multifunction control panel for two-leaved doors, complete with safety lock and buttons, with graphic programming display and signalling, plus self-diagnosing safety devices.	
230 - 400 V AC three-phase gearmotors		
001C-BXT T	Gearmotor with mechanical limit-switches.	
230 - 400 V AC three-phase control boards for gearmotor: 001C-BXT		
002ZT6N T	Control panel with self-diagnosis of safety devices, configurable C1, CX resistive inputs, external soft start management, maximum number of users: 25.	
002ZT6NC T	Control panel complete with safety lock and buttons with self-diagnosis of safety devices, configurable C1, CX resistive inputs, external soft start management, maximum number of users: 25.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for: SLIDING AND SWING-LEAF DOORS		
009CCT	Simple 1/2” chain.	
009CGIU	Joint for 1/2” chain.	
001C003	Reset system for sliding doors with Z = 26 pinion shaft for gearmotor hollow shaft, chain-tightening reset, gearmotor-anchoring braces and lead-fastening braces.	
001C004	Reset system for folding doors with Z = 26 pinion shaft for gearmotor hollow shaft, chain-tightening reset, gearmotor-anchoring braces and lead-fastening braces.	
Accessories for: SECTIONAL DOORS		
001C011	Chain transmission system with 1:1 ratio, featuring a pinion with Z = 26 for gearmotor hollow shaft, Z = 26 pinion with chain and coupler for 1/2" chain and bracers for anchoring to the gearmotor.	
001C005	Chain-drive system (upper door height at 5.5.m) with Z = 26 pinion shaft for gearmotor hollow shaft, Z = 40 pinion with chain and joint for 1/2” chain and gearmotor-anchoring braces.	
001C006	Package of two drilled braces with Ø 25.4 mm (1”) spring shaft (this accessory is specific for fitting onto doors with direct transmission gearmotor).	
001C007	Accessory with Ø 25 mm spring shaft.	
001C008	Accessory with Ø 40 mm spring shaft.	
001C009	Motor supporting brace with Ø 25.4 mm (1”) spring shaft (specific accessory for fitting onto doors with direct-drive gearmotors).	
801XC-0150	Winch for manual drive with DIN 766 Ø 3 mm chain (chain L = 10 m).	

CODE	DESCRIPTION	
Accessories		
001CMS	Release handle with customized key and resetting pull-cord L = 7 m.	
001C002	Hanging release system.	
001R700	Control board for decoding and access-control management via transponder selector.	
001R800	Control board for decoding and access-control management via keypad selectors.	
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	
24 V accessories for: SECTIONAL DOORS		
806XG-0060 24	Safety sensor for industrial doors using laser technology with a detection zone of max. 10 m × 10 m.	
806XG-0070 24	Safety sensor for industrial doors using laser technology with a detection zone of max. 5 m × 5 m.	
Accessories for: 806XG-0060 - 806XG-0070		
818XG-0019	Remote control for opening and safety detector.	
806XG-0050	Steel support for opening detector and barrier safety.	
806XG-0040	24 V DC power supply for opening and safety detector.	

H4

INDUSTRIAL DOOR AUTOMATION

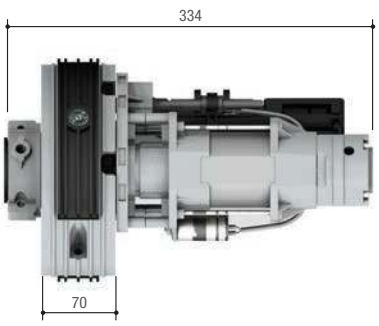
MAX. LIFTING FORCE	IDEAL FOR
180 kg	WINDING SHUTTERS

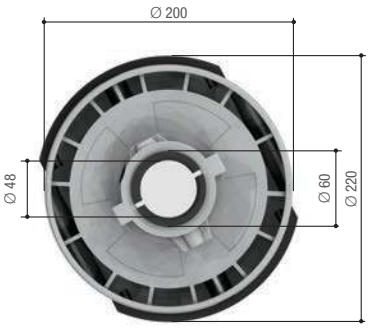


Solution for winding shutters for industrial use

- Operator for most private and business facilities.
- Adaptable to either 48 mm or 60 mm shutter shafts and 200 mm or 220 mm springs.
- Quick and easy travel adjusting.
- Series adaptors for all models.
- Reduction ratio: 1: 150.

DIMENSIONS (mm)





OPERATIONAL LIMITS

MODELS	001H40230120	001H41230120	001H40230180	001H41230180
Max. hoisting strength (kg)	120	120	180	180

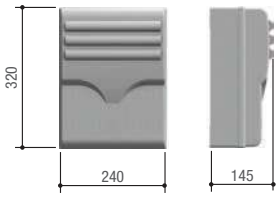
TECHNICAL CHARACTERISTICS

MODELS	001H40230120	001H41230120	001H40230180	001H41230180
Protection rating (IP)	40	40	40	40
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Absorption (A)	1,95	1,95	2,6	2,6
Power (W)	450	450	600	600
Reduction ratio (i)	1/150	1/150	1/150	1/150
Duty/cycle (%)	30	30	30	30
Crown turns (rpm)	10	10	10	10
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	160	160	160	160

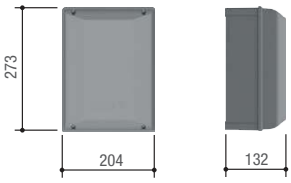
● 230 V AC

CODE	DESCRIPTION	
230 V AC Gearmotors		
001H40230120	230 V AC irreversible operator complete with pull-cord release. Max. lifted weight 120 kg.	
001H41230120	230 V AC reversible operator Max. lifted weight 120 kg.	
001H40230180	230 V AC irreversible operator complete with pull-cord release. Max. lifted weight 180 kg.	
001H41230180	230 V AC reversible operator Max. lifted weight 180 kg.	
Control panels for 230 V AC gearmotors		
809QA-0010	ZR24N - 230 V AC control board with built-in radio decoding.	
Accessories for: 001H41230120 - 001H41230180		
001H001	Electric lock for the H41230120 and H41230180 reversible gearmotors, with pull-cord measuring L = 5 m and releasing knob.	
Accessories for: 001H40230120 - 001H40230180		
001H3001	Safety casing with release knob and control button for pull-cord releasing.	

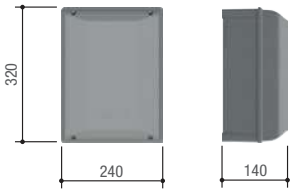
CONTROL PANEL DIMENSIONS (mm)



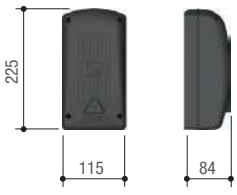
801QA-0140
002ZM3EC
002ZT6N
002ZT6NC



801QA-0050
801QA-0120



801QA-0060
801QA-0130



809QA-0010



801QA-0150

CONTROL BOARD FUNCTIONS

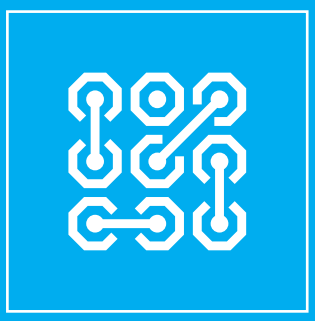
The table shows all of the characteristics of the industrial entrances control-panels.

MODELS / SERIES	F40230E	F40230E	F40230E C-BX C-BXK	F4024E F4024EP	F4024E F4024EP	C-BX C-BXK	C-BXT	C-BXT	H4
CONTROL BOARD / CONTROL PANEL	801QA-0120	801QA-0130	ZM3EC	801QA-0050	801QA-0060	801QA-0140 801QA-0150	ZT6N	ZT6NC	809QA-0010
SECURITY									
SELF-DIAGNOSING safety decives	●	●	●	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●	●	●	●	
REOPENING during closing	●	●	●	●	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●	●	●	●	●	●	
Obstruction WAIT	●	●	●	●	●				
TOTAL STOP	●	●	●	●	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●	●	●	●	
OBSTRUCTION DETECTION in front of photocells	●	●	●	●	●	●	●	●	
ENCODER	●	●	●						
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device.				●	●				
AMPEROMETRIC DETECTION				●	●				
COMMAND									
PEDESTRIAN OPENING 1 leaf	●	●	●	●	●				
PARTIAL OPENING 1 leaf	●	●	●	●	●	●	●	●	
OPEN ONLY from transmitter and/or from button	●	●	●	●	●	●	●	●	
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●	●	●	●	
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●	●	●	●	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●	●	●	●	●
DELAYED OPENING 1st leaf	●	●	●	●	●				
DELAYED OPENING 2nd leaf	●	●	●	●	●				
IMMEDIATE CLOSING									
EMERGENCY RELEASE from the transmitter									
CHARACTERISTICS									
FLASHING LIGHT connection	●	●	●	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●	●	●	●	●	●	
COURTESY LIGHT connection	●	●	●	●	●	●	●	●	●
Antenna	●	●	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●	●	
Contact output for 2nd RADIO CHANNEL		●	●		●	●	●	●	
SELF-LEARNING of the transmitter's RADIO CODE		●	●	●	●	●	●	●	●
OPERATING TIME adjusting			●	●		●			●
Connection for the ELECTRIC LOCK and/or RAMMING	●	●	●	●	●	●			
SLEEP MODE									
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs	●	●	●	●	●				
EMERGENCY BATTERY operation (optional)				●	●				
MASTER-SLAVE							●	●	
Adjustable GATE TRAVEL and SLOW DOWN speeds	●*	●*	●*	●	●				
DISPLAY	●	●	●	●		●			
Electronic brake						●	●	●	
SELF-LEARNING opening and closng limit-switches	●***		●	●	●				
CAME Connect	●	●		●	●	●			
CRP control	●	●		●	●	●			
ENERGY SAVING Management (Green Power Module)	●	●		●	●				
CXN BUS	●**	●**		●	●				
AST (Adaptive Speed and Torque Technology)				●	●				
CAME Key Slot	●	●		●	●	●			
TIMER control		●			●				
Possibility of managing two different motors					●				

● 230 V AC ● 24 V DC ● 230 – 400 V AC THREE PHASE

NOTE:
* 002ZM3E only slow-down speed.
** with accessory 806XG-0080.
*** with encoder activated.

CONTROL AND SAFETY ACCESSORIES



202 SELECTION GUIDE
212 TTS
216 TOP
220 DXR
222 DXR SLIM
224 DLX
226 DIR
228 KLT
230 KRX
232 KIARO
234 SEL KEY
236 SEL DIGITAL
240 RBE PLUS
244 RE
250 GATEWAY
252 DFWN
254 EDG
258 RIO SYSTEM 2.0
260 QUICK&EASY ACCESS



SELECTION GUIDE

CONTROL AND SAFETY ACCESSORIES

The control and safety accessories complete and optimize the system and ensure its efficiency and peace-of-mind of the user, in full compliance with European Standards. The following pages are laid out to simplify your choosing of accessories that best suit your system.

SAFETY ACCESSORIES

PRODUCT	SERIES		TYPE	CODE	
Photocells	DIR		Synchronized infrared	001DIR10	
				001DIR20	
				001DIR30	
				806TF-0030	
				806TF-0040	
	DXR	Surface-mount	Battery-operated synchronized infrared	806TF-0060	
			Synchronized infrared with CXN BUS connection	806TF-0110	
	DXR Slim		Synchronized infrared	806TF-0120	
	DLX	Recess-mount	Synchronized infrared	806TF-0070	
		Surface-mount		806TF-0080	
		Recess-mount	Synchronized infrared with CXN BUS connection	806TF-0090	
		Surface-mount		806TF-0100	
Wireless safety systems	RIO System 2.0	Surface-mount	Radio control module	806SS-0050	
			Wireless flashing light	806SS-0030	
			Wireless infrared beam photocells	806SS-0010	
			Wireless module for sensitive safety-edges	806SS-0020	

SAFETY ACCESSORIES

PRODUCT	SERIES	CHARACTERISTIC	TYPE	CODE	
Sensitive safety-edges	EDG F	Resistive	Ready to use L = 900 mm	806ED-0110	
			Ready to use L = 1400 mm	806ED-0111	
			Ready to use L = 1900 mm	806ED-0112	
			Ready to use L = 2400 mm	806ED-0113	
			Ready to use L = 3000 mm	806ED-0114	
			Ready to use L = 3500 mm	806ED-0115	
	EDG H		Ready to use L = 1500 mm	806ED-0130	
			Ready to use L = 1700 mm	806ED-0131	
			Ready to use L = 2000 mm	806ED-0132	
			Ready to use L = 2500 mm	806ED-0133	
	EDG I		Ready to use L = 1500 mm	806ED-0140	
			Ready to use L = 1700 mm	806ED-0141	
			Ready to use L = 2000 mm	806ED-0142	
			Ready to use L = 2500 mm	806ED-0143	
	EDG L		Ready to use L = 1500 mm	806ED-0150	
			Ready to use L = 1700 mm	806ED-0151	
			Ready to use L = 2000 mm	806ED-0152	
			Ready to use L = 2500 mm	806ED-0153	
	DFWN	Mechanical	Ready to use	001DFWN1500 001DFWN1500N	
				001DFWN1700 001DFWN1700N	
				001DFWN2000 001DFWN2000N	
				001DFWN2500 001DFWN2500N	
Flashing lights	KIARO	Optional antenna	LED	001KLED	
				001KLED24	
	KRX	Built-in antenna		806LA-0010	
				806LA-0020	
				806LA-0030	
			LED with CXN BUS connection	806LA-0050	
		Built-in antenna and gateway	LED with CXN BUS CONNECT connection	806LA-0070	
	KLT	Built-in antenna	LED	806LA-0060	

For all sensitive safety edges, individual items are available for tailor-made composition.



CONTROL ACCESSORIES

PRODUCT	SERIES	CHARACTERISTIC	TYPE	CODE	
Selectors	SEL Digital	Surface-mount	Bluetooth digital Standalone	806SL-0340	
				806SL-0350	
				806SL-0360	
		Surface-mount	Plug-in digital bluetooth	806SA-0140	
		Surface-mount	Digital transponder Manchester with CXN BUS connection	806SL-0300	
		Recess-mount		806SL-0310	
		Surface-mount	Digital transponder MiFare with CXN BUS connection	806SL-0320	
		Recess-mount		806SL-0330	
		Surface-mount	Digital with wireless keypad 433,92 MHz	806SL-0170	
			Digital with wireless keypad 868,35 MHz	806SL-0180	
		Surface-mount	Digital with CXN BUS connection keypad	806SL-0280	
		Recess-mount		806SL-0290	
		Recess-mount	Microwave sensor	806SL-0260	
		Indoor	Magnetic sensor	009SMA	
				009SMA2	
				009SMA220	
	SEL Key	Surface-mount	Key-operated with DIN cylinder	806SL-0050	
			Key-operated with DIN cylinder CXN BUS	806SL-0070	
			Key-operated with DIN cylinder For 230 V	806SL-0090	
		Recess-mount	Key-operated with DIN cylinder	806SL-0060	
			Key-operated with DIN cylinder CXN BUS	806SL-0080	
			Key-operated with DIN cylinder For 230 V	806SL-0100	
		Surface-mount	Key-operated with cylinder	806SL-0010	
			Key-operated with cylinder CXN BUS	806SL-0030	
		Recess-mount	Key-operated with cylinder	806SL-0020	
		Recess-mount	Key-operated with cylinder CXN BUS	806SL-0040	
		Surface-mount	Key-operated without DIN cylinder	806SL-0051	
		Recess-mount		806SL-0061	

CONTROL ACCESSORIES

PRODUCT	SERIES	CHARACTERISTIC	TYPE	CODE	
Transmitters	TOP	433,92 MHz Rolling code	4 buttons	806TS-0270	
		433,92 MHz Fixed Code	2 buttons	806TS-0300	
		433,92 MHz Fixed Code	4 buttons	806TS-0310	
		433,92 MHz - 868,35 MHz Rolling code		806TS-0290	
		433,92 MHz - 868,35 MHz Fixed code	4 buttons	806TS-0330	
	TTS	433,92 MHz - 868,35 MHz Rolling code	4 buttons	806TS-0230	
		433,92 MHz Fixed Code		806TS-0240	
		433,92 MHz Rolling Code		806TS-0250	
Receivers	RE	433,92 MHz	2 outputs	001RE432M	
				806RV-0100	
		868,35 MHz	2 outputs	001RE862M	
	RBE Plus	433,92 MHz – 868,35 MHz	4 outputs	806RV-0060	
		433,92 MHz – 868,35 MHz		806RV-0070	



FUNCTIONS TABLE

CHARACTERISTICS

SERIES	MODELS	FREQUENCY 433,92 MHz	FREQUENCY 868,35 MHz	MODE FIXED CODE	MODE ROLLING CODE
SEL Digital	806SL-0170	●		●	●
	806SL-0180		●	●	●
TTS	806TS-0230	●	●		●
	806TS-0240	●		●	
	806TS-0250	●			●
TOP	806TS-0270	●			●
	806TS-0300	●		●	
	806TS-0310	●		●	
	806TS-0290	●	●		●
	806TS-0330	●	●	●	



KLT FOR BARRIERS

KLT is the perfect solution for applications on GARD LT4 and GARD LS4 automatic barriers.
The simple connection and the possibility of customizing colors and flashing type, allow the installer to choose the best signaling configuration for each specific context.

PAIRINGS OF SELECTORS - INTERFACE BOARDS

SERIES	MODELS	CONTROL PANEL TYPE		OUTDOOR INTERFACE BOARD	RECEIVER MODULES	
		CONTROL PANEL WITHOUT CXN BUS	CONTROL PANEL WITH CXN BUS	806SL-0370	806RV-0060	806RV-0070
		Plug-in interface boards			Plug-in interface boards	
SEL Digital	806SL-0280	806XG-0110	●	●	806XG-0110	
	806SL-0290		●	●		
	806SL-0300		●	●		
	806SL-0310		●	●		
	806SL-0320		●	●		
	806SL-0330		●	●		

WIRELESS DEVICE-RECEIVER PAIRINGS

SERIES	MODELS	CONTROL PANEL TYPE		RECEIVER TYPE			RECEIVER MODULES *	
		CONTROL PANEL WITH DISPLAY*	CONTROL PANEL WITHOUT DISPLAY*	TWO-CHANNEL RECEIVER			806RV-0060	806RV-0070
		Plug-in radio-frequency board		001RE432M	001RE862M	806RV-0100	Plug-in radio-frequency board	
SEL Digital	806SL-0170	001AF43S		●		●	001AF43S	
	806SL-0180	001AF868			●		001AF868	
TTS	806TS-0230	001AF43S or 001AF868	001AF43SR or 001AF868SR	●	●		001AF43S or 001AF868	
	806TS-0240	001AF43S	001AF43TW	●			001AF43S	
	806TS-0250		001AF43SR	●		●		
TOP	806TS-0270	001AF43S	001AF43SR	●		●	001AF43S	
	806TS-0300		001AF43TW (Key Code)	●				
	806TS-0310		001AF43TW (Key Code)	●				
	806TS-0290	001AF43S or 001AF868	001AF43SR or 001AF868SR	●	●	●	001AF43S or 001AF868	
	806TS-0330	001AF43S or 001AF868 (Default)	001AF43TW (433 MHz only)	●	●	●	001AF43S or 001AF868	

Note
* Decoder control card to buy depending on the type of contorl panel



KLT FOR GARAGE DOORS

KLT is the perfect solution for any setting where the application of a slim flashing light with essential lines is required.
Installed on a wall or post, KLT is a safety indicator in case of moving automations for garage doors, industrial doors or gates.

THE SAFETY

GENERAL CHARACTERISTICS



PHOTOCELLS:
SYNCHRONIZED INFRARED BEAM

Thanks to the synchronized beam, multiple pairs of photocells can be applied to the same system, even at double height and/or close to each other - with no interference issues.



FLASHING LIGHTS:
LOW CONSUMPTION MOVEMENT DETECTORS

Lightweight, practical and quick to install, the beacons are equipped with a low consumption LED lamp.
Available in 24 V AC - DC and 120 - 230 V AC versions, they are equipped with accessories for wall mounting and integrated antenna (KRX and KLT).



SENSITIVE SAFETY EDGES:
CUSTOMIZABLE AND READY TO INSTALL

Equipped with a resistive contact and certified in accordance with EN13849-1 standards, they are used to create automation systems with high safety standard.



WIRED AND REMOTE CONTROLS:
SAFETY AND VERSATILITY

When installed with sensitive edges, they control the protections installed on both the moving leaf gate and the fixed part, with a high level of safety in full compliance with current regulations.



THE PHOTOCELLS WITH ALUMINIUM COVER

The DXR series of swivel photocells can also be used to control a system thanks to the adjustable relay output. Special aluminium covers are also available, specific for applications where maximum strength and reliability are required.



SELF-LEARNING OF THE CODE FROM TRANSMITTER TO RECEIVER

This function lets the dedicated receiver memorize the code assigned to the transmitter.



SELF-LEARNING OF THE CODE FROM TRANSMITTER TO TRANSMITTER

This characteristic lets you create a duplicate transmitter, by copying the code onto another idential device.



MULTI-USER CODES

This characteristic on the transmitter is for emitting different codes for each key on the transmitter itself.
The aim is to obtain control of independent systems that are located within the same operating range.
(E.g.: common gate used by all tenants and private overhead garage door for each tenant).



RADIO SYSTEM CERTIFICATION

All CAME radio-frequency systems are certified for using in European and non-European countries.



MADE IN ITALY, MADE BY CAME!

The 100% Made-in-Italy brand of origin certifies that all CAME products come from a quality manufacturing process, designed to provide reliable and effective technological products. The products have been tested for 10 to 15 years of wear and tear under intense activity, with extreme temperature resistance tests and specific checks on operating in electromagnetic interference conditions.

RIO System 2.0

WIRELESS SECURITY SYSTEM

24 V

RIO SYSTEM 2.0

RIO SYSTEM 2.0, COMPLETELY SAFE, NO WIRES

RIO System 2.0 is the innovative radio-based safety system that needs no wired connection between the control module and the safety accessories. This feature drastically reduces installation times. Control module, photocells, sensitive safety-edge and flashing light all make up a complete system based on totally wireless transceiver-technology. This is ideal for bringing up to code any existing systems or for rapidly installing entirely new systems. The control module is to be connected to the operator's control panel, whereas the other modules interact via radio.

RIO System 2.0 is incompatible with the previous version.

SYSTEM COMPONENTS AND MAIN CHARACTERISTICS

806SS-0050



- Radio control module, with 30 m range, which can manage up to 6 Rio series wireless accessories that are programmed during installation.
- LED for monitoring the system and devices' operation.
- Buzzer for flat-battery or wireless accessory malfunction alerts.
- Automatic frequency switching when radio-frequency disturbances occur.
- Special function for viewing radio-signal quality and any disturbances.

806SS-0030



- Wireless, battery-operated flashing light.
- Two high-luminosity LEDs to provide 360° alerts when the operator is moving.
- LED for monitoring the system and devices' operation.

806SS-0020



- Certified product, validated for category 2, which means it is highly safe and reliable.
- Wireless module for controlling one or two resistive sensitive safety-edges of the 8k2 DFWN series, that can transmit and receive from and to Rio control.
- Battery powered.
- LED for monitoring the system and devices' operation.
- Buzzer for flat-battery alerts or poor radio communication.

806SS-0010



- Pair of battery-powered wireless photocells that can transmit and receive to and from the 806SS-0040 and 806SS-0050 modules.
- Infrared signal (range 10 m).
- LED for monitoring the system and devices' operation.
- Buzzer for flat-battery alerts or poor radio communication.

806SS-0040



- Snap-in radio control module for controlling wireless accessories to use in corresponding automated operators.

EXAMPLE FITTED ONTO SLIDING GATE

A = Trasmitter 806SS-0010.
B = Receiver 806SS-0010.
C = Receiver 806SS-0020.
D = Sensitive safety edge of the DFWN series.
E = Flashing light 806SS-0030.
F = Control modules 806SS-0050 and 806SS-0040

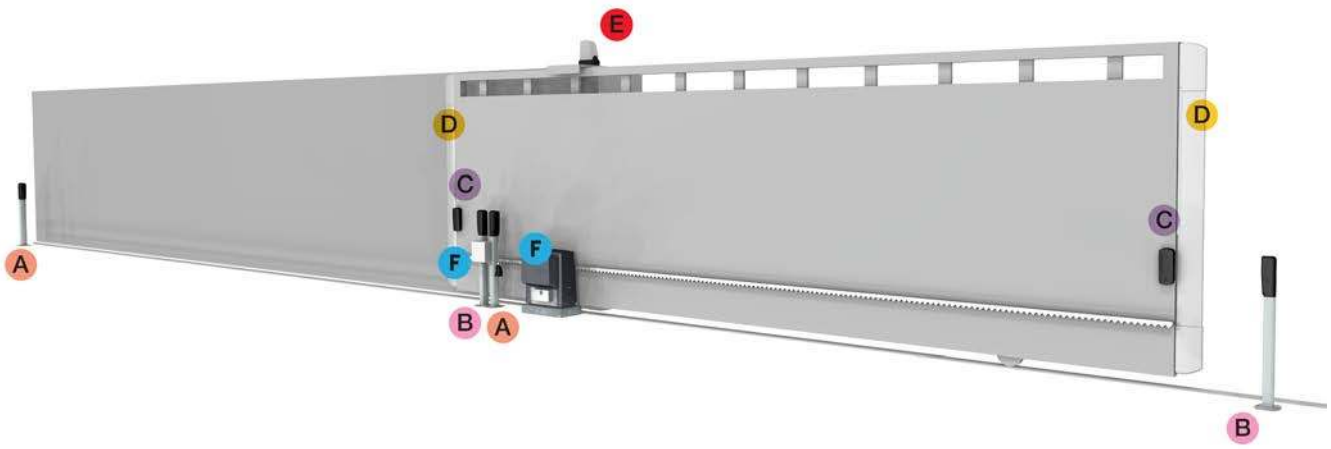
INSTALLATION ACCESSORIES:

FOR RIO SYSTEM 2.0-SERIES PHOTOCELLS
001DB-L Post made of natural-finish anodized aluminum.
001DB-LN Post made of black anodized aluminum. H = 500 mm.
001DB-CG RAL9006 silver PVC post. H = 500 mm.

FOR RIO System 2.0 FLASHING LIGHT
001KIAROS Base for wall-mounting.







TTS
TRANSMITTERS

CONNECT

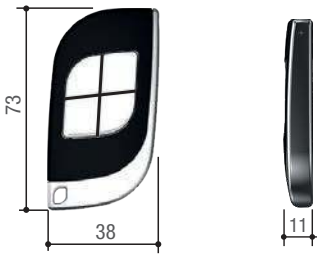
RADIO RANGE (m)	TECHNOLOGY	FREQUENCY (MHz)
50 ÷ 150	ROLLING CODE - FIXED CODE	433,92 - 868,35

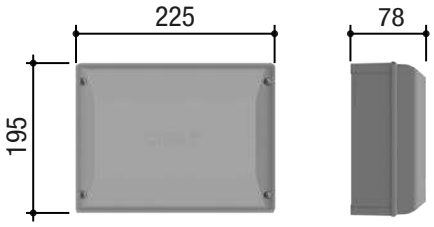


Remote control featuring an elegant and refined design

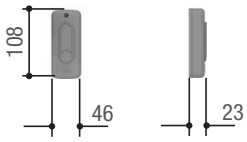
- Available in rolling code and fixed code versions.
- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- Removable battery compartment for easy replacement.
- Multi-user function for fixed code version.
- More secure thanks to the dynamic code for the rolling code version.
- It can be configured remotely via gateway or locally via CAME KEY.

DIMENSIONS (mm)





806RV-0060
806RV-0070



001RE432M
001RE862M

OPERATIONAL LIMITS

MODELS	806TS-0230	806TS-0240	806TS-0250
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150

TECHNICAL CHARACTERISTICS

MODELS	806TS-0230	806TS-0240	806TS-0250
Combinations	4.294.967.896	16.777.216	4.294.967.896
Radio signal frequency (Mhz)	433,92 - 868,35	-	433,92
Battery type	1 CR2032 Lithium	1 CR2032 Lithium	1 CR2032 Lithium
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	Polycarbonate - Zamak	Polycarbonate - Zamak	Polycarbonate - Zamak

CODE	DESCRIPTION	
Dual frequency transmitters, 433,92 MHz and 868,35 MHz		
806TS-0230	TTSD4RKS - Double frequency four-channel rolling code transmitter. 4,294,967,896 combinations.	
433,92 MHz transmitters		
806TS-0240	TTS44FKS - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0250	TTS44RKS - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
Snap-in 433,92 MHz receivers		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF43SR	433,92 MHz plug-in radio frequency card for maximum 25 Rolling Code transmitters.	
001AF43TW	433,92 MHz plug-in radio frequency card.	
868,35 MHz plug-in receivers for: 806TS-0230		
001AF868	868,35 MHz plug-in radio frequency card.	
001AF86SR	868,35 MHz plug-in radio frequency card for maximum 25 Rolling Code transmitters.	
24 V AC - DC external modules		
806RV-0060	RBE PLUS 24 - Multifunction outdoor IP54 24 V AC-DC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
120 - 230 V AC external modules		
806RV-0070	RBE PLUS 230 - Multifunction outdoor IP54 120-230 V AC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
External, 12 - 24 V AC - DC, 433,92 MHz radio receivers		
001RE432M	Two-channel 433,92 MHz surface-mount IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D, TWIN and TTS series.	
External, 12 - 24 V AC - DC, 868,35 MHz radio receivers for: 806TS-0230		
001RE862M	Two-channel 868,35 MHz surface-mounted IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D and TTS series.	
868,35 MHz antenna for: 001KLED – 001KLED24		
001TOP-A862N	Antenna tuned at 868,35 MHz.	
433,92 MHz antenna for: 001KLED – 001KLED24		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
Accessories		
001TOP-RG58	Antenna cable.	
Transmitter accessories		
806XG-0020	Pack of no. 2 3V DC CR2032 lithium batteries.	

806RV-0060 e 806RV-0070:
For 433,92 MHz transmitters, use 001AF43S
For 868,35 MHz transmitters use 001AF868
For keypad selectors and transponders use RCXN accessory (art. 806XG-0110)

TOP
TRANSMITTERS

CONNECT

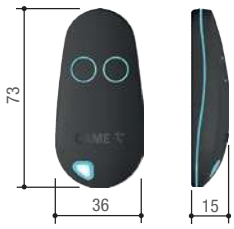
RADIO RANGE (m)	TECHNOLOGY	FREQUENCY (MHz)
50 ÷ 150	ROLLING CODE - FIXED CODE	433,92 - 868,35

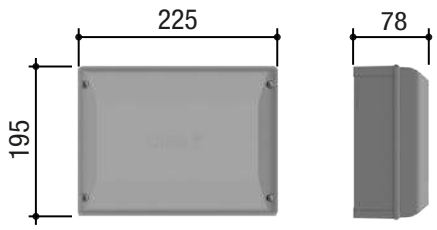


Transmitter available in 5 versions both rolling code and fixed code

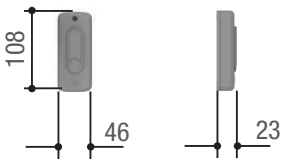
- Available in rolling code and fixed code versions.
- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- Frequency change function for dual frequency versions.
- Multi-user function for fixed code version.
- More secure thanks to the dynamic code for the rolling code version.
- It can be configured remotely via gateway or locally via CAME KEY.

DIMENSIONS (mm)





806RV-0060
806RV-0070



001RE432M
001RE862M

OPERATIONAL LIMITS

MODELS	806TS-0270	806TS-0300	806TS-0310	806TS-0290	806TS-0330
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150

TECHNICAL CHARACTERISTICS

MODELS	806TS-0270	806TS-0300	806TS-0310	806TS-0290	806TS-0330
Combinations	4.294.967.896	-	-	4.294.967.896	-
Radio signal frequency (Mhz)	433,92	433,92	433,92	433,92 - 868,35	433,92 - 868,35
Battery type	1 CR2032 Lithium	1 CR2032 Lithium	1 CR2032 Lithium	1 CR2032 Lithium	1 CR2032 Lithium
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate

CODE	DESCRIPTION	
433,92 MHz transmitters		
806TS-0270	TOP44RBN - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
806TS-0300	TOP42FGN - Two-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0310	TOP44FGN - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
Dual frequency transmitters, 433,92 MHz and 868,35 MHz		
806TS-0290	TOPD4REN - Four-channel, dual-frequency, rolling code transmitter (Default 868,35 MHz). 4,294,967,896 combinations.	
806TS-0330	TOPD4FRN - Four-channel, dual-frequency transmitter with new fixed code encoding (Default 868,35 MHz) and self-learning function for TOP, TAM, TWIN and TTS series radio controls.	
Snap-in 433,92 MHz receivers		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF43SR	433,92 MHz plug-in radio frequency card for maximum 25 Rolling Code transmitters.	
001AF43TW	433,92 MHz plug-in radio frequency card.	
Snap-in 868,35 MHz receivers		
001AF868	868,35 MHz plug-in radio frequency card.	
001AF86SR	868,35 MHz plug-in radio frequency card for maximum 25 Rolling Code transmitters.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
24 V AC - DC external modules		
806RV-0060	RBE PLUS 24 - Multifunction outdoor IP54 24 V AC-DC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
120 - 230 V AC external modules		
806RV-0070	RBE PLUS 230 - Multifunction outdoor IP54 120-230 V AC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
External, 12 - 24 V AC - DC, 433,92 MHz radio receiver		
001RE432M	Two-channel 433,92 MHz surface-mount IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D, TWIN and TTS series.	
External, 12 - 24 V AC - DC, 868,35 MHz radio receiver		
001RE862M	Two-channel 868,35 MHz surface-mounted IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D and TTS series.	
433,92 MHz antenna for: 001KLED – 001KLED24		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
868,35 MHz antenna for: 001KLED – 001KLED24		
001TOP-A862N	Antenna tuned at 868,35 MHz.	
Accessories		
001TOP-RG58	Antenna cable.	
Transmitter accessories		
806XG-0020	Pack of no. 2 3V DC CR2032 lithium batteries.	

806RV-0060 e 806RV-0070:
For 433,92 MHz transmitters, use 001AF43S
For 868,35 MHz transmitters use 001AF868
For keypad selectors and transponders use RCXN accessory (art. 806XG-0110)



SEL BT

BLUETOOTH SWITCHES FOR SMARTPHONE CONTROL

FIND OUT MORE ON PAGE 236



CAME

CAME.COM

DXR
PHOTOCELLS

24 V

CXN BUS

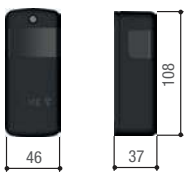
MAX. RANGE	INSTALLING	ORIENTATION
20 m	SURFACE-MOUNT	UP TO 180°



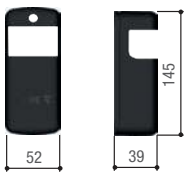
Adjustable infra-red photocells with command function

- Available in the traditional version (black edge) and in the CXN BUS version (blue edge).
- Control the gate's area of movement
- Infrared beam swivels up to 180° on its vertical axis.
- It can synchronize up to eight pairs of photocells, with no disturbances, plus no wiring required between the transmitter and the receiver.
- Also available is the double height post for installing at industrial sites used by very large vehicles.
- Infrared beam range adjustment.
- Filter function to prevent false detections due to bad weather or direct sunlight.
- Settable contact output so the photocell can double as a control device.
- Also available with aluminum alloy casing.
- The 806TF-0060 version, with battery-powered transmitter, also allows to control a sensitive resistive safety-edge to protect the moving gate leaf.

DIMENSIONS (mm)



806TF-0030
806TF-0060
806TF-0110



806TF-0040
806TF-0050

OPERATIONAL LIMITS

MODELS	806TF-0030	806TF-0060	806TF-0110	806TF-0040
Max range of infrared beam (m)	20	10	20	20

TECHNICAL CHARACTERISTICS

MODELS	806TF-0030	806TF-0060	806TF-0110	806TF-0040
Protection rating (IP)	54	54	54	54
Power supply (V)	12 - 24 AC - DC	12 - 24 AC - DC (RX)	CXN BUS	12 - 24 AC - DC
Power (W)	-	-	0.29	-
Batteries	-	1 x CR123A	-	-
Battery capacity (mAh)	-	1700	-	-
Maximum rating of output contacts at 24 V (A)	-	0.5	-	-
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	PC	ABS	-	ABS - Aluminum

● 12 - 24 V AC - DC

CAME

CODE	DESCRIPTION	
Adjustable synchronized infrared beam photocells		
806TF-0030	DXR20CAP - Pair of surface-mount synchronized, swiveling, infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 20 m.	
806TF-0040	DXR20CAM - Pair of aluminum, surface-mount, synchronized, swiveling, infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 20 m.	
806TF-0060	DXR10BAP - Pair of surface-mount synchronized, swiveling, infrared-beam photocells with receiver rated at 12 - 24 V AC - DC and battery transmitter. Range: 10 m.	
Synchronized swiveling infrared beam photocell with CXN BUS technology		
806TF-0110	DXR20SAP - Pair of surface-mounted synchronized adjustable infra-red beam CXN BUS photocells. Range: 20 m.	
Accessories for: 806TF-0030 - 806TF-0060 - 806TF-0110		
806TF-0050	Pair of aluminum alloy covers for DXR series photocells.	
001DIR-L	Natural anodized aluminum column H = 500 mm.	
001DIR-LN	Black anodized aluminum column. H = 500 mm.	
001DIR-CG	PVC post, RAL9006 color (silver). H = 500 mm.	
Accessories for: 806TF-0030 - 806TF-0040 - 806TF-0060 - 806TF-0110 - 806TF-0120		
001DIR-S	Recess-mount casing.	
Accessories for: 001DIR-L		
001DIR-P	Natural-finish, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	
Accessories for: 001DIR-LN		
001DIR-PN	Black, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	
Accessories for: 001DIR-CG		
001DIR-CGP	Silver RAL9006 post extension for fitting with double pair of photocells. H = 500 mm	



THE ADJUSTABLE BEAM PHOTOCELL

Thanks to its adjustable synchronized infrared beam, it is the ideal solution for applications where the installation space and the system structure prevent the perfect alignment of the standard photocells one in front of the other.

DXR Slim

PHOTOCELLS

24 V

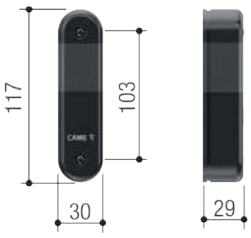
MAX. RANGE	INSTALLING	ORIENTATION
20 m	SURFACE-MOUNT	0° OR 90°



Slim adjustable photocells for garage installations or to be used on very narrow columns

- Small size (30 mm)
- Surface-mount
- Infrared range 20 metres
- Synchronisation of up to 8 photocell pairs
- Adjustable in 2 positions: 0° or 90°

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	806TF-0120
Max range of infrared beam (m)	20

TECHNICAL CHARACTERISTICS

MODELS	806TF-0120
Protection rating (IP)	54
Power supply (V)	12 - 24 AC - DC
Operating temperature (°C)	-20 ÷ +55
Material	PC

● 12 - 24 V AC - DC

CODE	DESCRIPTION
Adjustable synchronized infrared beam photocells	
806TF-0120 24	DXR20CTP - Pair of surface-mounted synchronized, swiveling, infrared-beam mini photocells rated at 12 - 24 V AC - DC. Range: 20 m.





FRONT OR SIDE OPERATION

DXR Slim can be installed with front or side operation, simply by orienting the internal electronic board by means of the special housing.



VERY LITTLE SPACE IS NEEDED!

DXR Slim is designed to solve protection issues on automation that offers little space for photocells, such as in the case of sectional-opening garage doors.

DLX
PHOTOCELLS

24 V

CXN BUS

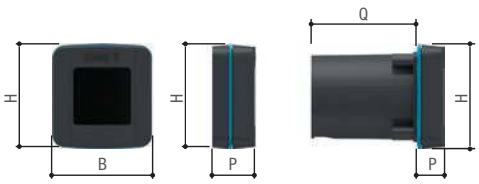
MAX. RANGE	INSTALLING
30 m	RECESS-MOUNT / SURFACE-MOUNT



Infra-red photocells with command function

- Available in the traditional version (black edge) and in the CXN BUS version (blue edge).
- Control the gate's area of movement
- It can synchronize up to eight pairs of photocells, with no disturbances, plus no wiring required between the transmitter and the receiver.
- Adjustment of the infrared beam range from 10 to 30 meters.
- Filter function to prevent false detections due to bad weather or direct sunlight.
- Settable contact output so the photocell can double as a control device.
- Alignment function between transmitter and receiver.

DIMENSIONS (mm)



806TF-0080
806TF-0100

806TF-0070
806TF-0090

DIMENSIONS TABLE (mm)

DIM ENSIONS	B (mm)	H (mm)	P (mm)	Q (mm)	P + Q (mm)
806TF-0070	70	73	18	78	96
806TF-0080	70	73	30	-	-
806TF-0090	70	73	18	78	96
806TF-0100	70	73	30	-	-

OPERATIONAL LIMITS

MODELS	806TF-0070	806TF-0080	806TF-0090	806TF-0100
Max range of infrared beam (m)	30	30	30	30

TECHNICAL CHARACTERISTICS

MODELS	806TF-0070	806TF-0080	806TF-0090	806TF-0100
Protection rating (IP)	54	54	54	54
Power supply (V)	12 - 24 AC - DC	12 - 24 AC - DC	CXN BUS	CXN BUS
Power (W)	-	-	0.29	0.29
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	PA66	PA66	-	-

● 12 - 24 V AC - DC

CODE	DESCRIPTION
Adjustable synchronized infrared beam photocells	
806TF-0070	DLX30CIP - Pair of built-in synchronized adjustable infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 30 m.
806TF-0080	DLX30CEP - Pair of surface-mount synchronized adjustable infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 30 m.



Synchronized infrared beam photocell with CXN BUS technology	
806TF-0090	DLX30SIP - Pair of built-in synchronized infra-red beam CXN BUS photocells. Range: 30 m.
806TF-0100	DLX30SEP - Pair of surface-mounted synchronized infra-red beam CXN BUS photocells. Range: 30 m.



Accessories for: 806TF-0070 - 806TF-0090	
009DOC-S	Recess-mount casing.
001DOC-L	Natural anodized aluminum column. H = 500 mm.
001DOC-LN	Black anodized aluminum column. H = 500 mm.



Accessories for: 806TF-0080 - 806TF-0100	
001DOC-R	Steel brace for flush surface-mount on the post.
001DELTA-B	Natural anodized aluminum column for bidirectional application. H = 500 mm
001DELTA-BN	Black anodized aluminum column for bidirectional application. H = 500 mm



DIR
PHOTOCELLS

24 V

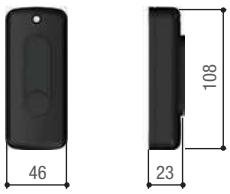
MAX. RANGE	INSTALLING
30 m	SURFACE-MOUNT



Synchronized infra-red photocells

- Control the gate's area of movement
- Synchronized infra-red beam to avoid any external signal interference.
- The double-height post, also in the new PVC version, for installing at points where heavy-duty vehicles transit through is available.
- High degree of protection against weathering.
- Available in 10, 20 and 30 meter versions.
- Also available in the version with aluminum alloy casing.

DIMENSIONS (mm)



OPERATIONAL LIMITS

MODELS	DIR10	DIR20	DIR30
Max. range of radio (m)	10	20	30

TECHNICAL CHARACTERISTICS

MODELS	DIR10	DIR20	DIR30
Protection rating (IP)	54	54	54
Power supply (V)	12 - 24 AC - DC	12 - 24 AC - DC	12 - 24 AC - DC
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	ABS – Polycarbonate	ABS – Polycarbonate	ABS – Polycarbonate

● 12 - 24 V AC - DC

CODE	DESCRIPTION
Dir- series, synchronized infrared-beam photocells	
001DIR10	Pair of surface-mount 12 - 24 V AC - DC photocells. Range: 10 m.
001DIR20	Pair of surface-mount 12 – 24 V AC – DC photocells. Range: 20 m.
001DIR30	Pair of surface-mount 12 – 24 V AC – DC photocells. Range: 30 m.
Accessories for: 001DIR10 - 001DIR20 - 001DIR30	
001DIRZ	Aluminum alloy, shock-proof protection.
001DIR-S	Recess-mount casing.
001DIR-L	Natural anodized aluminum column H = 500 mm.
001DIR-LN	Black anodized aluminum column. H = 500 mm.
001DIR-CG	PVC post, RAL9006 color (silver). H = 500 mm.
Accessories for: 001DIR-L	
001DIR-P	Natural-finish, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm
Accessories for: 001DIR-LN	
001DIR-PN	Black, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm
Accessories for: 001DIR-CG	
001DIR-CGP	Silver RAL9006 post extension for fitting with double pair of photocells. H = 500 mm











KLT

FLASHING LIGHTS

24 V

CONNECTION	LIGHT CUSTOMIZATION	BUILT-IN ANTENNA
STANDARD	YES	YES



Slim flashing light for automatic barriers and garage doors

- Slim and modern design that perfectly suits any setting.
- 24V AC - DC power supply.
- Integrated double antenna (433,92 MHz and 868,35 MHz).
- Perfect solution for applications on GARD LT and LS series automatic barriers or for surface-mount installation.
- Traffic light signaling with green, white and red LEDs and possibility of use as a courtesy light.

DIMENSIONS (mm)



TECHNICAL CHARACTERISTICS

MODEL	806LA-0060
Protection rating (IP)	54
Power supply (V)	24 AC - DC
Radio signal frequency (Mhz)	433,92 and 868,35
Power (W)	3
Operating temperature (°C)	-20 ÷ +55
Material	PA6 - PMMA

● 24 V AC - DC

THE COMPLETE RANGE

CODE	DESCRIPTION
24 V flashing lights	
806LA-0060	KLT1FDSW - Green, white and red LED flashing light with 24 V AC - DC traffic light signaling.
Accessories	
001TOP-RG58	Antenna cable.







OPERATING MODES

With advanced electronics, KLT features customization of light color and flashing to meet the needs of any user.



DOUBLE FREQUENCY

KLT features a built-in dual-frequency antenna and is therefore compatible with all CAME radio transmitters with 433MHz and 868 MHz frequency.

KRX

FLASHING LIGHTS

CONNECT CXN BUS

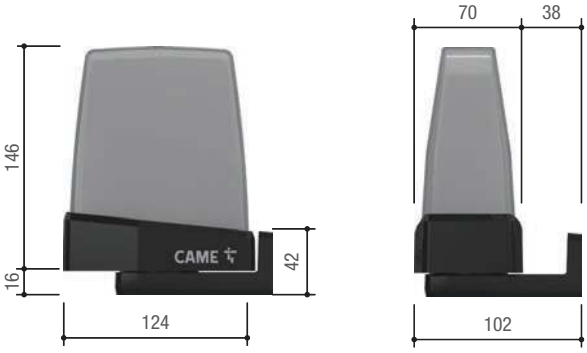
CONNECTION	LIGHT CUSTOMIZATION	BUILT-IN ANTENNA
CXN BUS OR STANDARD	YES	YES



Elegant form and technological innovation

- Sleek design and high-quality materials for a flashing light that offers much more than simple light alerts.
- Unique model with universal power supply from 24 V AC - DC to 230 V AC.
- Available in White, Yellow and Orange.
- Integrated double antenna (433,92 MHz and 868,35 MHz).
- Surface-mount bracket that solves every installation.
- Availability of 2 versions with CXN BUS technology, with and without built-in gateway, for light signaling management via AppSetup.

DIMENSIONS (mm)



TECHNICAL CHARACTERISTICS

MODELS	806LA-0010	806LA-0020	806LA-0030	806LA-0050	806LA-0070
Protection rating (IP)	54	54	54	54	54
Power supply (V)	24 DC/AC - 230 AC	24 DC/AC - 230 AC	24 DC/AC - 230 AC	CXN BUS	CXN BUS
Radio signal frequency (Mhz)	433 and 868	433 and 868	433 and 868	433 and 868	433 and 868
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	ABS – Polycarbonate	ABS – Polycarbonate	ABS – Polycarbonate	ABS - Polycarbonate - PMMA	ABS - Polycarbonate - PMMA

● 24 AC - DC - 230 AC

THE COMPLETE RANGE

CODE	DESCRIPTION	
24 V AC - DC to 230 V AC flashing lights		
806LA-0010	KRX1FXSO - LED flashing light with power supply from 24 V AC - DC up to 230 V AC with orange dome.	
806LA-0020	KRX1FXSW - LED flashing light with power supply from 24 V AC - DC up to 230 V AC with white dome.	
806LA-0030	KRX1FXSY - LED flashing light with power supply from 24 V AC - DC up to 230 V AC with yellow dome.	
Flashing light with CXN BUS technology		
806LA-0050	KRX1B1RW - RGB LED flashing light with white dome, AF plug-in and CXN BUS technology.	
Flashing light with CXN BUS CONNECT technology		
806LA-0070	KRX1B1CW - Connect RGB LED flashing light with white dome, AF plug-in, CXN BUS technology and integrated gateway to connect the operator to the cloud via Wi-Fi or in local mode via Bluetooth (50 users).	
Accessories		
806LA-0040	Wall-fastening base for KRX.	
Accessories for: 806LA-0010 - 806LA-0020 - 806LA-0030		
001TOP-RG58	Antenna cable.	
Accessories for: 806LA-0050		
806SA-0140	WIFI GATEWAY- Gateway to connect the automation to the cloud via Wi-Fi or locally via Bluetooth selector (50 users)	
806SA-0150	Slave Module to connect the operator to the CAME Connect gateways.	
Accessories for: 806LA-0050 - 806LA-0070		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF868	868,35 MHz plug-in radio frequency card.	



CXN BUS CONNECT TECHNOLOGY

KRX CONNECT is the version that combines CXN BUS technology with wireless connectivity thus making 2 innovative functions available in addition to the RGB LED system.
With the 806SA-0140 gateway that can be configured in Wi-Fi or Bluetooth® mode, KRX CONNECT is much more than a flashing light.



COMPATIBLE WITH AMAZON ALEXA

With the Wi-Fi gateway, KRX CONNECT enables users to control automation via Amazon Alexa voice commands to open and close the gate, stop it, or find out its status.

KIARO

FLASHING LIGHTS

24 V

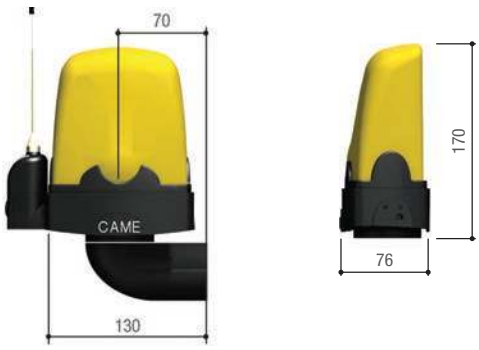
CONNECTION	LIGHT CUSTOMIZATION	BUILT-IN ANTENNA
STANDARD	NO	NO



The standard flashing light

- Long life and low consumption.
- Energy efficiency is linked to lower consumption.
- Surface-mount bracket that solves any installation.

DIMENSIONS (mm)



TECHNICAL CHARACTERISTICS

MODELS	KLED	KLED24
Protection rating (IP)	54	54
Power supply (V)	120 - 230 AC 50/60 Hz	24 V AC - DC 50/60 Hz
Power (W)	2 (230 V AC) - 1 (120 V AC)	2
Material	ABS – Polycarbonate	ABS – Polycarbonate

● 120 - 230 V AC ● 24 V AC - DC

CODE	DESCRIPTION	
120 - 230 V AC Flashing light		
001KLED	LED flashing light signaller.	
24 V AC – DC Flashing light		
001KLED24	LED flashing light signaller.	
Accessories for: 001KLED - 001KLED24		
001KIAROS	Wall-fastening base.	
433,92 Mhz antenna		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
868,35 Mhz antenna		
001TOP-A862N	Antenna tuned at 868,35 MHz.	
Accessories for: 001TOP-A433N - 001TOP-A862N		
001TOP-RG58	Antenna cable.	

SEL Key

KEY-SWITCH SELECTORS

24 V

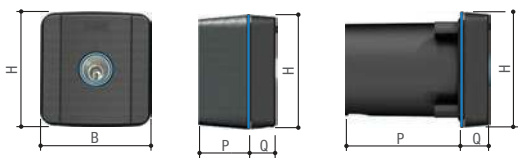
CXN BUS



Key selectors for automation command

- Backlit with blue light, available int he surface-mount or recess-mount version.
- RAL7024 gray cover.
- Available in the key-operated version with cylinder lock or with European DIN cylinder (even for 230 V applications).
- Versions with CXN BUS technology are available, enabling green and red light feedback.

DIMENSIONS (mm)



Surface-mount Recess-mount

DIMENSIONS TABLE (mm)

Models	B (mm)	H (mm)	P (mm)	Q (mm)	P + Q (mm)
806SL-0050	70.5	73.5	47.5	16.5	64
806SL-0060	70.5	73.5	76	16.5	92.5
806SL-0070	70.5	73.5	21	16.5	50
806SL-0080	70.5	73.5	76	16.5	92.5
806SL-0010	70.5	73.5	21	16.5	50
806SL-0020	70.5	73.5	76	16.5	92.5
806SL-0030	70.5	73.5	21	16.5	37.5
806SL-0040	70.5	73.5	76	16.5	92.5
806SL-0090	70.5	73.5	47.5	16.5	64
806SL-0100	70.5	73.5	76	16.5	92.5
806SL-0051	70.5	73.5	47.5	16.5	64
806SL-0061	70.5	73.5	76	16.5	92.5

TECHNICAL CHARACTERISTICS

MODELS	806SL-0050	806SL-0060	806SL-0070	806SL-0080	806SL-0010	806SL-0020
Protection rating (IP)	44	44	44	44	44	44
Power supply (V)	-	-	CXN BUS	CXN BUS	12 - 24 AC - DC	12 - 24 AC - DC
Power (W)	0,3	0,3	0.35	0.35	0,3	0,3
Max. rating of 24 V (A) relay contacts	3	3	-	-	-	-
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

MODELS	806SL-0030	806SL-0040	806SL-0090	806SL-0100	806SL-0051	806SL-0061
Protection rating (IP)	44	44	44	44	44	44
Power supply (V)	CXN BUS	CXN BUS	-	-	-	-
Power (W)	0.35	0.35	-	-	0,3	0,3
Max. rating of 24 V (A) relay contacts	-	-	-	-	3	3
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 12 - 24 V AC - DC

CODE	DESCRIPTION	
Key-switch selectors with DIN lock		
806SL-0050	SELD1FDG - surface-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024 Gray color.	
806SL-0060	SELD2FDG - Recess-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024 Gray color.	
8K06SL-004	SELD1K01 - Kit consisting of two surface-mounted key-switch selectors with blue backlighting and DIN lock cylinder. RAL7024, gray color.	
8K06SL-005	SELD2K01 - Kit consisting of two recess-mounted key-switch selectors with blue backlighting and DIN lock cylinder. RAL7024, gray color.	
Key-switch selectors with DIN lock and CXN BUS technology		
806SL-0070	SELD1BDG - CXN BUS surface-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024, gray color.	
806SL-0080	SELD2BDG - CXN BUS recess-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024, gray color.	
Key-switch selectors with cylinder locks		
806SL-0010	SELC1FDG - Surface-mounted key-switch selector with blue backlight and cylinder lock. RAL7024 Gray color.	
806SL-0020	SELC2FDG - Recess-mounted key-switch selector with blue backlight and cylinder lock. RAL7024 Gray color.	
Key-switch selectors with cylinder lock and CXN BUS technology		
806SL-0030	SELC1BDG - CXN BUS surface-mounted key-switch selector with blue backlight and lock cylinder. RAL7024, gray color.	
806SL-0040	SELC2BDG - Recess-mounted key-switch selector with blue backlight and lock cylinder. RAL7024, gray color.	
Key-switch selectors with DIN lock for 230 V AC controls		
806SL-0090	SELD1FAG - Surface-mounted key-switch selector and DIN lock cylinder for 230 V controls. RAL7024 Gray color.	
806SL-0100	SELD2FAG - Recess-mounted key-switch selector and DIN lock cylinder for 230 V controls. RAL7024 Gray color.	
Accessories for recess-mount selector switches		
001CSS	Post made of natural-finish, anodized aluminum. H = 1 m.	
001CSSN	Post made of black, anodized aluminum.	
Key-switch selectors without DIN lock.		
806SL-0051	SELD1FDS - Surface-mounted key-switch selector with blue backlighting, without DIN lock cylinder. RAL7024 gray color.	
806SL-0061	SELD2FDS - Recess-mounted key-switch selector with blue backlighting, without DIN lock cylinder. RAL7024 gray color.	

NOTES: 806SL-0051 - 806SL-0061
For DIN lock cylinders, see spare part 119R36887 (from code 002 to code 050).

SEL Digital

SELECTORS

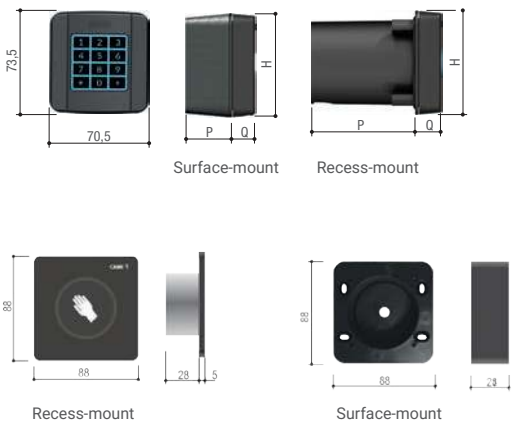
CONNECT WIRELESS 24 V CXN BUS



Code and transponder selectors for automation command

- Backlit with blue light, available in the surface-mount or recess-mount version.
- Green and red feedback light on CXN BUS versions.
- RAL7024 gray cover.
- 12-key keypad for extra security.
- Transponder selector for Mifare/Manchester cards.
- Bluetooth selector with CAME AUTOMATIONBT APP free for IOS and Android.
- Bluetooth plug-in selector version also available.

DIMENSIONS (mm)



DIMENSIONS TABLE (mm)

Models	B (mm)	H (mm)	P (mm)	Q (mm)	P + Q (mm)
806SL-0170	70,5	73,5	33,5	16,5	50
806SL-0180	70,5	73,5	33,5	16,5	50
806SL-0340	70.5	73.5	76	16.5	37.5
806SL-0350	70.5	73.5	76	16.5	37.5
806SL-0360	70.5	73.5	76	16.5	37.5
806SL-0300	70.5	73.5	21	16.5	37.5
806SL-0310	70.5	73.5	76	16.5	92.5
806SL-0280	70.5	73.5	21	16.5	37.5
806SL-0290	70.5	73.5	76	16.5	92.5
806SL-0260	88	88	28	5	33
806SL-0270	88	88	-	5	5

TECHNICAL CHARACTERISTICS

MODELS	806SL-0170	806SL-0180	806SL-0340	806SL-0350	806SL-0360	806SL-0260
Protection rating (IP)	54	54	54	54	54	54
Power supply (V)	-	-	12 - 24 AC - DC	12 - 24 AC - DC	12 - 24 AC - DC	12 - 24 AC - DC
Power (W)	0,144	0,144	0.75	0.75	0.75	0,7
Max. rating of 24 V (A) relay contacts	-	-	-	-	-	1
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20° ÷ +55°

MODELS	806SL-0300	806SL-0310	806SL-0320	806SL-0330	806SL-0280	806SL-0290
Protection rating (IP)	54	54	54	54	54	54
Power supply (V)	12 - 24 AC - DC	12 - 24 AC - DC	15 DC	15 DC	12 - 24 AC - DC	12 - 24 AC - DC
Radio signal frequency (Mhz)	-	-	13.56	13.56	-	-
Power (W)	0.35	0.35	0.97	0.97	0.35	0.35
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 12 - 24 V AC - DC

CODE	DESCRIPTION	
433,92 MHz keypad radio selectors		
806SL-0170	SELT1W4G - 433,92 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.	
8K06SL-008	SELT1K02 - Kit composed of a dual-channel receiver board (001RE432M) and 433 MHz radio keyboard selector (806SL-0170).	
868,35 MHz keypad radio selectors		
806SL-0180	SELT1W8G - 868,35 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.	
Keypad selectors with CXN BUS technology		
806SL-0280	SELT1BDG - Surface-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.	
806SL-0290	SELT2BDG - Recess-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.	
8K06SL-006	SELT1K01 - Kit composed of interface board S0002P and external BUS keypad.	
Accessories for wired keypad selectors		
001R800	Control board for decoding and access-control management via keypad selectors.	
Manchester transponder sensors with CXN BUS technology		
806SL-0300	SELR1BDG - Surface-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.	
806SL-0310	SELR2BDG - Recess-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.	
8K06SL-007	SELR1K01 – Kit consisting of interface board S0002P, surface-mount Bus Transponder and 2 RFID boards (Manchester - 125 KHz).	
Accessories for Manchester transponder selectors		
001R700	Control board for decoding and access-control management via transponder selector.	
009PCT	Keyfob transponder.	
806XG-0090	Transponder card, ISO 7810 - 7813 format, Manchester 125 KHz protocol.	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Mifare transponder sensors with CXN BUS technology		
806SL-0320	SELM1BDG - Surface-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.	
806SL-0330	SELM2BDG - Recess-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.	
8K06SL-009	SELM1K01 - Kit consisting of S0002P dual-channel interface board (806SL-0370), outdoor MIFARE BUS transponder selector (806SL-0320) and 2 MIFARE cards (806XG-0100).	
Accessories for Mifare transponder selectors		
001R700	Control board for decoding and access-control management via transponder selector.	
806XG-0100	ISO MIFARE Classic 1 K – 13.56 MHz card.	
Bluetooth digital selectors with CXN BUS technology		
806SL-0340	SELB1NDG1 - Surface-mount BUS bluetooth selector for 15 users with blue backlight for use even on automations without BUS technology.	
806SL-0350	SELB1NDG2 - Surface-mount BUS bluetooth selector for 50 users with blue backlight for use even on automations without BUS technology.	
806SL-0360	SELB1NDG3 - Surface-mount BUS bluetooth selector for 250 users with blue backlight for use even on automations without BUS technology.	
External 12 - 24 V AC - DC 433,92 MHz radio receivers for: 806SL-0170		
001RE432M	Two-channel 433,92 MHz surface-mount IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D, TWIN and TTS series.	
External 12 - 24 V AC - DC 868,35 MHz radio receivers for: 806SL-0180		
001RE862M	Two-channel 868,35 MHz surface-mounted IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D and TTS series.	
12 - 24 V AC - DC external modules for: radio-based transponders, keypads and selectors		
806RV-0060	RBE PLUS 24 - Multifunction outdoor IP54 24 V AC-DC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
120 - 230 V AC external modules for: transponder, keypad and radio-based selectors		
806RV-0070	RBE PLUS 230 - Multifunction outdoor IP54 120-230 V AC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
433,92 MHz plug-in receivers for automation and RBE Plus		
001AF43S	433,92 MHz plug-in radio frequency card.	
868,35 MHz plug-in receivers for automation and RBE Plus		
001AF868	868,35 MHz plug-in radio frequency card.	
Accessories for BUS selector switches for: 806RV-0060 - 806RV-0070		
806XG-0110	RCXN - Module for managing CXN BUS accessories.	

CAME

Bluetooth digital plug-in selectors		
806SA-0140	WIFI GATEWAY- Gateway to connect the automation to the cloud via Wi-Fi or locally via Bluetooth selector (50 users)	
CXN BUS interface for automations		
806XG-0080	BUS expansion module with 2 inputs and 2 outputs. Inputs can be configured in NO, NC or resistive mode (8K2), a warning light output and a relay output.	
Accessories for keypad and transponders selectors		
806SL-0370	S0002P - Surface-mounted IP54 12 - 24 V AC - DC dual-channel control card for keypads and transponders.	
24 V AC - DC magnetic sensors		
009SMA	Single-channel magnetic sensor at 24 V for detecting metal masses.	
009SMA2	Double-channel magnetic sensor at 24 V for detecting metal masses.	
230 V AC magnetic sensors		
009SMA220	Single-channel magnetic sensor at 230 V for detecting metal masses.	
12 - 24 V AC - DC microwave sensor		
806SL-0260	Recess-mount contact-free selector with adjustable backlight. 12 – 24 V AC – DC power supply.	
Accessories for: 806SL-0260		
806SL-0270	Surface-mount casing.	
868,35 MHz antenna for: 001KLED - 001KLED24 - 806SL-0180		
001TOP-A862N	Antenna tuned at 868,35 MHz.	
Antenna at 433,92 MHz for: 001KLED - 001KLED24 - 806SL-0170		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
Accessories		
001TOP-RG58	Antenna cable.	
Accessories for recess-mount selector switches		
001CSS	Post made of natural-finish, anodized aluminum. H = 1 m.	
001CSSN	Post made of black, anodized aluminum.	



DOWNLOAD THE CAME AUTOMATIONBT APP

AutomationBT is CAME's new app for Bluetooth selectors that lets you control your automated operators via smartphone.
Activate the location service, receive alerts and open the gate. The Keyless function lets you even do it automatically.

App Store Google Play

RBE Plus

ACCESS CONTROL

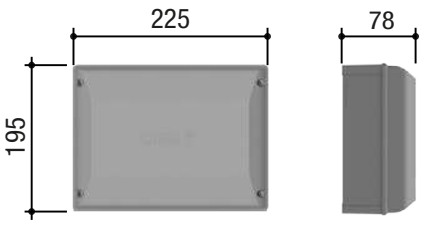
CONNECT 24 V CXN BUS



Receiver and control board for access control up to 5000 users

- Simultaneous management of transmitters, keyboards and transponders
- Management of up to 5000 users
- Connection of up to 8 CXN BUS accessories
- 4 relay outputs
- 4 digital inputs
- Direct management of up to 4 CAME automations via CRP
- Integrated clock for managing time slots
- Advanced Quick & Easy with Code Function implemented directly on the keyboards
- Event log for access control
- CAME Key slot
- Easy installation on DIN rail
- Integrated Parking Mode with 5 operating logics and Traffic Light Mode with 4 configurable modes for intelligent one-way control

DIMENSIONS (mm)

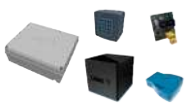
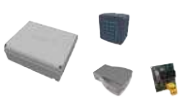


TECHNICAL CHARACTERISTICS

MODELS	806RV-0060	806RV-0070
Protection rating (IP)	54	54
Power supply (V)	24	120/230
Radio signal frequency (Mhz)	433,92 - 868,35	433,92 - 868,35
Power (W)	15	13.5
Operating temperature (°C)	-20° ÷ 55°C	-20° ÷ 55°C
Material	ABS	ABS

Frequency 433,92 MHz with 001AF43S; Frequency 868,35 MHz with 001AF868.

● 120 - 230 V AC ● 24 V DC

CODE	DESCRIPTION	
12 - 24 V AC - DC external modules		
806RV-0060	RBE PLUS 24 - Multifunction outdoor IP54 24 V AC-DC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
120 - 230 V AC external modules		
806RV-0070	RBE PLUS 230 - Multifunction outdoor IP54 120-230 V AC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
433,92 MHz wireless accessories		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
001AF43S	433,92 MHz plug-in radio frequency card.	
806SL-0170	SELT1W4G - 433,92 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.	
806TS-0240	TTS44FKS - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0250	TTS44RKS - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
806TS-0270	TOP44RBN - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
806TS-0300	TOP42FGN - Two-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0310	TOP44FGN - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
Radio complete systems		
8K06RV-007	Four-channel 433,92 MHz 230 V AC radio system for rolling code remote controls. Max 5000 users. Complete with: 1 RBE 230 (806RV-0070), 1 AF 433 MHz plug-in receiver board (001AF43S), 1 antenna (001TOP-A433N) with 5 meters of cable (001TOP-RG58), and 2 four-channel rolling code transmitters (806TS-0270).	
Ethernet complete systems		
8K06RV-008	Ethernet kit for temporary access management consisting of: 1 QBE AC gateway (806SA-0180), 1 RBE 230 (806RV-0070), 1 slave module (806SA-0150), 1 wired keyboard (806SL-0280) and 1 accessory RCXN (806XG-0110).	
Wi-Fi complete systems		
8K06RV-009	Access control management kit with Wi-Fi gateway consisting of: 1 Wi-Fi gateway (806SA-0200), 1 RBE 230 (806RV-0070), 1 wired keypad (806SL-0280) and 1 RCXN accessory (806XG-0110).	
4G complete systems		
8K06RV-010	4G kit for temporary access management consisting of: 1 4G gateway with integrated radio (806SA-0220), 1 RBE 230 (806RV-0070), 1 wired keypad (806SL-0280) and 1 RCXN accessory (806XG-0110).	

THE COMPLETE RANGE

CODE	DESCRIPTION
868,35 MHz wireless accessories	
001TOP-A862N	Antenna tuned at 868,35 MHz.
001AF868	868,35 MHz plug-in radio frequency card.
806SL-0180	SELT1W8G - 868,35 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.
806TS-0230	TTSD4RKS - Double frequency four-channel rolling code transmitter. 4,294,967,896 combinations.
806TS-0290	TOPD4REN - Four-channel, dual-frequency, rolling code transmitter (Default 868,35 MHz). 4,294,967,896 combinations.
806TS-0330	TOPD4FRN - Four-channel, dual-frequency transmitter with new fixed code encoding (Default 868,35 MHz) and self-learning function for TOP, TAM, TWIN and TTS series radio controls.
Accessories for antenna	
001TOP-RG58	Antenna cable.
Accessories for BUS selector switches for: 806RV-0060 - 806RV-0070	
806XG-0110	RCXN - Module for managing CXN BUS accessories.
Accessories for keypad operation	
806SL-0280	SELT1BDG - Surface-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.
806SL-0290	SELT2BDG - Recess-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.
Accessories for operation with Manchester transponders	
806SL-0300	SELR1BDG - Surface-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.
806SL-0310	SELR2BDG - Recess-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.
009PCT	Keyfob transponder.
806XG-0090	Transponder card, ISO 7810 - 7813 format, Manchester 125 KHz protocol.
Accessories for operation with MIFARE transponders	
806SL-0320	SELM1BDG - Surface-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.
806SL-0330	SELM2BDG - Recess-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.
806XG-0100	ISO MIFARE Classic 1 K – 13.56 MHz card.
Accessories for key selector switches	
806SL-0070	SELD1BDG - CXN BUS surface-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024, gray color.
806SL-0080	SELD2BDG - CXN BUS recess-mounted key-switch selector with blue backlight and DIN lock cylinder. RAL7024, gray color.




















With domestic Wi-Fi close to the drive

Internet

Home router

Wi-Fi AC gateway
806SA-0200

Without domestic Wi-Fi close to the drive

Internet

4G AC gateway
806SA-0220
806SA-0230

With Wi-Fi or home LAN near QBE

Internet

Home router

QBE AC
806SA-180

Slave module
806SA-0150

RBE PLUS

CAME

OUTPUT CONTACTS
MAX. 4

INPUT CONTACTS
MAX. 4

CRP CONNECTION FOR CAME AUTOMATIONS
MAX. 4

001AF43S
001AF868

TTS

TOP

806XG-0110

CXN BUS SELECTORS

CXN BUS SELECTORS

MAX. 8 DIFFERENT SELECTORS

Data network

Wi-Fi

Plug-in

Radio

Wired

CONNECT

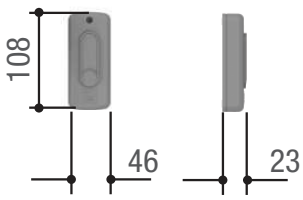
24 V



Receivers of up to 250 users

- Management of up to 250 users.
- Available in the versions powered by 12 - 24 V AC - DC.
- Access control version available (806RV-0100).
- Manages all transmitters: TOP - TAM - TWIN Fixed Code and Rolling Code by using the AF43S or the AF868 boards, depending on the requested frequency.
- Possibility to set all CAME codes or only the Rolling Code or only the Key Code.

DIMENSIONS (mm)



TECHNICAL CHARACTERISTICS

MODELS	806RV-0100	RE432M	RE862M
Protection rating (IP)	54	65	65
Power supply (V)	12 - 24	12 - 24 AC - DC	12 - 24 AC - DC
Radio signal frequency (Mhz)	433,92	433,92	868,35
Operating temperature (°C)	-20° ÷ 55°C	-20° ÷ 55°C	-20° ÷ 55°C

● 12 - 24 V AC - DC

CODE	DESCRIPTION	
433,92 MHz radio receivers		
001RE432M	Two-channel 433,92 MHz surface-mount IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D, TWIN and TTS series.	
868,35 MHz radio receivers		
001RE862M	Two-channel 868,35 MHz surface-mounted IP54 12 - 24 V AC - DC receiver for storing up to 250 different users (codes), for TOP, TAM, ATOMO D and TTS series.	
433,92 MHz wireless receivers for access control		
806RV-0100	RE43W - Wiegand 433,92 MHz outdoor IP54 12 - 24 V DC receiver to operate rolling code wireless controls on access control.	
433,92 MHz wireless accessories		
001TOP-A433N	Antenna tuned at 433,92 MHz.	
806SL-0170	SELT1W4G - 433,92 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.	
806TS-0240	TTS44FKS - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0250	TTS44RKS - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
806TS-0270	TOP44RBN - Four-channel 433,92 MHz rolling code transmitter. 4,294,967,896 combinations.	
806TS-0300	TOP42FGN - Two-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
806TS-0310	TOP44FGN - Four-channel transmitter with new fixed code encoding at 433,92 MHz and self-learning function for TOP, TAM and TWIN series radio controls.	
868,35 MHz wireless accessories		
001TOP-A862N	Antenna tuned at 868,35 MHz.	
806SL-0180	SELT1W8G - 868,35 MHz surface-mounted, 12-key radio keypad selector, with blue backlight, 25 savable codes and password to access the programming mode. Settable in Rolling Code or Fixed Code mode. RAL7024 Gray color.	
806TS-0230	TTSD4RKS - Double frequency four-channel rolling code transmitter. 4,294,967,896 combinations.	
806TS-0290	TOPD4REN - Four-channel, dual-frequency, rolling code transmitter (Default 868,35 MHz). 4,294,967,896 combinations.	
806TS-0330	TOPD4FRN - Four-channel, dual-frequency transmitter with new fixed code encoding (Default 868,35 MHz) and self-learning function for TOP, TAM, TWIN and TTS series radio controls.	
Fixed code complete systems		
001TRA03	Two-channel 433,92 MHz 12 - 24 V DC radio system for fixed code remote controls. Max 250 users. Complete with: 1 receiver 001RE432M, 2 remote controls 806TS-0300, 1 antenna 001TOP-A433N, 5 m of 001TOP-RG58 cable.	
Rolling code complete systems		
8K06RV-001	Two-channel 433,92 MHz 12 - 24 V DC radio system for rolling code remote controls. Max 250 users. Complete with: 1 receiver 001RE432M, 2 remote controls 806TS-0270, 1 antenna 001TOP-A433N, 5 m of 001TOP-RG58 cable.	



RE432M

TWO-CHANNEL RECEIVER



806TS-0270

FOUR-CHANNEL TRANSMITTERS



001TOP-A433N

ANTENNA



001TOP-RG58

ANTENNA CABLE (5 m)



8K06RV-001

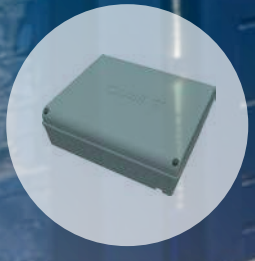
TOTAL COMPATIBILITY AND GUARANTEED SAFETY

Ideal for adding remote radio control to legacy or third-party automations.

The radio kit is the optimal choice whenever CAME technology is required for multi-user management.

- Up to 250 users
- 2 relays to manage up to 2 automations or, alternatively, other home accessories

CAME



806RV-0070

MULTIFUNCTION CONTROL PANEL



806TS-0270

FOUR-CHANNEL TRANSMITTERS



001AF43S

PLUG-IN RADIO FREQUENCY CARD



001TOP-A433N

ANTENNA

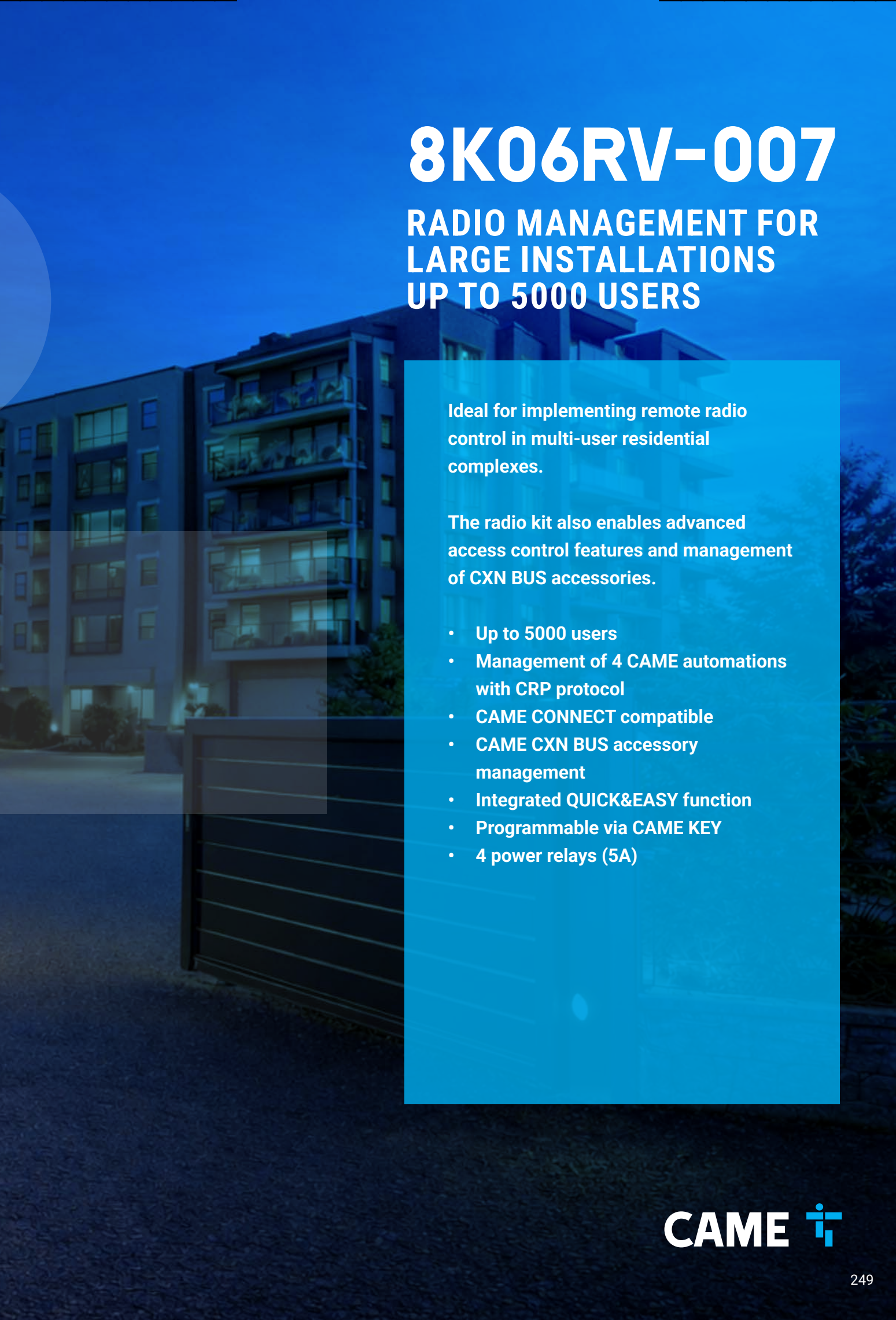


001TOP-RG58

ANTENNA CABLE (5 m)

8K06RV-007

RADIO MANAGEMENT FOR LARGE INSTALLATIONS UP TO 5000 USERS



Ideal for implementing remote radio control in multi-user residential complexes.

The radio kit also enables advanced access control features and management of CXN BUS accessories.

- **Up to 5000 users**
- **Management of 4 CAME automations with CRP protocol**
- **CAME CONNECT compatible**
- **CAME CXN BUS accessory management**
- **Integrated QUICK&EASY function**
- **Programmable via CAME KEY**
- **4 power relays (5A)**

CAME

GATEWAY

CONNECT GATEWAYS

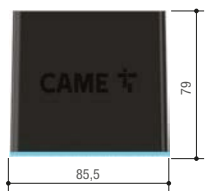
CONNECT | 24 V | WIRELESS | 4G



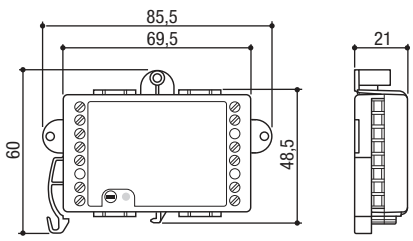
Gateways for automation, access control and smart home

- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.
- Installation freedom by choosing the appropriate type of connection (4G - Wi-Fi - Ethernet).
- Thanks to the CAME protocol it is possible to have total control of the operator (commands, automation status, programming).
- Possibility to program scenarios and timers, easily and intuitively.
- System extension with slave modules and interaction between different devices, including those that can be controlled via apps or voice commands (e.g., Alexa).
- Thanks to two output relays and two digital inputs, integrated in the unit, the operator opening or closing can be controlled without the CAME protocol (806SA-0010 - 806SA-0020).
- Smartphone access automation, secure personal data management, and remote code control for keypads or common areas.
- "CAME AUTOMATION," "CAME SETUP," and "QBE" apps for users and installers, available on Google Play and App Store.

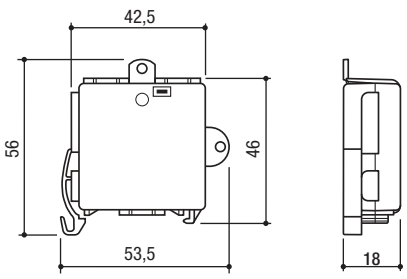
DIMENSIONS (mm)



842EC-0020
806SA-0130



806SA-0010
806SA-0020



806SA-0040

TECHNICAL CHARACTERISTICS

MODELS	806SA-0130	806SA-0140	806SA-0210	806SA-0180	806SA-0220	806SA-0230	806SA-0200	842EC-0020
Protection rating (IP)	30	30	-	30	-	-	30	30
Power supply (V)	5 DC -	5 DC	12 - 30 AC - DC	5 DC	12 - 30 AC - DC	12 - 30 AC - DC	5 DC	5 DC
Radio signal frequency (Mhz)	869,50	-	-	869,50	869.5	-	-	868,65 - 869,50
Data connection technologies	Wi-Fi - Ethernet	-	LTE	Wi-Fi - Ethernet	LTE	LTE	-	Wi-Fi - Ethernet
Power (W)	-	2,5	3	-	3	3	2,5	-
Operating temperature (°C)	+5 ÷ +40	-20 ÷ +70	-20 ÷ +70	+5 ÷ +40	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	+5 ÷ +40

● 5 V DC ● 12 - 30 AC - DC

CODE	DESCRIPTION	
Automation gateways		
806SA-0130	QBEMFSB2 - Ethernet-WiFi Gateway for controlling, via the CAME Connect system, up to five slave modules over the radio-frequency connection.	
806SA-0140	WIFI GATEWAY- Gateway to connect the automation to the cloud via Wi-Fi or locally via Bluetooth selector (50 users)	
12 - 24 V AC - DC automation gateways		
806SA-0210	4G Gateway - Stand-alone 4G Gateway module for the remote management of CAME automations with the dedicated CAME Connect system (002RSE module included).	
Gateway for automation with access control function		
806SA-0180	QBEMFSAC - Ethernet-Wi-Fi gateway to control access, with the CAME Connect system, up to 5 slave modules via radio link.	
806SA-0220	4G Radio Gateway - 4G Gateway module with integrated radio, for the remote management of CAME automations with the dedicated CAME Connect system (002RSE module included). It allows you to control up to 5 slave modules.	
806SA-0230	4G Gateway with SIM - Stand-alone 4G Gateway Module with SIM (4 years / 480 MB connectivity included) for remote control of CAME automations with the CAME CONNECT cloud and the Quick&Easy function (002RSE module included).	
806SA-0200	Wi-Fi Gateway AC to control access with the CAME Connect system.	
Smart Home Gateway		
842EC-0020	QBEDFSB1 - Versatile gateway with Wi-Fi and Ethernet connectivity that enables control of all home automation systems connected to CAME. Using the QBE App, users can manage devices both remotely and locally and control lights, gates, blinds, heating, and more, all from one application. The gateway also features a sleek design with a blue courtesy light.	
Accessories for wireless gateways		
806SA-0150	Slave Module to connect the operator to the CAME Connect gateways.	
806SA-0040	RSLV001 - Slave module for operators (002RSE module included).	
Accessories for 4G Gateways		
806SA-0050	Two-metre long antenna cable	



DOWNLOAD THE CAME AUTOMATION APP

The Cloud connection changes the way we experience our automated operators, by ensuring comfort and safety.
We have put all our CAME Connect automated products online. In this way they can be controlled from any smartphone or tablet.

App Store Google Play

DFWN

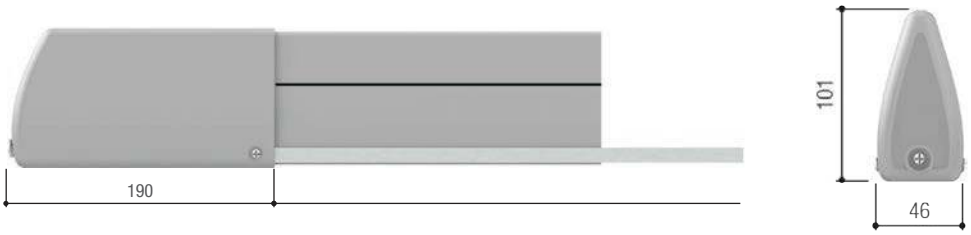
SENSITIVE EDGES



Sensitive safety edges with mechanical or resistive contact

- An exclusive CAME patent for protection against any mechanical risk.
- The solution for high levels of safety and quality of your automated system.
- Mechanical or resistive contact (8K2Ω).
- Specific for using with RIO System 2.0 (requires items 806SS-0010 - 806SS-0040 - 806SS-0050), or DXR photocells (item 806TF-0060).
- Compliant with standard EN13849-1.
- Available in both light gray and black versions.

DIMENSIONS (mm)



MAXIMUM LENGTH 6 m

TECHNICAL CHARACTERISTICS

MODELS	DFWN1500 / DFWN1500N		DFWN1700 / DFWN1700N		DFWN2000 / DFWN2000N		DFWN2500 / DFWN2500N	
Protection rating (IP)	54	54	54	54	54	54	54	54
Maximum speed measured at the end of the leaf (m/min)	12	12	12	12	12	12	12	12
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A	TPE 65 SHORT A

CODE	DESCRIPTION
Sensitive safety-edges	
001DFWN1500	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 1500 mm. Color light gray RAL 7040.
001DFWN1700	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 1700 mm. Color light gray RAL 7040.
001DFWN2000	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 2000 mm. Color light gray RAL 7040.
001DFWN2500	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 2500 mm. Color light gray RAL 7040.
001DFWN1500N	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 1500 mm. Color black RAL 9005
001DFWN1700N	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 1700 mm. Color black RAL 9005
001DFWN2000N	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 2000 mm. Color black RAL 9005
001DFWN2500N	Safety sensitive edge made of rubber with mechanical or resistive contact. L = 2500 mm. Color black RAL 9005
Components for assemblying the sensitive safety-edges of up to 4 m. (max.).	
009RV117H	Aluminum profile L = 2,000 mm.
009RV118I	Rubber profile L = 4000 mm. Light grey RAL 7040 colour.
001TMFW	Packaging of caps and mechanisms. Light grey RAL 7040 colour.
009RV118N	Rubber profile L = 4000 mm. Black color RAL 9005.
001TMFWN	Packaging of caps and mechanisms. Black color RAL 9005.
Components for assembling sensitive safety-edges of up to 6 m (max.)	
009RV117H	Aluminum profile L = 2,000 mm.
009RV118A	Rubber profile L = 6000 mm. Light grey RAL 7040 colour.
001TMF6W	Packaging of caps and mechanisms. Light grey RAL 7040 colour.
009RV118M	Rubber profile L = 6000 mm. Black color RAL 9005.
001TMF6WN	Packaging of caps and mechanisms. Black color RAL 9005.
Cordless control for resistive edges	
806TF-0060	DXR10BAP - Pair of surface-mount synchronized, swiveling, infrared-beam photocells with receiver rated at 12 - 24 V AC - DC and battery transmitter. Range: 10 m.
Components for: sensitive safety-edges	
806SS-0060	ECN3F242 - Cat.3 wired control device for 8.2 KHhm resistive edges.

















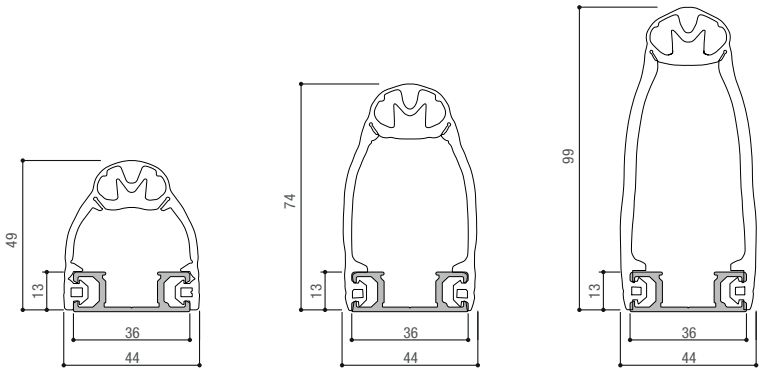
EDG
SENSITIVE EDGES



Sensitive safety edges with resistive contact

- The right solutions for a high level of safety and quality of your automation system.
- Choose a ready-to-use sensitive safety edge in 4 different lengths or compose your custom profile.
- Each sensitive edge (model H-I-L) can be shortened using the dedicated scissors (806ED-0171).
- All sensitive edges are of the resistive type (8K2).
- Specific for using with RIO System 2.0 (requires items: 806SS-0010 - 806SS-0040 - 806SS-0050).
- The EDG series wired sensitive edge control device (806SS-0060) is available, certified in category 3 and corresponding to Performance Level E, according to EN ISO 13849-1.

DIMENSIONS (mm)



EDG H EDG I EDG L

TECHNICAL CHARACTERISTICS

MODELS	EDG
Protection rating (IP)	67
Operating temperature (°C)	-20 ÷ +60
Material	EPDM
Cable length (m)	5
Resistor (Ω)	8.2 (0.6 W)

NOTE: See the SENSITIVE EDGES catalog for full details.

CODE	DESCRIPTION	
EDG H - Cuttable resistive safety edges with Click-Fit base - H = 49 mm		
806ED-0130	EDGH15R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 49 mm. L = 1500 mm.	
806ED-0131	EDGH17R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 49 mm. L = 1700 mm.	
806ED-0132	EDGH20R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 49 mm. L = 2000 mm.	
806ED-0133	EDGH25R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 49 mm. L = 2500 mm.	
EDG I - Cuttable resistive safety edges with Click-Fit base - H = 74 mm		
806ED-0140	EDGI15R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 74 mm. L = 1500 mm.	
806ED-0141	EDGI17R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 74 mm. L = 1700 mm.	
806ED-0142	EDGI20R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 74 mm. L = 2000 mm.	
806ED-0143	EDGI25R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 74 mm. L = 2500 mm.	
EDG L - Cuttable resistive safety edges with Click-Fit base - H = 99 mm		
806ED-0150	EDGL15R1 - Resistive safety sensitive edge, rubber with profile dimensions 44 mm x 99 mm.L = 1500 mm.	
806ED-0151	EDGL17R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 99 mm. L = 1700 mm.	
806ED-0152	EDGL20R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 99 mm. L = 2000 mm.	
806ED-0153	EDGL25R1 - Resistive safety edge, rubber with profile dimensions 44 mm x 99 mm. L = 2500 mm.	
Accessories for resistive sensitive edges		
806SS-0060	ECN3F242 - Cat.3 wired control device for 8.2 KHhm resistive edges.	
Cordless control for resistive edges		
806TF-0060	DXR10BAP - Pair of outdoor adjustable synchronized infrared beam photocells with 12 - 24 V AC - DC receiver and battery-powered transmitter. Range: 10 m.	

THE COMPLETE RANGE

CODE	DESCRIPTION
Components for EDG H	
806ED-0160	Rubber profile measuring 44 mm x 49 mm. L = 25 m.
806ED-0166	Caps for profile size 44 mm x 49 mm (20 pcs).
Components for EDG I	
806ED-0161	Rubber profile measuring 44 mm x 74 mm. L = 25 m.
806ED-0167	Caps for profile size 44 mm x 74 mm (20 pcs).
Components for EDG L	
806ED-0162	Rubber profile measuring 44 mm x 99 mm. L = 25 m.
806ED-0168	Caps for profile size 44 mm x 99 mm (20 pcs).
Components for installing the sensitive safety-edges	
806ED-0163	Aluminum profile (10 pcs). L = 2 sts
806ED-0164	Contact terminals (20 pcs).
806ED-0165	8k2 Ohm resistive contact terminals (10 pcs).
806ED-0169	Connection cable L= 2 m (10 pz).
806ED-0170	Serial connection cable L= 2 m (10 pz).
806ED-0171	Scissors for rubber profiles.











RIO System 2.0

WIRELESS SAFETY SYSTEM

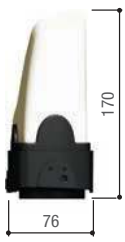
WIRELESS 24 V RIO SYSTEM 2.0



Complete wireless safety system

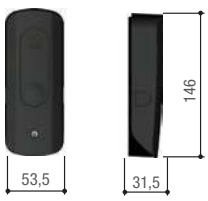
- Save on fitting times compared to traditional installations.
- No digging or masonry work required.
- No cables to lay.
- Elegant, low-key design.
- Compatible with any control panel.
- Total safety in compliance with European standards.
- Immediately brings your systems up to code, even if they are non compliant.
- Reduced consumption.
- Malfunction and low-battery alerts.

DIMENSIONS (mm)

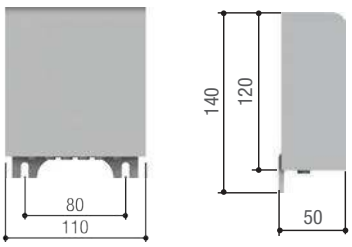




806SS-0030



806SS-0010
806SS-0020



806SS-0050

OPERATIONAL LIMITS

MODELS	806SS-0010	806SS-0020	806SS-0030	806SS-0050	806SS-0040
Max. range of radio (m)	30	30	30	30	30
Max range of infrared beam (m)	10 (TX - RX)	-	-	-	-

TECHNICAL CHARACTERISTICS

MODELS	806SS-0010	806SS-0020	806SS-0030	806SS-0050	806SS-0040
Protection rating (IP)	54	54	54	55	-
Power supply (V)	3	3	3	24 AC - DC	5
Radio signal frequency (Mhz)	868,95	868,95	868,95	868,95	868,95
Battery type	2 CR123A Lithium	1 CR123A Lithium	2 CR123A Lithium	-	-
Battery capacity (mAh)	1700	1700	1700	-	-
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	ABS – Polycarbonate	ABS – Polycarbonate	ABS – Polycarbonate	ABS – Polycarbonate	-

● 24 V AC - DC

CODE	DESCRIPTION	
Wireless, infrared beam photocells.		
806SS-0010	RIOPH8WS - Pair of wireless, infrared-beam photocells. Infrared range: 10 (m)	
Wireless modules		
806SS-0020	RIOED8WS - Wireless module for controlling resistive sensitive safety-edges.	
Wireless flashing lights		
806SS-0030	RIOLX8WS - Wireless flashing light	
Surface-mounted Wireless control modules		
806SS-0050	RIOCT8WS - External radio-control module for managing wireless accessories.	
Wireless plug-in control modules for operators set up for RIO System 2.0 technology		
806SS-0040	RIOCN8WS - Snap-in, radio-based control module for managing wireless accessories.	
Accessories for: 806SS-0010		
001DB-L	Natural anodized aluminum column. H = 500 mm.	
001DB-LN	Black anodized aluminum column. H = 500 mm.	
001DB-CG	PVC post, RAL9006 color (silver). H = 500 mm.	
Accessories for: 806SS-0030		
001KIAROS	Wall-fastening base.	

Quick&Easy Access

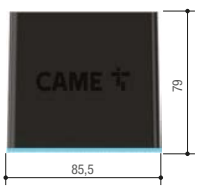
CONNECT 24 V 4G WIRELESS



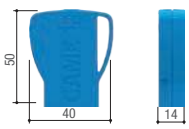
Solution for simply managing temporary access with CAME CONNECT

- Developed with CONNECT technology for remote management of temporary access via gateway
- Benefits to the system operator:
- Check IN and Check OUT management
- Automated system for access via smartphone
- Keypad code management via cloud for opening doors in common areas or for unconnected guests
- Scheduling
- Customizable invitation mail with logo and facility information
- Customizable confirmation in various languages
- Benefits for visitors or guests:
- No registration process required
- No app to install, just web browser
- Unlimited access at any time
- Secure management of personal data
- Extension of access management to CAME automations.
- Installation freedom by choosing the appropriate connection type (Wi-Fi - Ethernet - 4G).

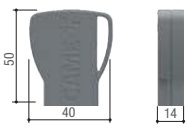
DIMENSIONS (mm)



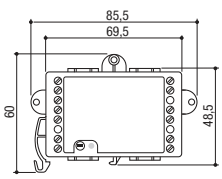
806SA-0180

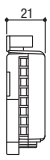


806SA-0150

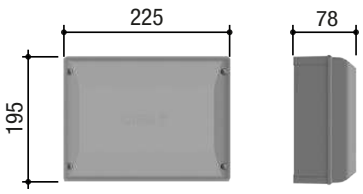


806SA-0200





806SA-0220
806SA-0230

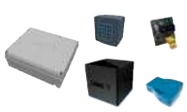
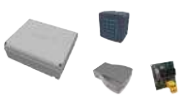
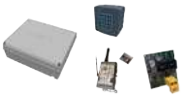


806RV-0060
806RV-0070

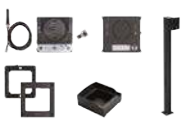
TECHNICAL CHARACTERISTICS

MODELS	806SA-0180	806SA-0220	806SA-0230	806SA-0200	806SA-0150	806SA-0040
Protection rating (IP)	30	-	-	30	-	-
Power supply (V)	5	12 - 30	12 - 30	5	5 DC	12 - 30 AC - DC
Radio signal frequency (Mhz)	869,50	869,50	-	-	869,50	869,50
Power (W)	-	3	3	2,5	-	-
Operating temperature (°C)	+5 ÷ +40	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70

● 5 V DC ● 12 - 30 AC - DC

CODE	DESCRIPTION	
Gateway with access control function		
806SA-0180	QBEMFSAC - Ethernet-Wi-Fi gateway to control access, with the CAME Connect system, up to 5 slave modules via radio link.	
806SA-0220	4G Radio Gateway - 4G Gateway module with integrated radio, for the remote management of CAME automations with the dedicated CAME Connect system (002RSE module included). It allows you to control up to 5 slave modules.	
806SA-0230	4G Gateway with SIM - Stand-alone 4G Gateway Module with SIM (4 years / 480 MB connectivity included) for remote control of CAME automations with the CAME CONNECT cloud and the Quick&Easy function (002RSE module included).	
806SA-0200	Wi-Fi Gateway AC to control access with the CAME Connect system.	
Slave modules		
806SA-0150	Slave Module to connect the operator to the CAME Connect gateways.	
806SA-0040	RSLV001 - Slave module for operators (002RSE module included).	
Receiver modules		
001AF43S	433,92 MHz plug-in radio frequency card.	
001AF868	868,35 MHz plug-in radio frequency card.	
12 - 24 V AC - DC external modules		
806RV-0060	RBE PLUS 24 - Multifunction outdoor IP54 24 V AC-DC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
120 - 230 V AC external modules		
806RV-0070	RBE PLUS 230 - Multifunction outdoor IP54 120-230 V AC control panel to manage CXN BUS transmitters and accessories for up to 5000 different users, with 7-segment programming display, 4 relay outputs, 4 inputs, and advanced Quick&Easy function for occasional user control.	
Ethernet complete systems for temporary access control		
8K06RV-008	Ethernet kit for temporary access management consisting of: 1 QBE AC gateway (806SA-0180), 1 RBE 230 (806RV-0070), 1 slave module (806SA-0150), 1 wired keyboard (806SL-0280) and 1 accessory RCXN (806XG-0110).	
Wi-Fi complete systems for temporary access control		
8K06RV-009	Access control management kit with Wi-Fi gateway consisting of: 1 Wi-Fi gateway (806SA-0200), 1 RBE 230 (806RV-0070), 1 wired keypad (806SL-0280) and 1 RCXN accessory (806XG-0110).	
4G complete systems for temporary access control		
8K06RV-010	4G kit for temporary access management consisting of: 1 4G gateway with integrated radio (806SA-0220), 1 RBE 230 (806RV-0070), 1 wired keypad (806SL-0280) and 1 RCXN accessory (806XG-0110).	

THE COMPLETE RANGE

CODE	DESCRIPTION	
Accessories for BUS selector switches for: 806RV-0060 - 806RV-0070		
806XG-0110 CXN	RCXN - Module for managing CXN BUS accessories.	
Accessories for keypad operation		
806SL-0280 CXN	SELT1BDG - Surface-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.	
806SL-0290 CXN	SELT2BDG - Recess-mounted 12-key CXN BUS keypad selector with blue backlighting. RAL7024 gray color.	
Accessories for operation with Manchester transponders		
806SL-0300 CXN	SELR1BDG - Surface-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.	
806SL-0310 CXN	SELR2BDG - Recess-mounted CXN BUS transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue blacklighting. RAL7024 gray color.	
009PCT	Keyfob transponder.	
806XG-0090	Transponder card, ISO 7810 - 7813 format, Manchester 125 KHz protocol.	
Accessories for operation with MIFARE transponders		
806SL-0320 CXN	SELM1BDG - Surface-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.	
806SL-0330 CXN	SELM2BDG - Recess-mounted BUS transponder selector for MIFARE cards with blue backlighting. RAL7024, gray color.	
806XG-0100	ISO MIFARE Classic 1 K – 13.56 MHz card.	
Video entry system kit		
8K40AD-004	MTMAKCONNECT - Entry system kit with MTMA/Connect module equipped with a call button. Connected to CAME automations, it acts as a 4G gateway, enabling connection to the CAME Connect cloud. Complete with accessories in anti-vandal version and black painted aluminum support post.	



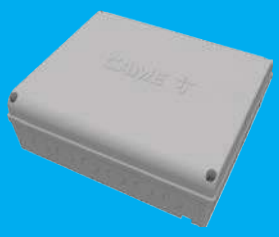
DOWNLOAD THE CAME AUTOMATION APP

The Cloud connection changes the way we experience our automated operators, by ensuring comfort and safety.
We have put all our CAME Connect automated products online. In this way they can be controlled from any smartphone or tablet.

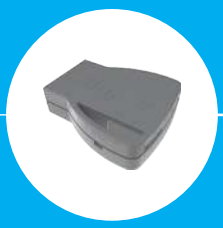
App Store Google Play

THE POTENTIAL OF QUICK&EASY ACCESS WITH RBE PLUS

The RBE Plus connection can be configured in various modes, depending on the distance between the control unit and the home router. For short distances, the CAME 806SA-0200 gateway, plugged directly into the RBE Plus control unit, allows the connected automations to be controlled within the range of the Wi-Fi signal. For longer distances, CAME QBE AC or a GSM gateway connected to the telephone network must be used.



ROUTER CLOSE BY



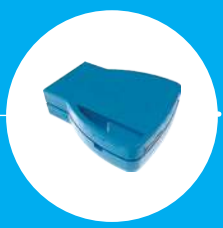
Wi-Fi



Wi-Fi Router

GATEWAY Wi-Fi AC 806SA-0200

ROUTER AT MEDIUM DISTANCE



Radio



Wi-Fi

Ethernet



LAN / Wi-Fi ROUTER

SLAVE MODULE 806SA-0150

QBE AC 806SA-0180

ROUTER NOT AVAILABLE



MODULE 4G AC 806SA-0220 - 806SA-0230

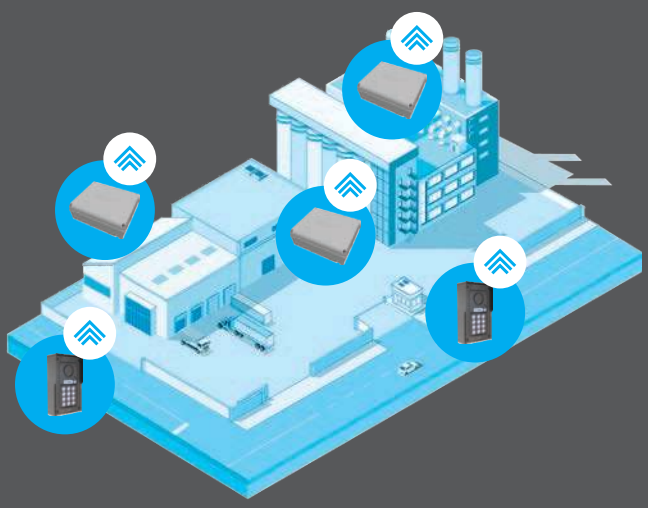
INFINITE APPLICATIONS

Using the CAME CONNECT cloud, you can manage endless RBE Plus and MTA/CONNECT systems.

All the devices talk to each other without the need for a wired connection.

CONNECT

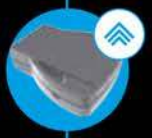
CAME CONNECT CLOUD



CONFIGURATION EXAMPLE
WI-FI TECHNOLOGY



Wi-Fi Router



Wi-Fi GATEWAY
806SA-0200

CONFIGURATION EXAMPLE
4G TECHNOLOGY



GATEWAY 4G AC
806SA-0220
806SA-0230

CONFIGURATION EXAMPLE
QBE GATEWAY



LAN/Wi-Fi Router



QBEMFSAC
806SA-0180



UP TO 5
SLAVE MODULES
806SA-0150



RBE PLUS 230
806RV-0070



CRP CONNECTIONS
FOR CAME AUTOMATIONS MAX 4

230 V AC



806XG-0110



OUTPUT 1



SELECTORS



OUTPUT 2



SELECTORS



OUTPUT 3



SELECTORS



OUTPUT 4



SELECTORS

ACCESS

APARTMENT 1

APARTMENT 2

APARTMENT 3

QUICK&EASY ACCESS
WITH MTMA/CONNECT

NATIVE INTEGRATION AND SCALABILITY
RBE Plus and MTMA/CONNECT are designed to integrate with the Quick&Easy Access system-the ideal solution for B&Bs, hotels, logistics facilities and much more. The synergy between these modules enables the automated management of unique codes for each guest and allows direct contact with the customer via the audio entry system.

GUEST MANAGEMENT AND AUTOMATION
Credentials, which are only valid during the check-in/check-out period, are automatically sent via e-mail. The guest can access the enabled gates by typing the code on the keypad or by logging in from a smartphone, without the need to install any App.

CONTROL AND MONITORING
The same code is used to log in via smartphone, without the need to install any APP, or locally using the keypads installed on the gates.
The owner/management can constantly monitor the event log, verify guest access and the access gate used.

BENEFITS FOR THE OPERATOR

- With MTMA/CONNECT you can answer the audio entry system directly from your smartphone, without the need for any App.
- Remote control, easy and convenient from any place and any device
- Ensure guests have 24-hour access to the facility every day
- Secure access to the facilities
- Remote backup
- Check-in and Check-out management
- Customized invitation email with logo.
- Customized confirmation email in various languages, selectable by the host
- Automated system for access via smartphone
- Personal use of the Automation APP for gate management
- Automatic generation of access codes for use on installed keypads
- A single access code to be assigned to the customer for all authorized access

BENEFITS FOR THE GUEST

- Clear confirmations in several languages
- No procedure required to register
- No APP installation but web browser
- Hassle-free reservations
- Single access code for all entrances to the facility
- Unlimited access at any time during the reserved stay
- Secure management of personal data
- With MTMA/CONNECT you can contact the operator from the audio entry system at any time.



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101	001A4370
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89	001A5000A
89	001A5024N
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213	001AF43SR
213	001AF43TW
213	001AF86SR
85	001AX302304
85	001AX3024
85	001AX312304
85	001AX402306

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85	001AX412306
85	001AX5024
85	001AX71230
69	001BY-3500T
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194	001C003
194	001C004
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194	001C008
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194	001C011
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193	001C-BXK
193	001C-BXT
191	001CMS
235	001CSS

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251	001DFWN1700N
251	001DFWN2000
251	001DFWN2000N
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251	001DFWN2500N
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227	001DIR20
227	001DIR30
221	001DIR-CG
221	001DIR-CGP

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135	001EM4024CB
191	001F40230E
191	001F4024E
191	001F4024EP
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95	001FA7024CB
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103	001FROG-A
103	001FROG-A24
103	001FROG-A24E
103	001FROG-AE
103	001FROG-AV
109	001FROG-CD
109	001FROG-CS
109	001FROG-MD
109	001FROG-MS
107	001FROG-PC
107	001FROG-PM4
107	001FROG-PM6
154	001G02802

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197	001H40230180
197	001H41230120
197	001H41230180
233	001KLED
233	001KLED24
96	001LBF70
80	001LOCK81
80	001LOCK82
154	001PSRT01
214	001RE432M
214	001RE862M
52	001RSDN001

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175	002LB38
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109	002ZM3ES
59	002ZT6N
59	002ZT6NC
52	009CGZP
251	009RV118A
251	009RV118I
251	009RV118M
251	009RV118N
150	009SMA
150	009SMA2
239	009SMA220
95	801MB-0090

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52	001RSDN003
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93	001STYLO-ME
93	001STYLO-RME
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251	001TMF6WN
251	001TMFW
251	001TMFWN
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214	001TOP-A862N
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131	001V005
133	001V06002
131	001V0684
131	001V0687
131	001V201

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237	8K06SL-006

PAG	CODE
237	8K06SL-007
237	8K06SL-008
238	8K06SL-009
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CORPORATE HEADQUARTERS

CAME S.p.A.
Via Martiri della Libertà, 15
31030 Dosson di Casier
Treviso - ITALY

MANUFACTURING COMPANIES

CAME PARKARE GROUP S.L.U.
Barcelona, SPAIN

NEPOS SISTEMAS DE CONTROLE E AUTOMAÇÃO EM ESTACIONAMENTO E TRÁFEGO LTDA
São Paulo, BRAZIL

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COMÉRCIO E SERVIÇOS DE
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