

GENERAL CATALOGUE 2019

SLIDING & SWING GATE OPERATORS
AUTOMATIC BARRIERS
GARAGE DOOR OPERATORS
ACCESS CONTROL



CAME 

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

AUTOMATION AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING GATE OPERATORS



OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC BARRIERS



ACCESSORIES



COMPLETE KITS



GENERAL INDEX AND SYMBOLS EXPLAINED



NEW IN 2019



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 icon also means that a product is powered by low voltage.



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



This CORDLESS product is battery-powered and wireless



Control board compatible with CAME KEY item 806SA-0110



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



This product can be remotely controlled via CAME Connect cloud technology

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

CAME has nourished people's needs for over 60 years by using technology as a key to a quality life. All of our projects and ideas drive our innovation and focus to make people's lives as comfortable as possible. And this is where our company's skills and experience come in to play. We know how to blend the functionality and design that drives our excellent performance.

It's about knowing that you can count on professionals with the ability to shape our innovations into solutions. It's about customizing proposals for automation and integrating them with cutting edge connectivity and mobility technology. CAME and partners, together, striving to satisfy our ever-increasingly-demanding and culturally diverse customer-base, with its varying needs for transforming their living space into much more intelligent, much safer homesteads.



CAME

Market leading group for Home & Building Automation providing a broad range of integrated, hi-tech solutions for private homes, public venues and urban spaces.

CAME **BPT**

An internationally renowned brand when it comes to realizing projects involving technology for video intercom, temperature control and security systems.

CAME **PARKARE**

A brand specialized in the automatic parking and parking meter sector, providing solutions that meet market needs and sustainable mobility.

CAME **URBACO**

An internationally leading brand of integrated access control systems, perimeter security, urban planning and automated traffic-flow control.

CAME **GO**

A brand specialized in designing and manufacturing garage and sectional doors, for residential and industrial settings, featuring manual and automated operation systems.

CAME.COM

RESIDENTIAL SOLUTIONS



BUSINESS SOLUTIONS



URBAN SOLUTIONS



RESIDENTIAL SOLUTIONS

We pushed beyond the mere idea of Home Automation a 360-degree domotic vision where every device is always integrated into and connected with peoples lives. Today, we believe automation is at the heart of everything: from handling the entrances and blinds, to controlling awnings and shutters, including video intercom-entry systems, CCTV and burglar alarms.

BUSINESS SOLUTIONS

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

URBAN SOLUTIONS

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

OUR WORLDWIDE NETWORK.

CAME Group operates the world over.

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

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

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

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.

BRANCHES IN THE AMERICAS

Brazil
Chile
Mexico
Perù
The USA

1400

OUR COLLABORATORS AROUND THE WORLD



CAME HQ

Treviso, ITALY

BRANCHES IN EUROPE

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

5

R&D CENTERS

20

COUNTRIES WITH DIRECT
BRANCHES

118

COUNTRIES WITH PARTNERS
AND DISTRIBUTORS

6

PRODUCTION PLANTS

Dosson di Casier - ITALY
Sesto al Reghena - ITALY
Spilimbergo - ITALY
Hemel Hempstead - UK
Entraigues - France
Barcelona - Spain

BRANCHES IN ASIA

India
The UAE

BRANCHES IN AFRICA

South Africa

CERTIFIED TRAINING FOR PROFESSIONAL INSTALLERS

The growing demand for quality and safety in the automation industry has meant installation companies need to provide professionally trained, skilled, installers. As laws change and regulations are updated, training has become vital to stay at the forefront of the industry.

CAME BPT's dedicated courses provide professional level training, and product

knowledge, required to keep installers adept with new technologies and industry laws and regulations.

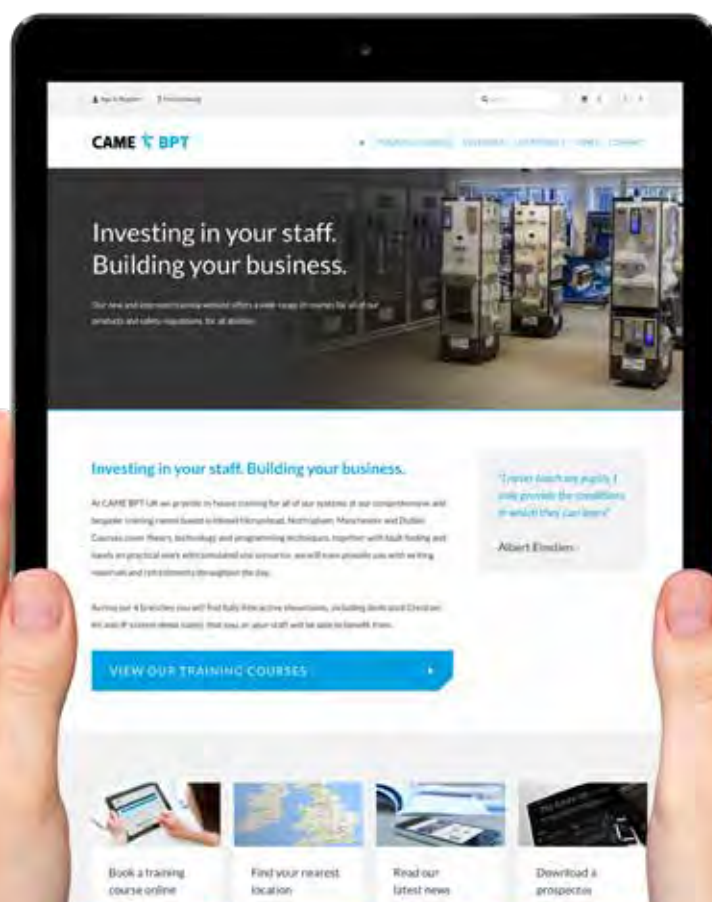
Our courses are designed to allow trainees 'hands-on' practical experience to apply the theoretical knowledge obtained in the classroom environment from our specialist training team.

CAME BPT PROFESSIONAL TRAINING

- 3 state of the art training facilities located across the UK & Ireland
- Fully functioning demonstration suites to provide hands on training
- Competitively priced, or FREE, training offered across our entire product range
- Dedicated website for booking all training courses, as well as account facilities to manage your certification



**SCAN HERE
TO VISIT THE
WEBSITE**



**VISIT WWW.CAMEBPTTRAINING.COM TO BOOK YOUR
NEXT PROFESSIONAL TRAINING COURSE NOW**

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**KNOWLEDGE IS
THE ONLY WAY
TO ACHIEVE
OUR GOALS.**



Paolo Menuzzo
CAME President



CAME CONNECT. JUST ONE SYSTEM CONNECTING PEOPLE AND THINGS.



The CAME Connect web platform lets you connect, control and manage your installed devices over a user-friendly, very secure and highly-reliable connection. CAME Connect means that installers have connectivity to all of their CAME devices.

Now installers can directly manage their customers and devices off-site. It's all done over smartphone and specific apps. Professional contractors can count on CAME Connect to simplify their work. They can now be proactive in meeting ever-changing customer needs and delivering smarter, more efficient service.



CAME SETUP
For configuring CAME automation systems **(for installers)**



CAME VIDEOENTRY
For managing CAME video entry intercom systems **(for users)**



CAME AUTOMATION
For managing CAME operators **(for users)**



CAME THERMO
For managing CAME heating control systems **(for users)**



QBE SETUP
For configuring Smart Home Connector systems **(for installers)**



CAME DOMOTIC 3.0 SYSTEM
For managing CAME domotic and security systems **(for users)**



CAME QBE
For managing connected Smart Home Connector devices **(for users)**



CAME CONNECT, AN INNOVATIVE TOOL FOR PROFESSIONAL INSTALLERS

With CAME Connect, professional installers can:

- Manage customers via a single web portal and special apps.
- Log, geolocate and map out installed systems and technologies.
- Run real-time diagnoses and configure all connected devices.
- Find any issues and get real-time assistance requests from users.
- Act quickly and effectively, even off site.
- Switch, new users, on and off, in real time.
- Schedule maintenance jobs and provide ever more tailored, smarter assistance.
- Log onto the platform and freely use the service.



All CAME Connect products bear this distinct marking.



THE BEST ADVICE FOR HAPPY CUSTOMERS.

CAME Connect is the cutting-edge of technology seamlessly adapting to the different lifestyles of our end users. Now it's all in their hands, thanks to the dedicated app which provides control of all of a user's connected devices, and sends alerts and notifications from the system.

A NEW DIMENSION TO WIRELESS HOME CONNECTIVITY.

QBE is CAME's solution to connect people with their homes. Through CAME Connect, the QBE Smart Home Connector module talks to all automated devices fitted in a home, over a wireless connection. That means gates and garage doors too. It provides full control over an internet connection with a dedicated app, even when you are off site.

The QBE module lets users manage all their devices directly using a smartphone or tablet by exploiting WiFi technology, with no need for an internet connection.

There are two apps available; one for end users and one for installers.



QBE

SMART HOME CONNECTOR

Simple: place it anywhere in the home; it communicates with the automated devices over radio frequencies or WiFi, so no wiring is required.

Effective: pool all the commands to your automated devices and manage them using CAME Connect technology, even when you are off site.

Elegant: looks sleek and understated, and blends into any room decor.



WI-FI

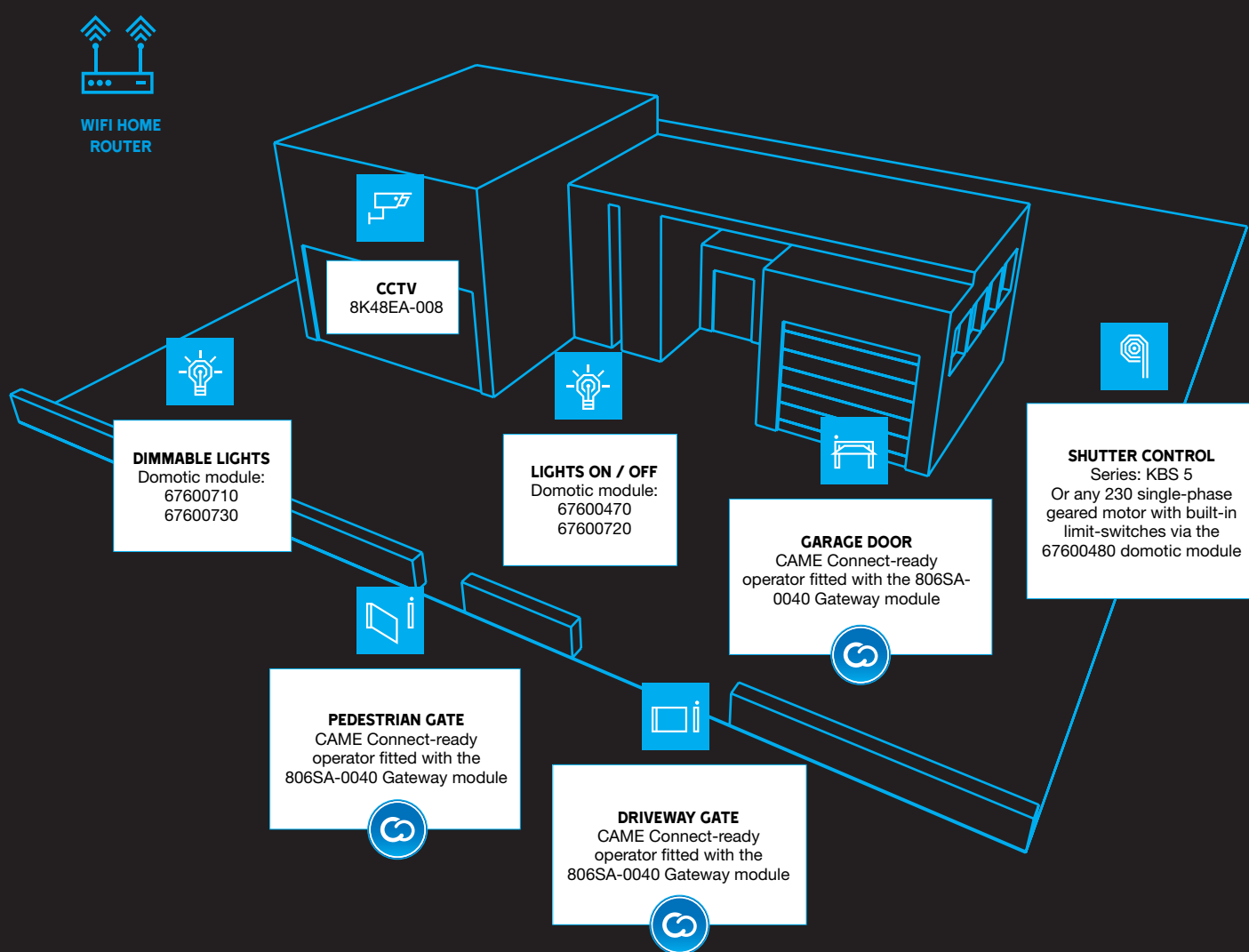


RADIO FREQUENCY

RADIO-FREQUENCY OR
WIFI CONNECTIONS;
DEPENDENT ON THE DEVICE

WITH QBE IT'S ALL UNDER CONTROL

- Versatile, to handle multiple applications.
- Scalable, thanks to its modularity, you can easily add applications at any time.
- Easy to install and require no masonry work, so ideal for retrofitting.
- Wireless connection to already fitted devices using radio-frequency and WiFi technology.
- Courtesy lighting and LED status lights.
- Compatible, thanks to the specific modules. Also works with third party devices.
- CAME QBE app specifically for user and QBE SetUp app for professional installers.
- QBE lets you manage operators in your home even in WiFi mode, without needing an internet connection.



QBE SETUP



CAME QBE

ALWAYS CONNECTED TO YOUR CUSTOMERS.

Digital innovation is altering the world, our lives and the work of CAME professional installers. CAME Connect solutions use one app to control operators, even when you are off site, for gates, garage doors, barriers and automatic turnstiles.



CAME SETUP
For configuring CAME automation systems **(for installers)**

With **CAME SETUP** and access to **CAME Connect**, contractors can now do a whole range of tasks that add value to their work:

- Configure systems.
- Check status of systems when off-site.
- Manage customers and schedule maintenance jobs.
- Set up transmitters even when off site.
- Match up to five mobile devices to each user profile.
- Get real-time help requests from customers.
- Set up an ADMINISTRATOR profile to manage multi-user scenarios in apartment buildings, offices, businesses and so on.
- The CAME SetUp App also works when systems are not connected to the internet, by exploiting the CAME KEY device
- There are no hidden costs, and, signing up to the platform and using it is free.



CAME AUTOMATION
For managing CAME operators **(for users)**

CAME Automation brings end users the utmost simplicity in managing all connected systems. Innovation that translates into benefits.

From today you can:

- Manage any number of automated operators from any remote location.
- Control the opening and closing of your operators.
- Get vital data on the state of operators.

Users handling the ADMINISTRATOR profile may access the **CAME Connect** platform to:

- Assign new user profiles.
- Authorize the contractor to a job off site, securely.



CAME KEY: SIMPLER, FASTER, SMARTER.

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 CAME 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.



DISCOVER THE CAME KEY...



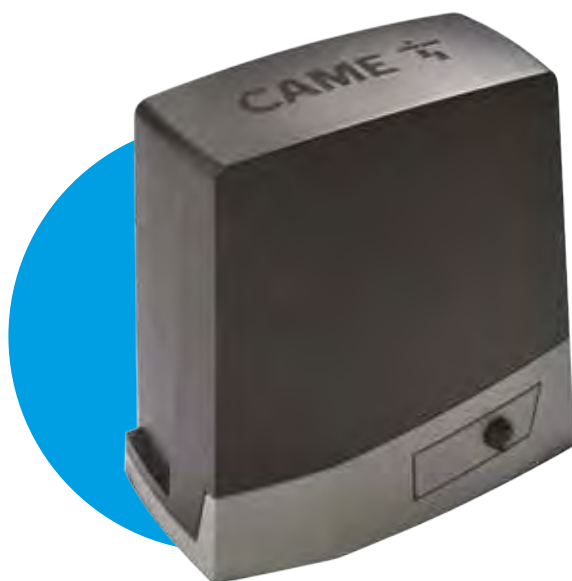
THE BENEFITS

- Compatible with 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.



All products compatible with CAME KEY bear this distinct marking.

NEW 36V SLIDING GATE OPERATOR



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BKV

THE CONNECTED OPERATOR FOR SLIDING GATES AT INDUSTRIAL SITES AND APARTMENT BUILDINGS

This is CAME's first operator featuring **Adaptive Torque Technology**, the most advanced solution in powering large sliding gates in any climate; even in intensive duty conditions.

BKV is the latest series of 36 V DC operators that uses CAME Connect technology to connect to the web.



OUR TECHNOLOGIES



THE BENEFITS

- The BKV range with its Adaptive Torque Technology brings smoother leaf-movement - in any climate condition, plus constant speed, during the openings and closing, according to the standards used as parameters when installing.
- It uses CAME Connect to manage operators by an app from any remote location.
- It can run the CAME KEY WiFi interface to manage and set up operators by smartphone or other mobile device.
- Built-in control board with graphical display and memory roll for easier programming and testing.
- It saves up to 250 users.
- New release system that is quick and easy to use.
- Four, configurable safety inputs for directly managing (8k2Ω) resistive sensitive safety-edges.
- Plug in connectors for the RIOCN8WS, R700, R800, RSE cards and AF receivers.
- Onboard Rolling Code and Key Code decoding.
- Available with module 4 or 6 pinion.



NEW BRUSHLESS AUTOMATIC BARRIER



GARD PT

BRUSHLESS

THE AUTOMATIC BARRIER FOR CONTINUOUS DUTY

GARD PT is the automatic road barrier designed to withstand continuous duty cycles.

It serves passage clearances of up to 3.8 m and therefore it is ideal for quick transiting and parking areas.

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OUR TECHNOLOGIES



THE BENEFITS

- The brushless motor makes it extremely quiet with high duty performance.
- Control board with display; uses the CAME Connect platform and the app to manage operators when users are off site.
- It also works with the WiFi CAME KEY interface to manage and set up operators by smartphone or other mobile device.
- It is designed to be elegantly rugged and fit into any context.
- The luminous crown of LEDs doubles as a high visibility red/green stop/go function
- Epoxy powder painted cabinet made of extruded aluminum.
- Boom with shock-proof edge and red/green LED lights (for the stop/go function).
- Key protected release system.
- It can fit either the fall away or jointed arm boom.

NEW BRUSHLESS AUTOMATIC BARRIER



GARD PX BRUSHLESS

THE AUTOMATIC BARRIER FOR CONTINUOUS DUTY

GARD PX is the automatic road barrier made to withstand continuous duty cycles. With a lateral clearance of 3.8 m, it is ideal for high-traffic parking facilities and shopping malls. GARD PX is designed and tested to withstand 5 million (*MCBF) operating cycles.

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5 MILLION CYCLES *MCBF

OUR TECHNOLOGIES



THE BENEFITS

- The brushless motor makes it extremely quiet with high duty performance.
- Control board with graphical display, set up to manage operators from any remote location via app and the CAME Connect platform.
- It also works with the WiFi CAME KEY interface to manage and set up operators by smartphone or other mobile device.
- It is designed to be elegantly rugged and fit into any context.
- The luminous crown of LEDs doubles as a high visibility red/green stop/go function
- Switching type 120 - 230 V AC power driver makes for increased energy savings during stand-by mode.
- Epoxy-powder painted and galvanized steel cabinet.
- Boom with shock-proof edge and red/green LED lights (for the stop/go function).
- It fits the heater kit (for temperatures below -40° C).
- Key-protected, built-in release system.
- It can fit either the fall away or jointed arm boom.

*MCBF: Mean cycle between failures

NEW ACCESSORIES



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DXR

VERSATILE AND EFFECTIVE

The latest generation of DXR synchronous, infrared, adjustable photocells are specially designed when there is little or no fitting space. With a range of 20 meters, the DXR photocells can swivel up to 180° on their vertical axis.



OUR TECHNOLOGIES



THE BENEFITS

- Infrared beam that swivels up to 180° on its vertical axis.
- It can synchronize up to eight pairs of photocells, with no wiring between the transmitter and receiver.
- Infrared beam range adjustment.
- Filter function to prevent false detections due to rain, snow and sunlight.
- Selectable NO - NC contact output to turn the photocell into a control device.
- Compatible with all types of DIR series posts.
- Also available with aluminum alloy casing.
- Small with modern design.

European Standards

EN 12453 - EN 12445



Standards EN 12453 and EN 12445 specify the compliance and safety requirements for automatic closing systems that could come into contact with people. They define the technical requirements for installing users systems .

THE SYSTEM CAN BE

- **ON PRIVATE AREA (and bounded)**
- **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 use the operator. Normally, the trained user operates an automation that is located in a private area.

- **UNTRAINED**



THE CONTROL CAN BE

- **NON SELF-LOCKING** (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.

- **SENDING IMPULSES WITH SYSTEM CONTROL FROM A FIXED POSITION.**

It is important that the command is momentary and is sent from a fixed location from which it is possible to control the automation. No button activation is required, ie the button or selector switch is not auto-reset.

- **RADIO CONTROL** (sending impulses without control of the system from a fixed station).

Radio Control sending a signal from a radio transmitter to open close stop the system.

- **AUTOMATIC** (impulses).

A signal sent via a sensor without physical contact to open, close the system (open, close).



Safety

THE FRAMEWORKS PRESCRIBED BY EUROPEAN STANDARDS EN 12453 - EN 12445

THE PLANT AND THE USER	THE CONTROL			
	With no self-locking	Sending impulses with system control from a fixed station	Sending impulses with no control of the system from a fixed station (radio control)	Automatic (impulse based)
PRIVATE area TRAINED user	A	C	C	C + D
PRIVATE area UNTRAINED user	C	C	C + D	C + D
PUBLIC area TRAINED user	B	C	C + D	C + D
PUBLIC area UNTRAINED user	-	C + D	C + D	C + D

THE SAFETY DEVICES REQUIRED BY EUROPEAN STANDARDS EN 12453 - EN 12445

- A** **Operator present**
(with automatically resetting control device).
- B** **Operator present**
(with manual resetting of the control device).
- C** **Mechanical devices (sensitive safety edges) and electronic devices (encoders).**
Check compliance with maximum impact force regulatory standards. These standards are defined in the reference Technical Standards.
- D** **Infrared photoelectric cells** to allow detection of an obstacle in the automation movement area.



A standard system

COMPLIANCE WITH EUROPEAN STANDARDS EN 12453 - EN 12445



SYSTEM IN PUBLIC AREA

The system is in a public area or bordering with a public area.

Example:

A private gate that opens onto a street or pavement.



TRAINED USER

The system is activated only by users that have been instructed on how the system works.

Example:

System owner or manager.



SYSTEM WITH RADIO CONTROL

The system is radio controlled via transmitters.

Example:

Sending impulses without controlling the system even from a fixed station.



EN TESTED:
value added by CAME

By using EN TESTED gearmotors and control panels you won't have to install any sensitive safety-edges. You will still have to measure the impact forces being generated, that must comply with the parameters established by the reference standards.

SYSTEM SAFETY



SENSITIVE SAFETY-EDGES

Thanks to the special internal mechanism, the CAME sensitive edges are completely deformable along their entire length and do not have rigid parts. This feature is a guarantee of safety for users when they accidentally come into contact with the gate.



INFRARED BEAM PHOTOCELLS

A vast range of devices, for surface or - mounting, with synchronized infrared beam and even wireless technology, all give users the peace of mind that comes with always using their operators, while preventing any interferences of the gate-leaf's movement.



FLASHING LIGHT

CAME also suggests installing a flashing signal light when mechanical parts are moving.

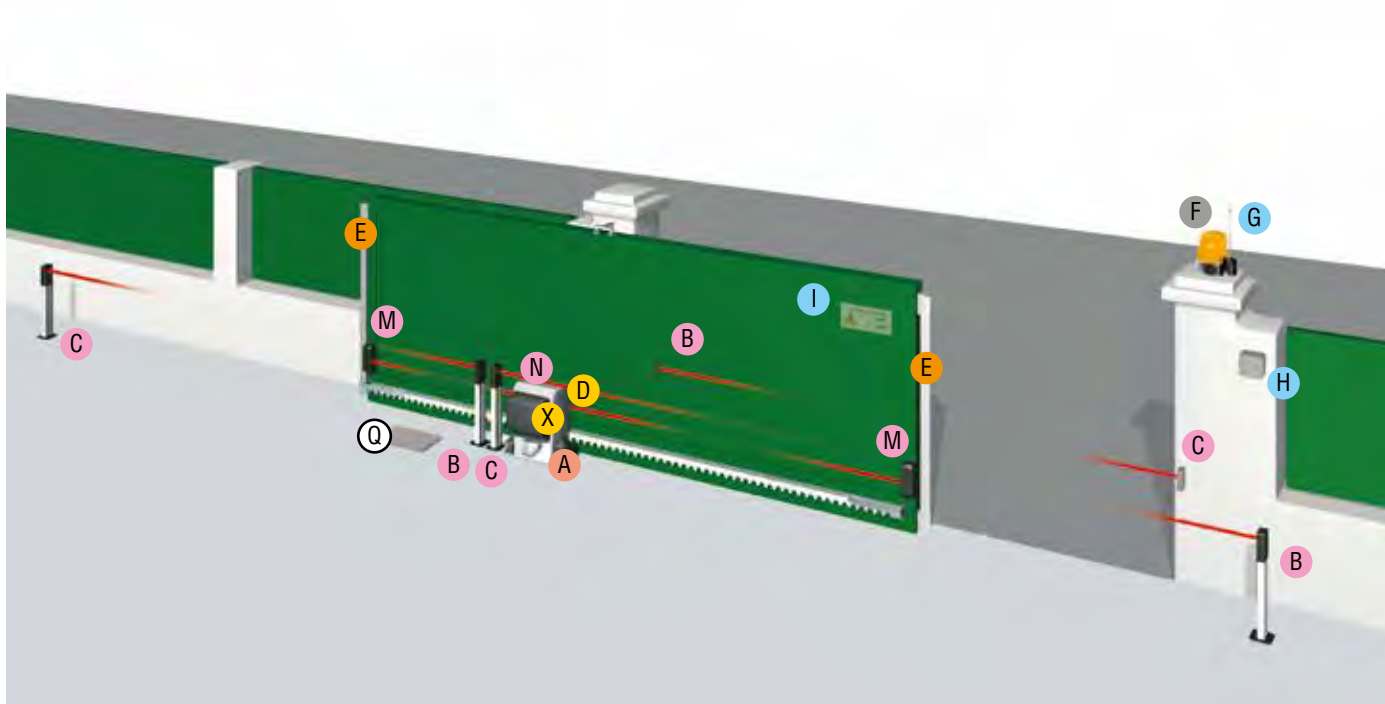
The new DADOO series offers two models in amber or blue light variants, with universal power supplied of 120 - 230 V AC or 24 V AC - DC

The KIARO series is also changed with LED versions to improve efficiency and energy savings.



MADE IN ITALY, produced by CAME!

The 100% Made in Italy origin mark certifies that all CAME products are the result of a quality production process, designed to provide reliable and technologically efficient products. The products have been tested with service tests corresponding to 10/15 years of intense activity, with environment tests at extreme temperatures and with specific tests of operation in conditions of electromagnetic interference.



COMPONENTS

- | | |
|--|---|
| A Operator (garmotor with control board) | H Command switch
(Key – Code – Card or transponder fob) |
| B Photocells TX | I Plaque |
| C Photocells RX | M Cordless TX photocells |
| D Control card for operating during power outages | N Photocells TX |
| E Sensitive safety-edges | Q Junction box |
| F Flashing light | X Radio frequency card |
| G Antenna | |

NOTES:

The control panel and radio-frequency control card are built into the operator
(excluding: 001BK-2200T and BY-3500T)

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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.



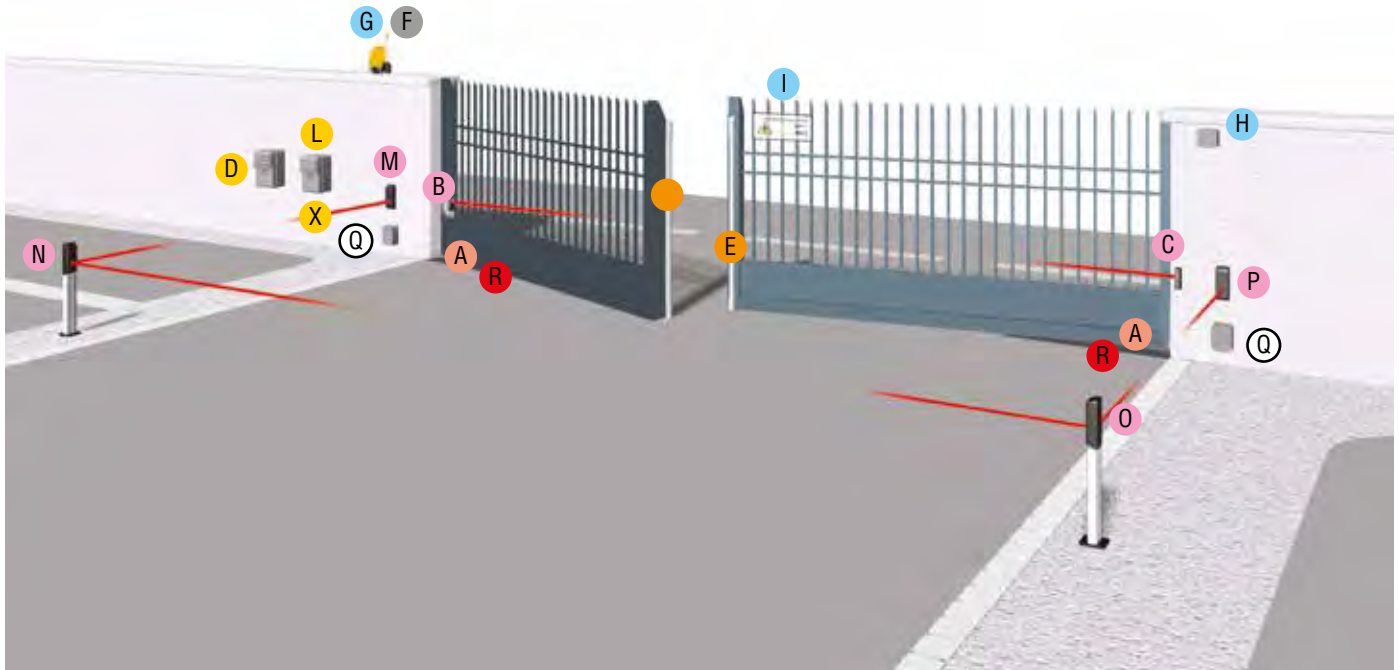
COMPONENTS

- | | |
|---|--|
| A Operator (garmotor with control board) | I Plaque |
| Z Gearmotor | M Cordless TX photocells |
| B Photocells TX | N CordlessTX/RX photocells or TX photocells |
| C Photocells RX | O CordlessTX/RX photocells or RX photocells |
| F Flashing light | P Photocells RX |
| G Antenna | R Drive arm |
| H Command switch | X Radio frequency card |
| (Key – Code – Card or transponder fob) | |

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Limit switch micro-switches	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Flashing light 24 V AC - DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 230 V AC	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Photocells TX	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Photocells RX	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Electric Lock 12 V DC	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Electric Lock 24 V DC	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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.



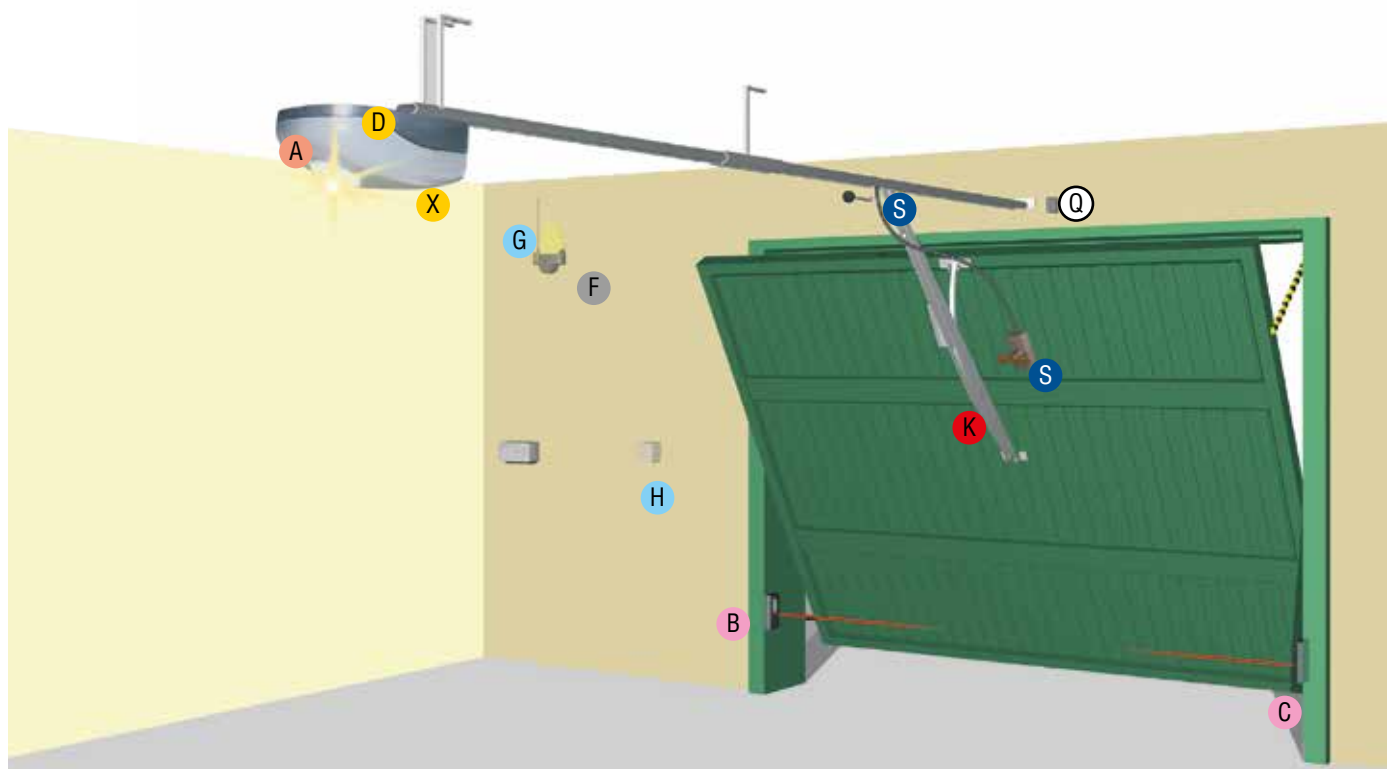
COMPONENTS

- | | |
|--|---|
| A Gearmotors | I Plaque |
| B Photocells TX | L Control panel |
| C Photocells RX | M Cordless TX photocells |
| D Control card for operating during power outages | N Cordless TX/RX photocells or TX photocells |
| E Sensitive safety-edges | O CordlessTX/RX photocells or RX photocells |
| F Flashing light | P Photocells RX |
| G Antenna | Q Junction box (only for the Frog series) |
| H Command switch | R Drive arm |
| (Key – Code – Card or transponder fob) | 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Electric Lock 12 V DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1.5 mm ²
Electric Lock 24 V DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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

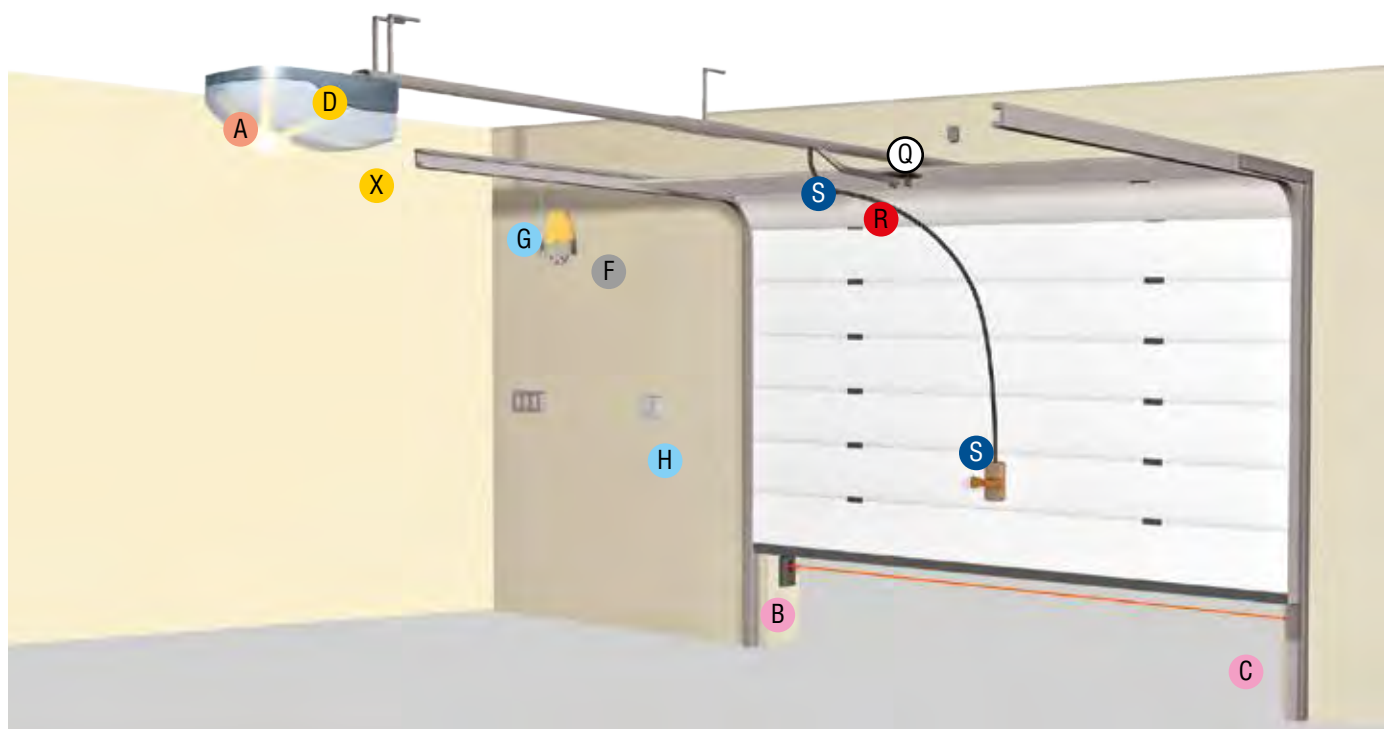
- A** Operator (garmotor with control board)
- B** Photocells TX
- C** Photocells RX
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Command switch
(Key – Code – Card or transponder fob)
- K** Adapter arm
- Q** Junction box
- S** Pull-cord release device
- 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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 GARAGE DOOR



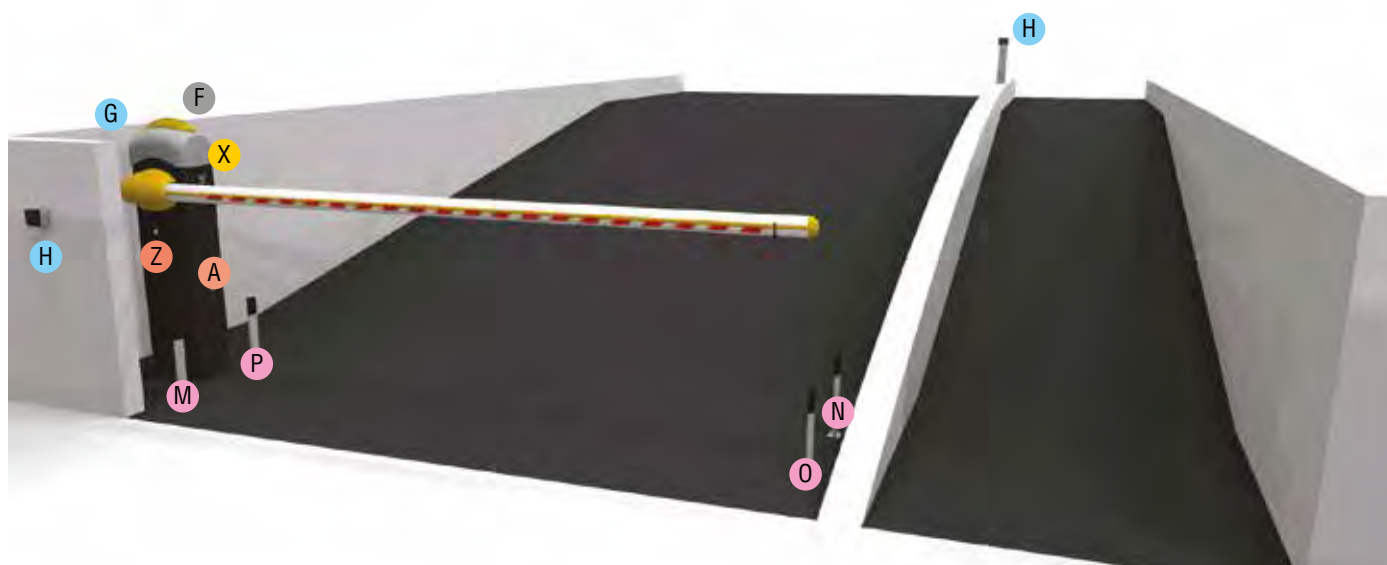
COMPONENTS

- A** Operator (garmotor with control board)
- B** Photocells TX
- C** Photocells RX
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Command 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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.



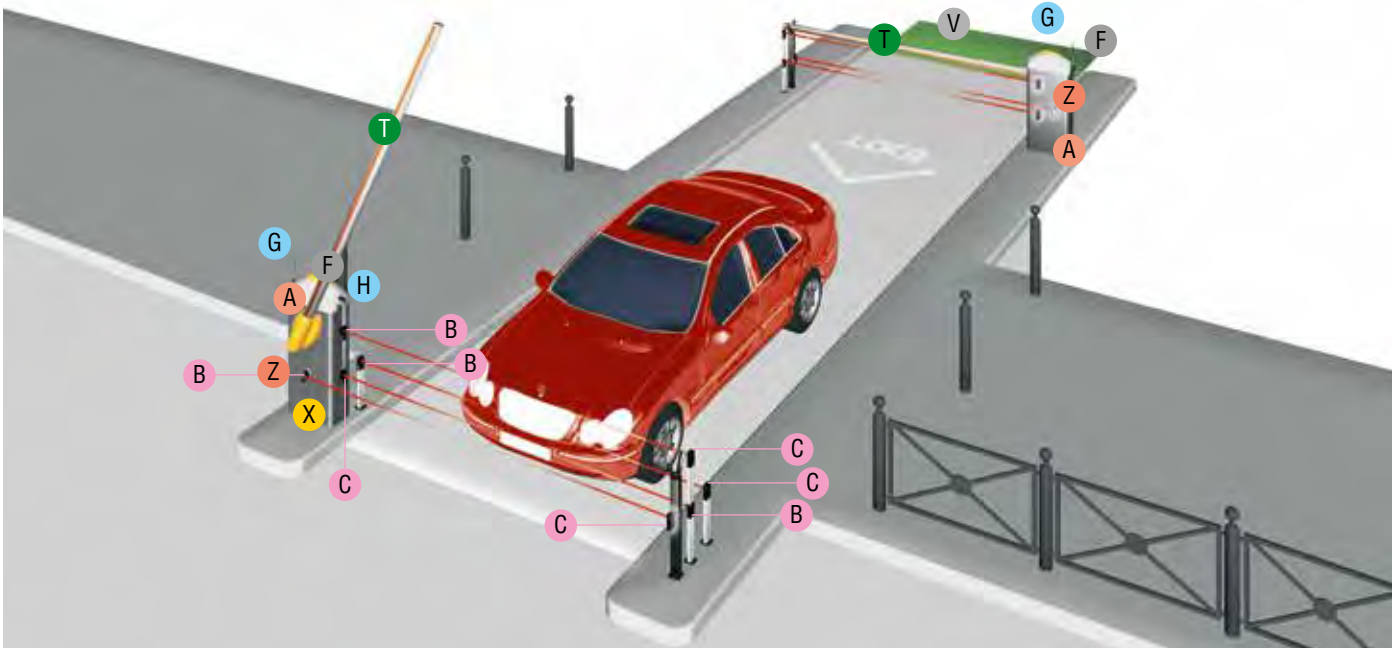
COMPONENTS

- | | |
|--|-------------------------------|
| A Barrier | M Photocells TX |
| F Flashing light | N Photocells TX |
| G Antenna | O Photocells RX |
| H Command switch | P Photocells RX |
| (Key – Code – Card or transponder fob) | 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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
- B

 Photocells TX
- C

 Photocells RX
- F

 Flashing light
- G

 Antenna
- H

 Command switch
(Key – Code – Card or transponder fob)
- T

 Boom with luminous cord
- X

 Radio frequency card
- V

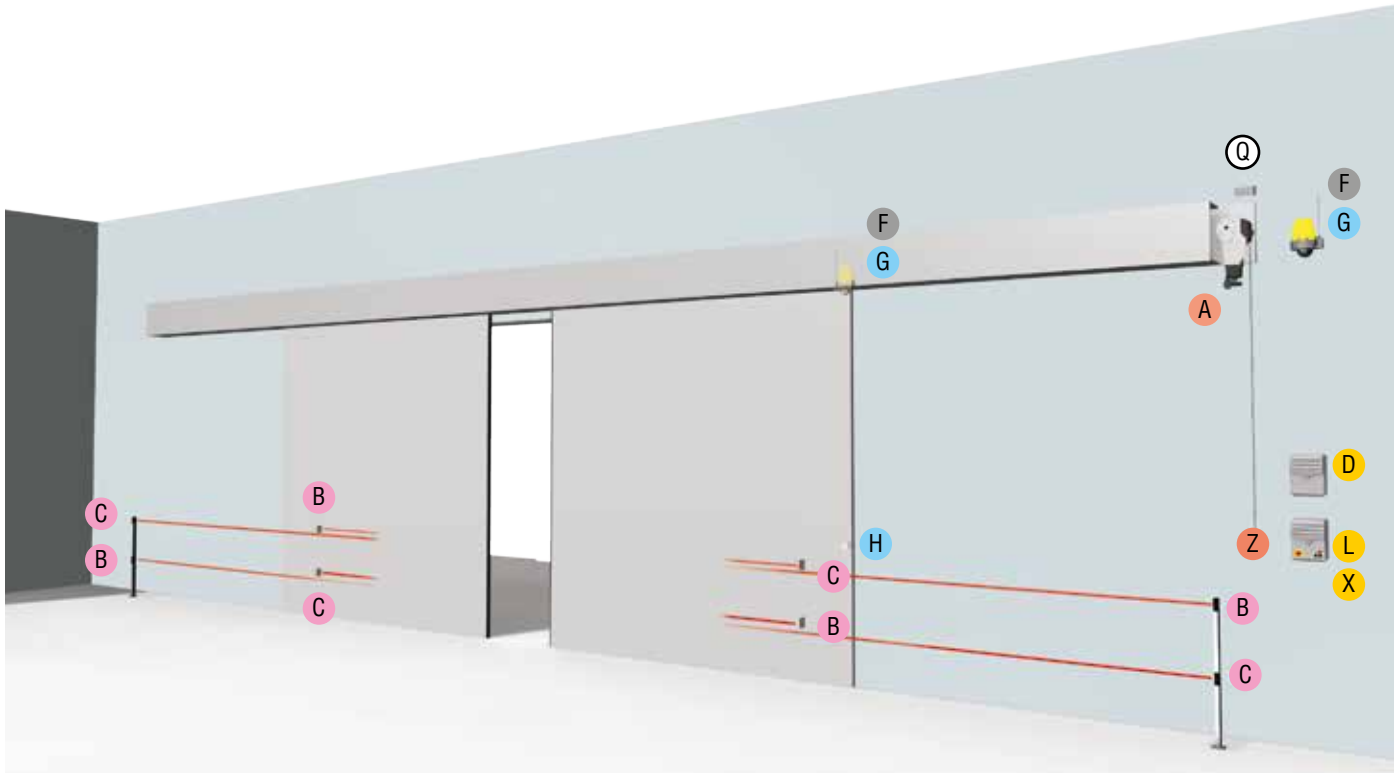
 Inductive loop detector
- Z

 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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

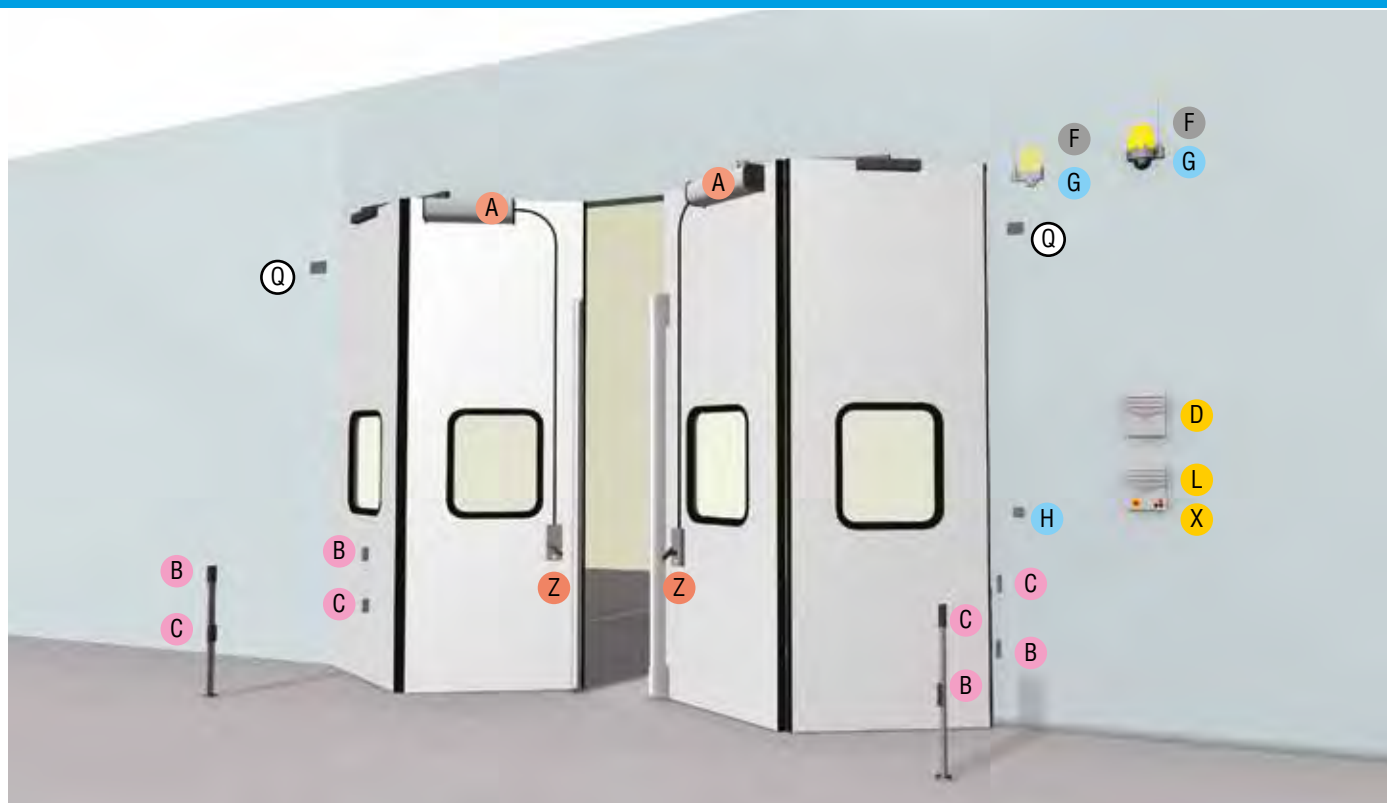
- A** Gearmotor
- B** Photocells TX
- C** Photocells RX
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Command switch
(Key – Code – Card or transponder fob)
- L** Control panel
- Q** Junction box
- X** Radio frequency card
- Z** Release device

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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



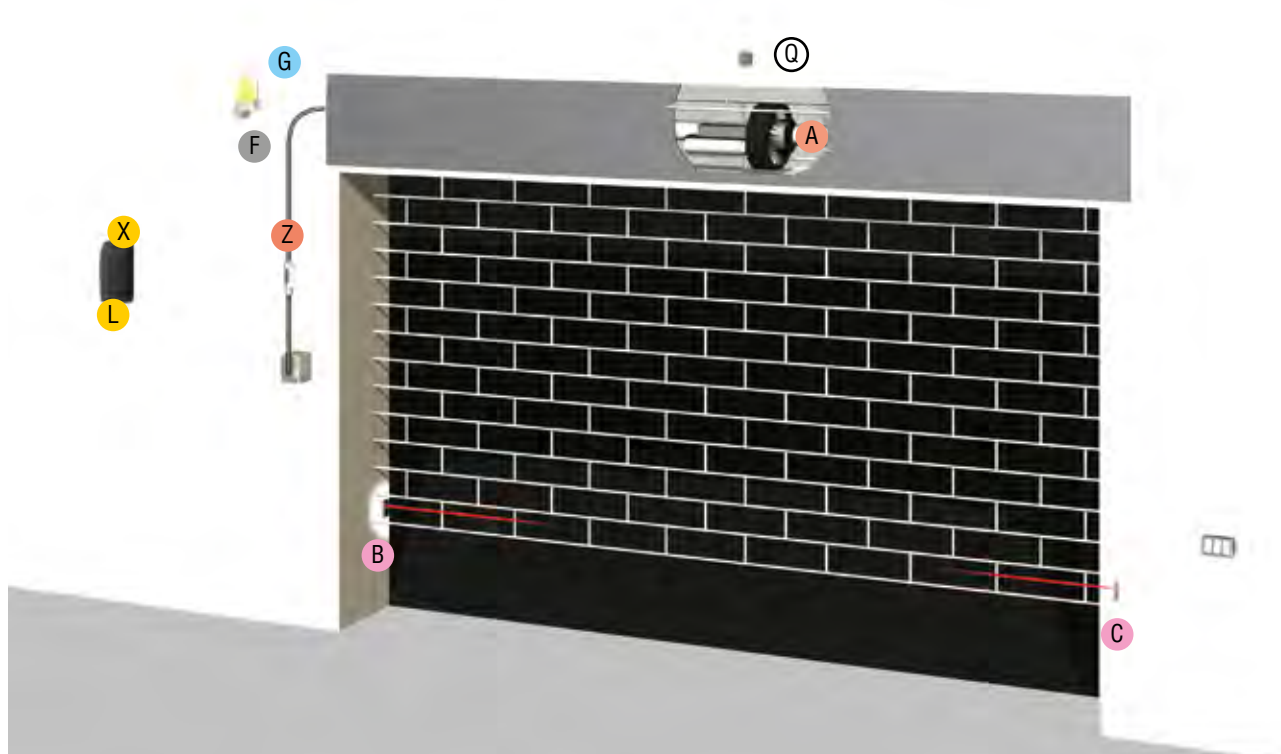
COMPONENTS

- A** Gearmotors
- B** Photocells TX
- C** Photocells RX
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Command 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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

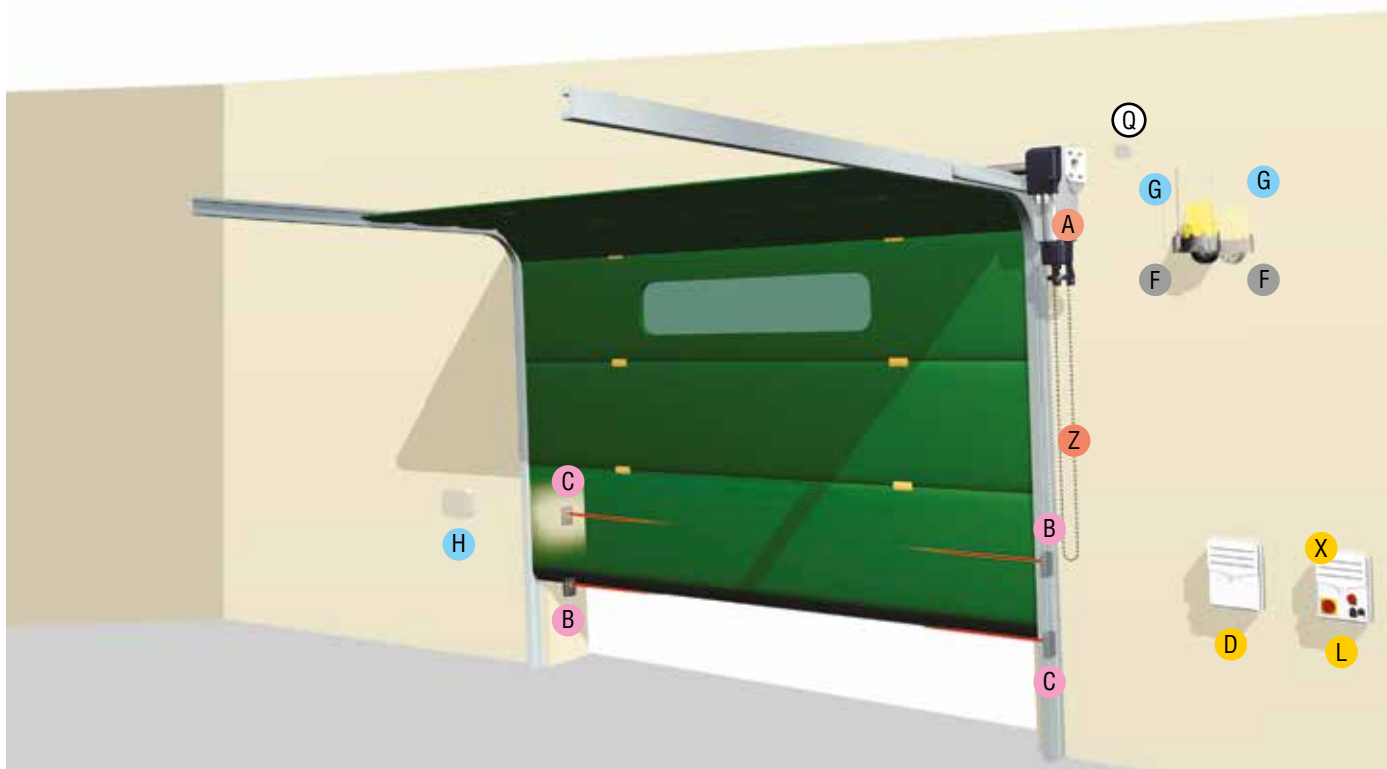
- | | |
|-------------------------|-------------------------------|
| A Gearmotor | L Control panel |
| B Photocells TX | Q Junction box |
| C Photocells RX | X Radio frequency card |
| F Flashing light | Z Release device |
| G Antenna | |

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Electric Lock 12 V DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1.5 mm ²
Electric Lock 24 V DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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 DOORS WITH DIRECT DRIVE



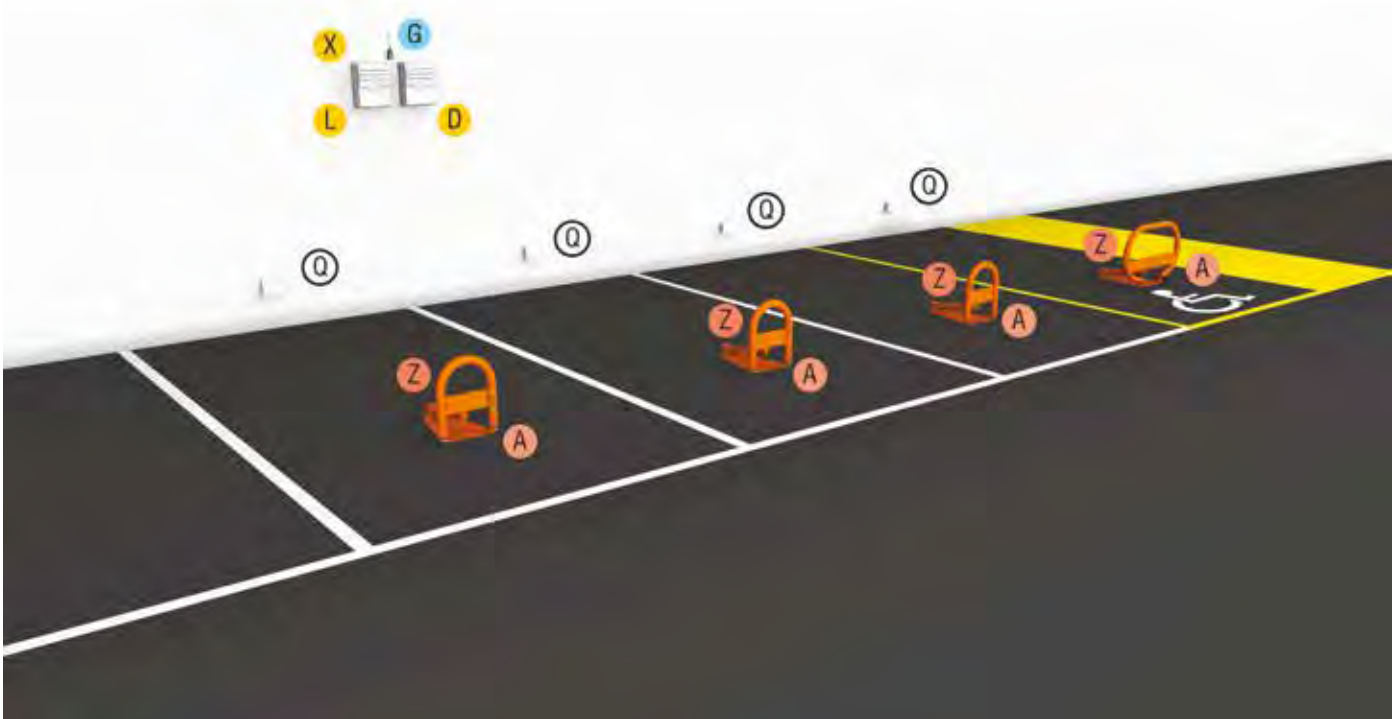
COMPONENTS

- A** Gearmotor
- B** Photocells TX
- C** Photocells RX
- D** Control card for operating during power outages
- F** Flashing light
- G** Antenna
- H** Command 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 - 400 V AC three phase	4G x 1.5 mm ²	4G x 1.5 mm ²	4G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Limit switch micro-switches	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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
- D

 Control card for operating during power outages
- G

 Antenna
- L

 Control panel
- Q

 Junction box
- X

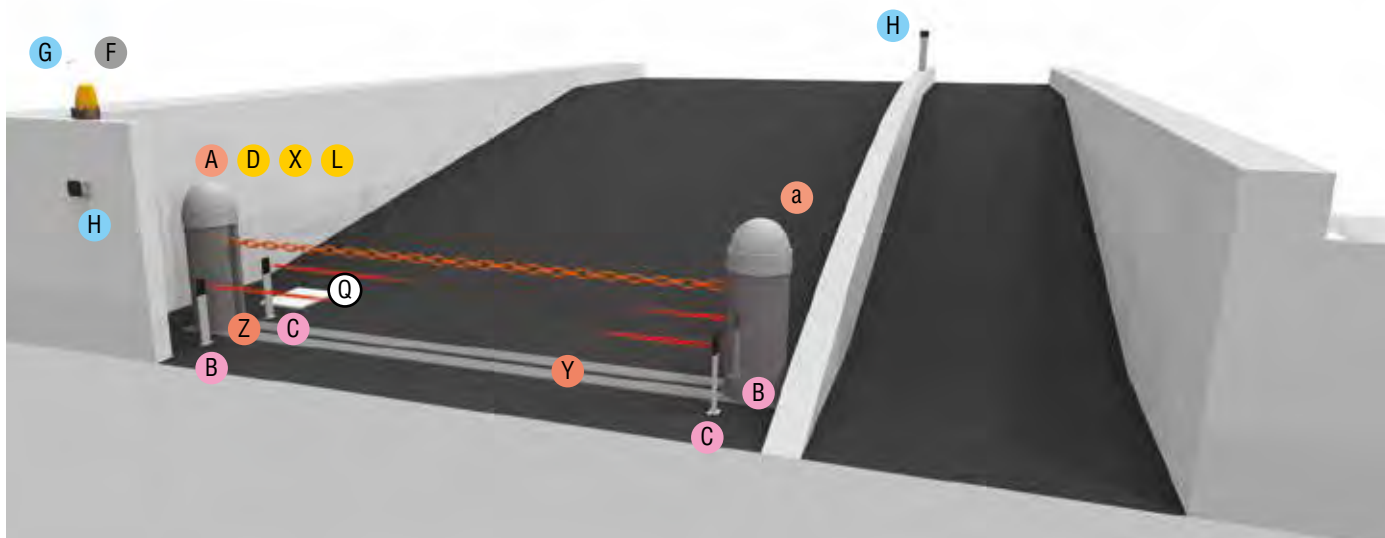
 Radio frequency card
- Z

 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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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.



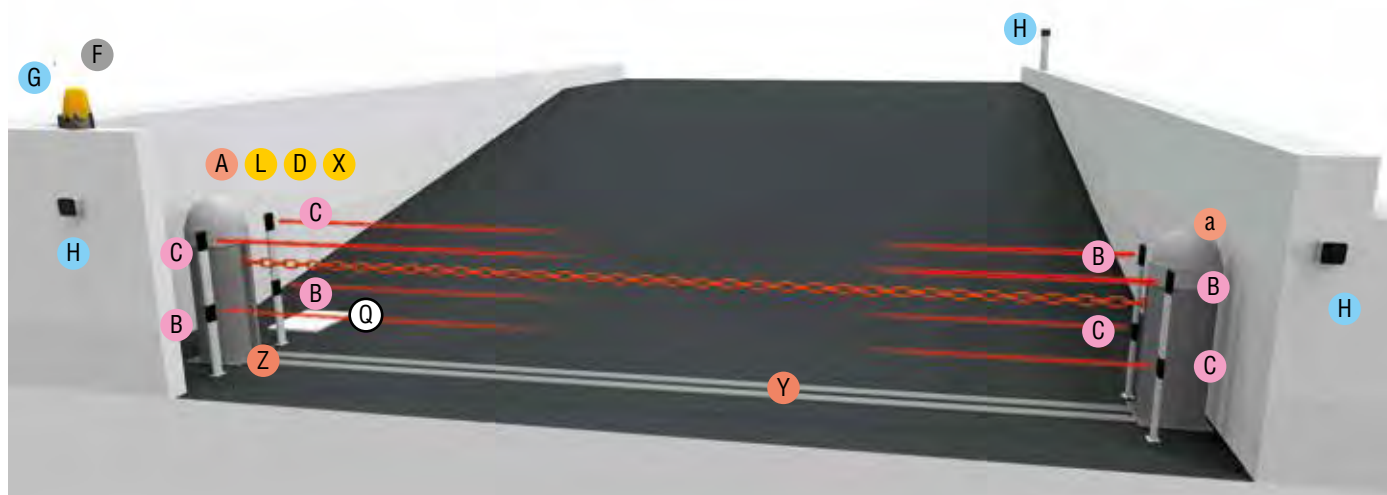
COMPONENTS

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

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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

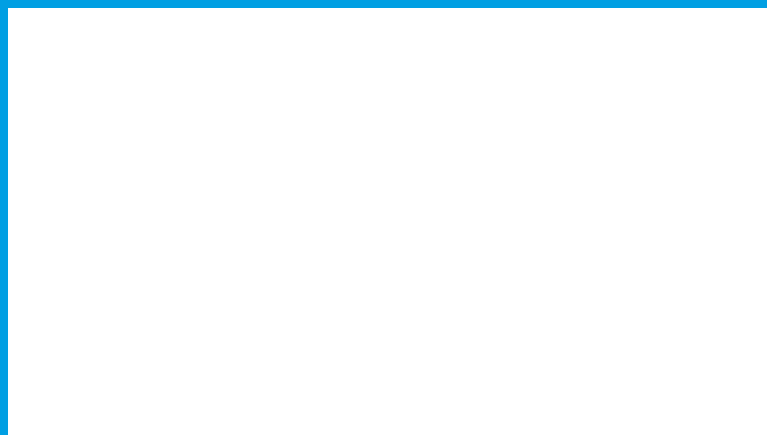
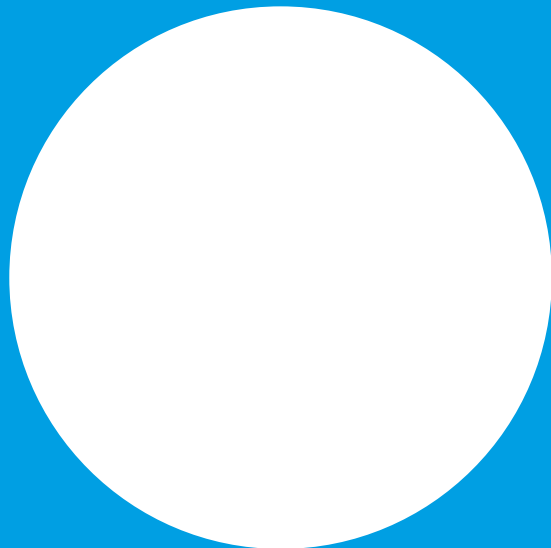
- | | |
|--|---|
| A Post with gearmotor | H Command switch
(Key – Code – Card or transponder fob) |
| a Post with counter-weight and chain latch | L Control panel |
| B Photocells TX | Q Junction box |
| C Photocells RX | X Radio frequency card |
| D Control card for operating during power outages |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

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 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 230 V AC	3G x 1.5 mm ²	3G x 1.5 mm ²	3G x 2.5 mm ²
Power supply to motor 24 V DC	2G x 1.5 mm ²	2G x 1.5 mm ²	2G x 2.5 mm ²
Flashing light 24 V AC - DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
Flashing light 230 V AC	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Photocells TX	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Photocells RX	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Control devices	*no. x 0.5 mm ²	*no. x 0.5 mm ²	*no. x 0.5 mm ²
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.

SWING GATES



CAME.COM

40 Guide to choosing

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Guide to choosing

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	Model	Max. width of leaf (m)	C Max (mm)
FROG	FROG-AV	1,3	-
STYLO	STYLO-RME	1,8	180 (200 with art. 001STYLO-BD)
STYLO	STYLO-ME	1,8	180 (200 with art. 001STYLO-BD)
AMICO	A1824	1,8	60
AXL	801MP-0020	2	60
FTL	801MB-0080	2	150 (250 con art. 801XC-0070)
FTX	801MB-0050	2	150
FTX	801MB-0070	2	150
FTX	801MB-0110	2	250
FTX	801MB-0120	2	250
AMICO	A18230	2,2	60
FAST 70	FA70230CB	2,3	200
FAST 70	FA70230	2,3	200
FAST 70	FA7024CB	2,3	200
FAST 70	FA7024	2,3	200
FAST 70	801MB-0090	2,3	300
FAST 70	801MB-0100	2,3	300
AXI	801MP-0040	2,5	60
AXO	AX302304	3	70
AXO	AX312304	3	70
AXO	AX3024	3	70
FROG	FROG-A	3,5	-
FROG	FROG-AE	3,5	-
FROG	FROG-A24	3,5	-
AXO	AX402306	4	70
AXO	AX412306	4	70
FERNI	FE40230	4	380
FERNI	FE40230V	4	380
FERNI	FE4024	4	380
FERNI	FE4024V	4	380
AXO	AX5024	5	150
FROG PLUS	FROG-PM4	5,5	-
AXO	AX71230	7	150
FROG PLUS	FROG-PM6	7	-

● 230 V AC ● 24 V DC HEAVY DUTY



SWING GATES BELOW-GROUND OPERATOR

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

CAME 



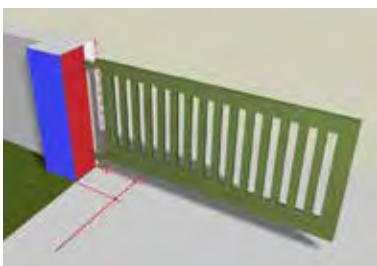
SWING GATES SURFACE OPERATOR

Simple installation with minimal set up time.
It is by far the most popular among swing gates.



SWING GATES GEARED MOTORS WITH JOINTED ARM

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



Maximum C-distance ON SWING GATES

It is the distance between the corner of the inner side pillar and the rotation axis of the gate.
The range of this dimension allows a choice of the most suitable automation for the gate to be automated.

The flashing light: For extra safety!






CAME suggests the installation of a flashing light to signal the presence of moving mechanical parts

Now the new DADOO models are available, with LED lighting. Newly shaped, DADOO is light, practical and quick to install.

We have also revamped our KIARO range. It now features LED lighting models that bring you energy savings and longer life.





Code	Description	Quantity
801MP-0020   	AXL20DGS - Irreversible gear motor with encoder for swing gates up to 2 m per leaf. RAL7030 grey colour.	2
002 ZL60 	Control panel for one or two leaf swing gates with dip switch settings, built-in radio remote programming and self-diagnosis of the safety devices.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 732.00



AXI25DG-P

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXI

Complete kit for a pair of swing gates weighing up to **300 kg** per leaf / max width **2.5 m**



CAME

Code	Description	Quantity
801MP-0040 	AXI25DGS - Irreversible gear motor with encoder for swing gates up to 2.5 m per leaf. RAL7024 grey colour.	2
002ZL65 	Control panel for one or two leaf swing gates with programming display, built-in radio remote programming and self-diagnosis of the safety devices	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 954.00

AXI25DG-S

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXI

Complete kit for a single swing gate weighing up to **300 kg** / max width **2.5 m**



Code	Description	Quantity
801MP-0040 	AXI25DGS - Irreversible gear motor with encoder for swing gates up to 2.5 m per leaf. RAL7024 grey colour.	1
002ZL65 	Control panel for one or two leaf swing gates with programming display, built-in radio remote programming and self-diagnosis of the safety devices	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 629.00

AXI technical specification & operational limits can be found on page 68.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.

AMICO-P230

AMICO

Complete kit for a pair of swing gates weighing up to **200 kg** per leaf / max width **2.2 m**



Code	Description	Quantity
001 A18230	Irreversible gearmotor for swing gates up to 2.2 m per leaf.	2
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 968.24



AMICO-S230

AMICO

Complete kit for a single swing gate weighing up to **200 kg** / max width **2.2 m**



Code	Description	Quantity
001 A18230	Irreversible gearmotor for swing gates up to 2.2 m per leaf.	1
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 647.92



AMICO-P24

AMICO

Complete kit for a pair of swing gates weighing up to **200 kg** per leaf / max width **1.8 m**



CAME

Code	Description	Quantity
001 A1824 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	2
002 ZL92Z	Control panel for two-leaved swing gates with functions display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1075.36



AMICO-S24

AMICO

Complete kit for a single swing gate weighing up to **200 kg** / max width **1.8 m**



Code	Description	Quantity
001 A1824 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	1
002 ZL92Z	Control panel for two-leaved swing gates with functions display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 742.56





STYLOA-P24

STYLO

Complete kit for a pair of swing gates weighing up to **100 kg** per leaf / max width **1.8 m**



Code	Description	Quantity
001 STYLO-ME 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	2
001 STYLO-BS	Articulated drive arm.	2
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1144.00





STYLOA-S24

STYLO

Complete kit for a single swing gate weighing up to **100 kg** / max width **1.8 m**



Code	Description	Quantity
001 STYLO-ME 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	1
001 STYLO-BS	Articulated drive arm.	1
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 776.88



STYLOS-P24

STYLO

Complete kit for a pair of swing gates weighing up to **100 kg** per leaf / max width **1.8 m**



CAME

Code	Description	Quantity
001 STYLO-ME 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	2
001 STYLO-BD	Slide arm and track with mechanical opening limit-switch.	2
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio programming.	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 AF43S	Plug-in radio-frequency control card	1
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1285.44



STYLOS-S24

STYLO

Complete kit for a single swing gate weighing up to **100 kg** / max width **1.8 m**



Code	Description	Quantity
001 STYLO-ME 	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	1
001 STYLO-BD	Slide arm and track with mechanical opening limit-switch.	1
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio programming.	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 AF43S	Plug-in radio-frequency control card	1
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1




Price (Excl. VAT)

£ 847.60



Complete kit for a pair of swing gates weighing up to **200 kg** per leaf / max width **2 m**



Code	Description	Quantity
801MB-0080 	FTL20DGC - Irreversible motor complete with control panel with dip switch settings, built-in radio remote programming and articulated transmission arm for swing gates up to 2 m per leaf. RAL7024 grey cover.	1
801MB-0050 	FTX20DGS - Irreversible gear motor with articulated transmission arm for swing gates up to 2 m for leaf and C max. 150 mm. RAL7024 grey cover.	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 776.00



FTX-P

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FTX

Complete kit for a pair of swing gates weighing up to **200 kg** per leaf / max width **2 m**



CAME

Code	Description	Quantity
801MB-0110 	FTX20DLC - Irreversible gearmotor complete with control panel with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2 m per leaf and C max. 250 mm. RAL7024 grey cover.	1
801MB-0120 	FTX20DLS - Irreversible gear motor with articulated transmission arm for swing gates up to 2 m for leaf and C max. 250 mm. RAL7024 grey cover.	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 992.00

FTX-S

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FTX

Complete kit for a single swing gate weighing up to **200 kg** / max width **2 m**



Code	Description	Quantity
801MB-0110 	FTX20DLC - Irreversible gearmotor complete with control panel with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2 m per leaf and C max. 250 mm. RAL7024 grey cover.	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 644.00


FAST70-P

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FAST70

Complete kit for a pair of swing gates weighing up to **200 kg** per leaf /
max width **2.3 m**



Code	Description	Quantity
001 FA70230CB	Irreversible automation complete with control panel and articulated transmission arm for swing gates up to 2.3 m per leaf.	1
001 FA70230	Irreversible gearmotor with folding drive arm for swing gates measuring up to 2.3 m per leaf.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
 Price (Excl. VAT)		£ 1027.49




FAST70-S

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FAST70

Complete kit for a single swing gate weighing up to **200 kg** /
max width **2.3 m**



Code	Description	Quantity
001 FA70230CB	Irreversible automation complete with control panel and articulated transmission arm for swing gates up to 2.3 m per leaf.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
 Price (Excl. VAT)		£ 648.60



FAST 70 technical specification & operational limits can be found on page 78.

* We recommend provision be made for an electric lock if the wing is wider than 2m.

FAST70-P24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FAST70

Complete kit for a pair of swing gates weighing up to **200 kg** per leaf /
max width **2.3 m**



CAME

Code	Description	Quantity
801MB-0090 	FST23DLC - Irreversible gearmotor complete with electronic board with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2.3 m for leaf and C max. 300mm	1
801MB-0100 	FST23DLS - Irreversible gear motor with articulated transmission arm for swing gates up to 2.3 m for leaf and C max. 300 mm.	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1133.73



FAST70-S24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FAST70

Complete kit for a single swing gate weighing up to **200 kg** /
max width **2.3 m**



Code	Description	Quantity
801MB-0090 	FST23DLC - Irreversible gearmotor complete with electronic board with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2.3 m for leaf and C max. 300mm	1
001AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001TOP-A433N	Tuned Antenna.	1
001DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 729.81



FAST 70 technical specification & operational limits can be found on page 78.

* We recommend provision be made for an electric lock if the wing is wider than 2m.




FERNIE-P

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf /
max width **4 m**



Code	Description	Quantity
001 FE40230 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	2
002 ZM3EZ 	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio decoding.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1384.24






FERNIE-S

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a single swing gate weighing up to **400 kg** /
max width **4 m**



Code	Description	Quantity
001 FE40230 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
002 ZM3EZ 	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio decoding.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 907.92



FERNI technical specification & operational limits can be found on page 80.

* We recommend provision be made for an electric lock if the wing is wider than 2m.

FERNIE-P24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **4 m**



CAME

Code	Description	Quantity
001 FE4024 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	2
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and self-diagnosing safety devices.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1514.24



FERNIE-S24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a single swing gate weighing up to **400 kg** / max width **4 m**



Code	Description	Quantity
001 FE4024 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and self-diagnosing safety devices.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 997.36



FERNIEV-P *Rapid Version*





CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI



Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **4 m**



Code	Description	Quantity
001 FE40230V 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	2
002 ZM3EZ  	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1370.35



FERNIEV-S *Rapid Version*





CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI



Complete kit for a single swing gate weighing up to **400 kg** / max width **4 m**



Code	Description	Quantity
001 FE40230V 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
002 ZM3EZ  	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 893.65



FERNI technical specification & operational limits can be found on page 80.

* We recommend provision be made for an electric lock if the wing is wider than 2m.

FERNIEV-P24 *Rapid Version*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **4 m**



CAME

Code	Description	Quantity
001 FE4024V 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	2
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1500.08



FERNIEV-S24 *Rapid Version*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FERNI

Complete kit for a single swing gate weighing up to **400 kg** / max width **4 m**



Code	Description	Quantity
001 FE4024V 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 983.22








AXO-P3

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a pair of swing gates weighing up to **500 kg** per leaf / max width **3 m**



Code	Description	Quantity
001 AX302304 	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	2
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1190.80








AXO-S3

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a single swing gate weighing up to **500 kg** / max width **3 m**



Code	Description	Quantity
001 AX302304 	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	1
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 811.20



AXO technical specification & operational limits can be found on page 82.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.

AXO-P4






CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a pair of swing gates weighing up to **300 kg** per leaf / max width **4 m**



CAME

Code	Description	Quantity
001 AX402306 	Irreversible gearmotor with encoder for swing gates with leaves up to 4 m long.	2
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 1189.76








AXO-S4

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a single swing gate weighing up to **300 kg** / max width **4 m**



Code	Description	Quantity
001 AX402306 	Irreversible gearmotor with encoder for swing gates with leaves up to 4 m long.	1
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 811.20



AXO technical specification & operational limits can be found on page 82.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.





AXO-P7

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a pair of swing gates weighing up to **300 kg** per leaf / max width **7 m**



Code	Description	Quantity
001 AX71230 	Reversible gearmotor with encoder for swing gates with leaves up to 7 m long.	2
002 ZM3EZ  	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 20 m.	1
Price (Excl. VAT)		£ 1225.12







AXO-S7

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a single swing gate weighing up to **300 kg** / max width **7 m**



Code	Description	Quantity
001 AX71230 	Reversible gearmotor with encoder for swing gates with leaves up to 7 m long.	1
002 ZM3EZ  	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 828.88



AXO technical specification & operational limits can be found on page 82.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.

AXO-P324

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a pair of swing gates weighing up to **500 kg** per leaf / max width **3 m**



CAME

Code	Description	Quantity
001 AX3024 	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	2
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 1229.28

AXO-S324

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a single swing gate weighing up to **500 kg** / max width **3 m**



Code	Description	Quantity
001 AX3024 	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	1
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 855.92

AXO technical specification & operational limits can be found on page 82.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.




AXO-P524

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **5 m**



Code	Description	Quantity
001 AX5024 	Irreversible gearmotor with encoder for swing gates with leaves up to 5 m long.	2
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1275.04






AXO-S524

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

AXO

Complete kit for a single swing gate weighing up to **400 kg** / max width **5 m**



Code	Description	Quantity
001 AX5024 	Irreversible gearmotor with encoder for swing gates with leaves up to 5 m long.	1
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 876.72



AXO technical specification & operational limits can be found on page 82.

Certain items listed in the kits on these pages, namely control board or safety photocells, may be substituted without prior notice for a comparative alternative if the advertised item code is temporarily out of stock.

FROG-P

FROG

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **3.5 m**



CAME

Code	Description	Quantity
001 FROG-A	Irreversible gearmotor for swing gates measuring up to 3.5 m per leaf, with built in adjustable opening and closing stops.	2
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	2
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 A4364	Release device with lever key.	2
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 1297.92

FROG-S

FROG

Complete kit for a single swing gate weighing up to **400 kg** / max width **3.5 m**



Code	Description	Quantity
001 FROG-A	Irreversible gearmotor for swing gates measuring up to 3.5 m per leaf, with built in adjustable opening and closing stops.	1
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	1
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 A4364	Release device with lever key.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1








Price (Excl. VAT)

£ 827.84

FROG technical specification & operational limits can be found on page 84.

* We recommend provision be made for an electric lock if the wing is wider than 2m.

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf /
max width **3.5 m**






Code	Description	Quantity
001 FROG-AE 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with built in adjustable opening and closing stops.	2
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	2
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	2
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 1406.08

Complete kit for a single swing gate weighing up to **400 kg** /
max width **3.5 m**

Code	Description	Quantity
001 FROG-AE 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with built in adjustable opening and closing stops.	1
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	1
002 ZM3EZ   	Multifunction control panel for swing gates with two leaves, graphic alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 941.20

FROGAE-P24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG

Complete kit for a pair of swing gates weighing up to **400 kg** per leaf / max width **3.5 m**



CAME

Code	Description	Quantity
001 FROG-A24E 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with built in adjustable opening and closing stops.	2
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	2
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	2
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1596.40



FROGAE-S24

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG

Complete kit for a single swing gate weighing up to **400 kg** / max width **3.5 m**



Code	Description	Quantity
001 FROG-A24E 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with adjustable closing leaf-stop.	1
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	1
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 AF43S	Plug-in radio-frequency control card	1
001 A4364	Release device with lever key.	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1047.28



FROG technical specification & operational limits can be found on page 84.

Emergency battery backup available as an optional extra, see page 86 for details.

* We recommend provision be made for an electric lock if the wing is wider than 2m.





FROGPLUS-P5

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG PLUS

Complete kit for a pair of swing gates weighing up to **700 kg** per leaf / max width **5.5 m**



Code	Description	Quantity
001 FROG-PM4 	Irreversible gearmotor with encoder for swing gates measuring up to 5.5 m per leaf, with built in adjustable opening and closing stops.	2
001 FROG-PC	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	2
002 ZM3EP  	Multifunction control panel for swing gates with two leaves, programming and alerts display, testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	2
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 20 m.	1



Price (Excl. VAT)

£ 7473.44





FROGPLUS-S5

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG PLUS

Complete kit for a single swing gate weighing up to **700 kg** / max width **5.5 m**



Code	Description	Quantity
001 FROG-PM4 	Irreversible gearmotor with encoder for swing gates measuring up to 5.5 m per leaf, with built in adjustable opening and closing stops.	1
001 FROG-PC	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	1
002 ZM3EP  	Multifunction control panel for swing gates with two leaves, programming and alerts display, plus testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 3952.00

FROGPLUS-P7

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG PLUS

Complete kit for a pair of swing gates weighing up to **550 kg** per leaf / max width **7 m**



CAME

Code	Description	Quantity
001 FROG-PM6 	Irreversible gearmotor with encoder for swing gates measuring up to 7 m per leaf, with built in adjustable opening and closing stops.	2
001 FROG-PC	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	2
002 ZM3EP 	Multifunction control panel for swing gates with two leaves, programming and alerts display, plus testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	2
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 20 m.	1



Price (Excl. VAT)

£ 7473.44

FROGPLUS-S7

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

FROG PLUS

Complete kit for a single swing gate weighing up to **550 kg** / max width **7 m**



Code	Description	Quantity
001 FROG-PM6 	Irreversible gearmotor with encoder for swing gates measuring up to 7 m per leaf, with built in adjustable opening and closing stops.	1
001 FROG-PC	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	1
002 ZM3EP 	Multifunction control panel for swing gates with two leaves, programming and alerts display, plus testing of safety circuits for CAT 2 safety products and on-board radio programming.	1
001 A4364	Release device with lever key.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

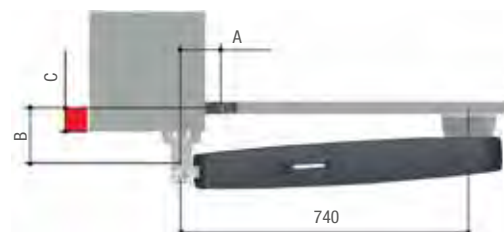
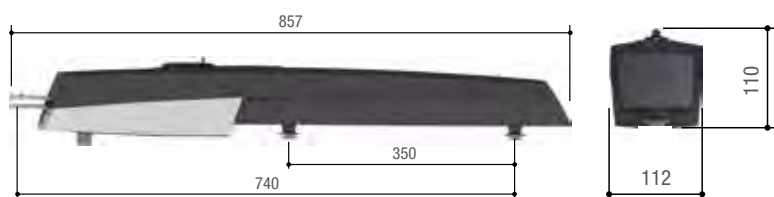
£ 3952.00

Ideal solution for residential settings

- Lever release system protected by a three-lobed key.
- On-board mechanical stops, for controlling gate travel.
- Simplified connections and one, three-conductor cable.
- Silent and linear movement thanks to the conical torque reducer.
- Fully covered and protected endless screw.
- Electronic board, with separate terminal block and dip switch settings for selecting the functions. Storage for up to 25 different users.
- Can operate in emergency mode during power outages.
- Integrated rolling code programming.
- Possibility of connecting wired key pads from the CAME range using the R800 accessory.



Dimensions (mm)



Application dimensions (mm)

MODELS	801MP-0020		
LEAF OPENING (°)	A	B	C Max.
90	130	110 ÷ 170	60
115	150	110 ÷ 160	50

Operational limits

MODELS	801MP-0020
Max. length of leaf (m)	2
Max. weight of leaf (kg)	250
Max. leaf opening (°)	115

Technical characteristics

MODELS	801MP-0020
Protection rating (IP)	44
Power supply to motor (V)	24 DC
Absorption (A)	5 Max.
Power (W)	120
Manoeuvring speed (m/min)	15*
Duty/cycle (%)	50
Thrust (N)	400 ÷ 2000
Operating temperature (°C)	-20 ÷ +55

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

Code	Description	Price (Excl. VAT)
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MP-0020	AXL20DGS - Irreversible gear motor with encoder for swing gates up to 2 m per leaf. RAL7030 grey colour.	£ 260.00
Control panels for 24 V DC geared motors tested according to EN 12453 - EN 12445 standards		
002ZL60	Control panel for one or two leaf swing gates with dip switch settings, built-in radio remote programming and self-diagnosis of the safety devices.	£ 218.40
Accessories for: 002ZL60		
002RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories for: 002ZL60		
001RGP1	Green Power module.	£ 52.48
001R800	Control board for programming and access-control management via keypad selectors.	£ 23.92

NOTES:

002RLB - N. 2 batteries of 12 V - 1.3 Ah not supplied, on 002ZL60 a suitable external housing required.

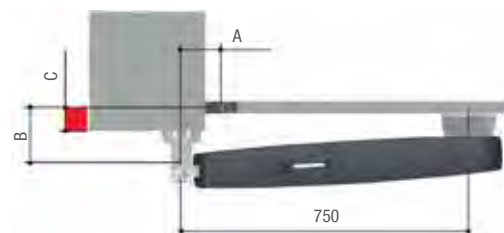
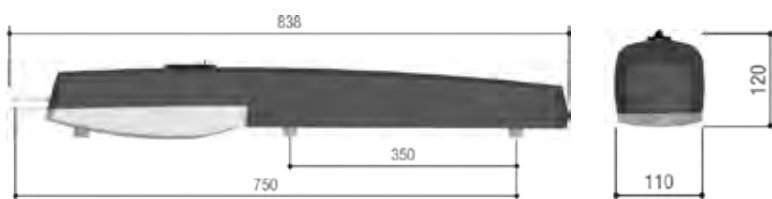


Ideal solution for connected single-home and apartment-block gates



- Release lever system protected by a trilobe key; can be remote activated via steel cable.
- On-board mechanical stops, for controlling gate travel.
- Simplified connections and one, three-conductor cable.
- Silent and linear movement thanks to the conical torque reducer.
- Fully covered and protected endless screw.
- Hard-wired and wireless self-diagnosing safety devices and compliance with current regulatory standards on impact forces.
- Can operate in emergency mode during power outages.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Radio programming Rolling code and integrated Key Code (Twin).
- Devices developed for connection to the cloud, via CAME Connect.
- Management of the Rio series wireless security accessories using the dedicated plug-in accessory.
- Used to directly manage CAME key pads using the R800 accessory or connect CAME transponder selectors using the R700 accessory.

Dimensions (mm)



Application dimensions (mm)

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

Operational limits

MODELS	801MP-0030		801MP-0040	
Max. length of leaf (m)	1,5	2	1,80	2,5
Max. weight of leaf (kg)	250	200	300	250
Max. leaf opening (°)	115		115	

Technical characteristics

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

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

Code	Description	Price (Excl. VAT)
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MP-0030	AXI20DGS - Irreversible gear motor with encoder for swing gates up to 2 m per leaf. RAL7024 grey colour.	£ 314.83
801MP-0040	AXI25DGS - Irreversible gear motor with encoder for swing gates up to 2.5 m per leaf. RAL7024 grey colour.	£ 363.07
Control panels for 24 V DC geared motors tested according to EN 12453 - EN 12445 standards		
002ZL65	Control panel for one or two leaf swing gates with programming display, built-in radio remote programming and self-diagnosis of the safety devices	£ 238.16
Accessories		
001RSWN001	Pull-cord release device for operators.	£ 10.40
Accessories for : 001RSWN001		
001H3000	Case with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	£ 100.88
Accessories for: 002ZL65		
002RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories for: 002ZL65		
001RGP1	Green Power module.	£ 52.48
001R700	Programming board and access control management when used with transponder	£ 44.72
001R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
002RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
BAT2PK	2x 1.2ah Batteries.	£ 52.00

NOTES:

002RLB - Two 12 V - 1.3 Ah batteries (not supplied), on the 002ZL65 fit a suitable external battery rack.



WE CONNECT. YOU CONTROL.

Cloud connectivity changes how we experience operators. This technology revamps our lifestyles, to ensure comfort and safety. CAME CONNECT makes 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.

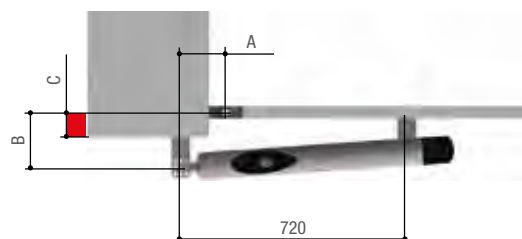
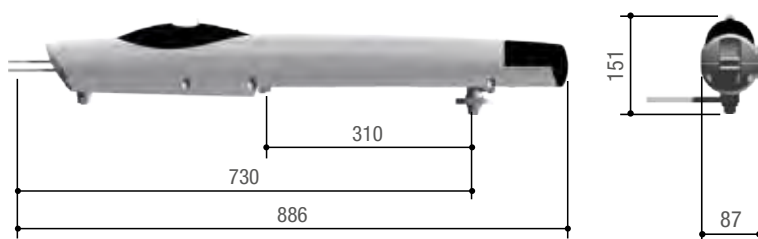


Ideal solution for residential settings

- Bespoke and exclusive design.
- Trilobe key release system.
- Adjustable mechanical stops for memorizing gate travel.
- Simplified connections and one, three-conductor cable.
- Die-cast aluminum supporting half-shells
- Fully covered and protected endless screw.
- Can operate in emergency mode during power outages.
- Self-diagnosing safety devices.
- Compliance tested to meet UK standards.



Dimensions (mm)



Application dimensions (mm)

MODELS	A18230 - A1824		
LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50

Operational limits

MODEL	A1824		
Max. width of leaf (m)	1,8	1,5	1
Max. weight of leaf (kg)	200	215	250
MODEL	A18230		
Max. width of leaf (m)	2,2	1,7	1
Max. weight of leaf (kg)	200	225	250

Technical characteristics

MODELS	A18230	A1824
Protection rating (IP)	44	44
Power supply (V - 50/60 Hz)	230 AC	-
Power supply to motor (V)	230 AC 50/60 Hz	24 DC
Absorption (A)	12	4 Max.
Power (W)	80	100
Maneuvering time at 90° (s)	19	ADJUSTABLE
Duty/cycle (%)	50	HEAVY-DUTY SERVICE
Torque (Nm)	400 ÷ 2000	400 ÷ 2000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	-

Code	Description	Price (Excl. VAT)
230 V AC Gearmotors		
001 A18230	Irreversible gearmotor for swing gates up to 2.2 m per leaf.	£ 323.44
Control panels for 230 V AC gearmotors		
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	£ 165.36
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 A1824	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	£ 335.92
Control panels for 24 V DC gearmotors		
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio decoding.	£ 247.52
Accessories for: 002ZL92		
002 LB90	Circuit board for emergency operation and battery charging.	£ 57.20
Accessories for: 002ZLJ14 - 002ZLJ24		
002 LB180	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories		
BAT2PK	2x 1.2ah Batteries.	£ 52.00



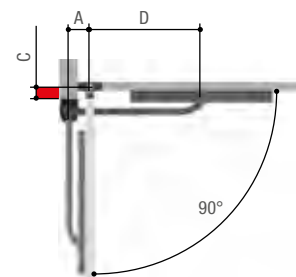
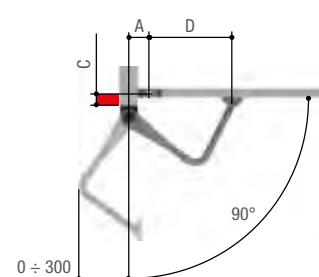
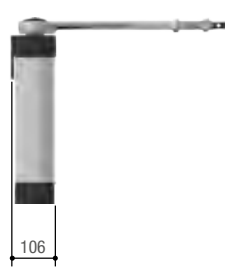
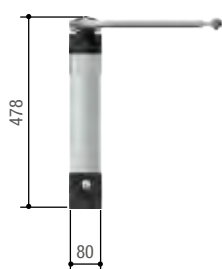
NOTES:
 002LB90 - 002LB180 - Two 12 V - 1,2 Ah or 7 Ah batteries (not supplied), on the 002ZLJ14 and the 002ZLJ24 fit a suitable external block.
 002LB90 - On the 002ZL92 with 12 V 1.2 Ah batteries there is a battery rack inside.



An ideal solution for applying to smaller sized posts

- Movement controlled by the encoder.
- Compliance tested to meet UK standards.
- For installing on gates with minimum width, starting from 8 cm, posts; even up against a wall or fence, thanks to the straight-arm option.
- Can operate in emergency mode during power outages.
- Reliable and sturdy even if smaller in size, thanks to its irreversible system.
- Custom-key release system.
- Also available in the reversible version.

Dimensions (mm)



Application dimensions (mm)




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

Operational limits

MODEL	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)		

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 SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	100	100
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 STYLO-ME	Irreversible gearmotor with encoder for swing gates measuring up to 1.8 m in length per leaf.	£ 328.64
		
001 STYLO-RME	Reversible gearmotor with encoder for swing gates measuring up to 1.8 m per leaf.	£ 313.04
		
Control panels for 24 V DC geared motors tested according to EN 12453 - EN 12445 standards		
002 ZL92Z	Control panel for two-leaved swing gates with functions display, self-diagnosing safety devices and on-board radio programming.	£ 247.52
Accessories for: 002ZL92		
002 LB90	Circuit board for emergency operation and battery charging.	£ 57.20
		
Accessories		
001 STYLO-BS	Folding drive arm.	£ 42.64
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	£ 113.36
BAT2PK	2x 1.2ah Batteries.	£ 52.00
Accessories for: 001STYLO-RME		
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16



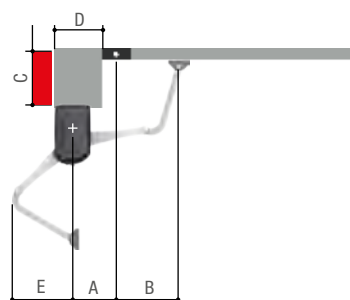
NOTES:
 002LB90 - 12 V - 1.2 Ah or 7 Ah batteries - not supplied.
 002LB90 - On the 002ZL92 with 12 V 1.2 Ah batteries there is a battery rack inside.



Ideal solution for residential or condominium applications on small and medium-sized pillars

- Enables compliance with the current regulations regarding impact forces
- Automation with control by encoder
- User-friendly release lever for manually opening the gate.
- Can operate in emergency mode during power outages.
- Self-diagnosis of wired safety devices
- Electronic board, with separate terminal block and dip switch settings for selecting the functions. Storage for up to 25 different users.
- Integrated rolling code programming.
- Possibility of connecting wired key pads from the CAME range using the R800 accessory.

Dimensions (mm)



Application dimensions (mm)

MODELS	801MB-0080 - 801MB-0050				
LEAF OPENING (°)	A	B	D	E	C Max.
90	140	420 (490 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	150 (250 using 801XC-0070)
90	160 ÷ 180	380 (460 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	150 (250 using 801XC-0070)
110	200 ÷ 220	400 (470 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	50 (250 using 801XC-0070)

Operational limits

MODELS	801MB-0080			801MB-0050			
Max. length of leaf (m)	2	1.7	1	2	1.7	1.5	1
Max. weight of leaf (kg)	200	225	250	200	225	230	250

Technical characteristics

MODELS	801MB-0080	801MB-0050
Protection rating (IP)	44	44
Power supply (V - 50/60 Hz)	230 AC	-
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	4 Max.	4 Max.
Power (W)	140	140
Maneuvering speed (m/min)	da 19 a 25	from 20 to 30
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Complete operators with 24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MB-0080	FTL20DGC - Irreversible motor complete with control board with dip switch settings, built-in radio remote programming and articulated transmission arm for swing gates up to 2 m per leaf. RAL7024 grey cover.	£ 576.00
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MB-0050	FTX20DGS - Irreversible gear motor with articulated transmission arm for swing gates up to 2 m for leaf and C max. 150 mm. RAL7024 grey cover.	£ 380.00
Accessories for: 801MB-0080		
001 RGP1	Green Power module.	£ 52.48
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
Accessories for: 801MB-0080		
002 RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories		
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	£ 113.36
801XC-0070	Articulated arm to increase max of C measurement. See table opposite.	£ 74.50
BAT2PK	2x 1.2ah Batteries.	£ 52.00



EASY RELEASE!

In the event of an emergency or a power failure, the key release is readily accessible and easy to use.

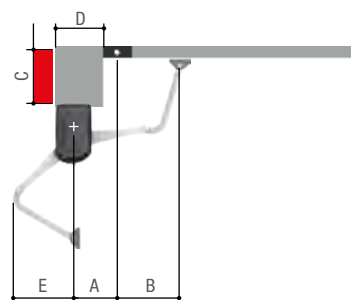
A handy lever, allows the release of the gear motor for the manual opening of the gate.



Ideal solution for residential or condominium applications on small and medium-sized pillars

- Enables compliance with the current regulations regarding impact forces
- User-friendly release lever for manually opening the gate.
- Can operate in emergency mode during power outages.
- Self-diagnosing safety devices – whether wireless or not.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Radio programming Rolling code and integrated Key Code (Twin).
- Devices developed for connection to the cloud, via CAME Connect.
- Management of the Rio series wireless security accessories using the dedicated plug-in accessory.
- Used to directly manage CAME key pads using the R800 accessory or connect CAME transponder selectors using the R700 accessory.

Dimensions (mm)



Application dimensions (mm)

MODELS	801MB-0110 · 801MB-0120			
LEAF OPENING (°)	A	B	D	C Max.
90	140 ÷ 210	540	Min. 150	0 ÷ 50
90	140 ÷ 200	510	Min. 150	75 ÷ 200
90	150 ÷ 180	510	Min. 150	225 ÷ 250
110	200 ÷ 220	480	Min. 150	0 ÷ 50

Operational limits

MODELS	801MB-0110				801MB-0120			
Max. length of leaf (m)	2	1.7	1.5	1	2	1.7	1.5	1
Max. weight of leaf (kg)	200	225	230	250	200	225	230	250

Technical characteristics

MODELS	801MB-0110	801MB-0120
Protection rating (IP)	44	44
Power supply (V - 50/60 Hz)	230 AC	-
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	4 Max.	4 Max.
Power (W)	140	140
Manoeuvring speed (m/min)	from 20 to 30	from 20 to 30
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Complete automation with 24 V DC gearmotor with C max. 250 mm tested according to EN 12453 - EN 12445 standards		
801MB-0110	FTX20DLC - Irreversible gearmotor complete with electronic board with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2 m per leaf and C max. 250 mm. RAL7024 grey cover.	£646.74
24 V DC gearmotors with C max. 250 mm tested according to EN 12453 - EN 12445 standards		
801MB-0120	FTX20DLS - Irreversible gear motor with articulated transmission arm for swing gates up to 2 m for leaf and C max. 250 mm. RAL7024 grey cover.	£420.12
Accessories for: 801MB-0070 - 801MB-0110		
001 RGP1	Green Power module.	£ 52.48
001 R700	Programming board and access control management when used with transponder	£ 44.72
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
Accessories for: 801MB-0070 - 801MB-0110		
002 RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories		
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	£ 113.36
001 H3000	Case with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	£ 100.88
001 RSWN001	Pull-cord release device for operators.	£ 10.40
BAT2PK	2x 1.2ah Batteries.	£ 52.00

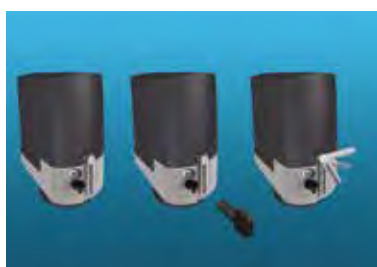


WE CONNECT. YOU CONTROL.

Cloud connectivity changes how we experience operators. This technology revamps our lifestyles, to ensure comfort and safety.

CAME CONNECT makes 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.



EASY RELEASE!

In the event of an emergency or a power failure, the key release is readily accessible and easy to use.

A handy lever, allows the release of the gear motor for the manual opening of the gate.

FAST 70

Gate leaves of up to 2,3 m



Ideal for residential or condominium applications, on medium and large pillars

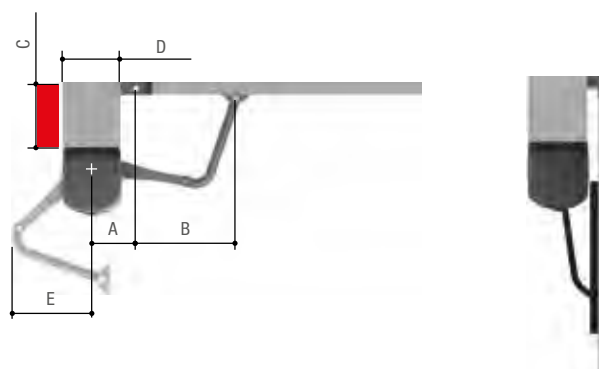
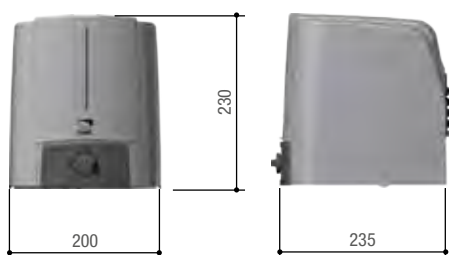
- Quick and easy installation.
- User-friendly release lever for manually opening the gate.
- Electronic board integrated in the FA70230CB version and in the 801MB-0090 version.

24 V VERSION

- Can operate in emergency mode during power outages.
- Simplified connection with a single 3-wire cable for motor and encoder management.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Self-diagnosing safety devices – whether wireless or not.
- Radio programming Rolling code and integrated Key Code (Twin).
- Devices developed for connection to the cloud, via CAME Connect.
- Management of wireless security accessories for the RIO System 2.0 series
- Used to directly manage CAME key pads using the R800 board or connect CAME transponder selectors using the R700 accessory



Dimensions (mm)



Application dimensions (mm)

MODELS	FA70230CB · FA70230 · FA7024CB · FA7024 · 801MB-0090 · 801MB-0100				
LEAF OPENING (°)	A	B	D	E	C Max.
90	140	420 (490 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	200 (300 using 801XC-0070)
90	160 ÷ 180	380 (460 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	200 (300 using 801XC-0070)
110	200 ÷ 220	400 (470 using 801XC-0070)	Min. 200	310 (410 using 801XC-0070)	50 (300 using 801XC-0070)

Operational limits

MODEL	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

Technical characteristics

MODELS	FA70230CB	FA70230	FA7024CB	FA7024	801MB-0090	801MB-0100
Protection rating (IP)	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC - 50/60 Hz	230 AC	230 AC	-	230 AC	-
Power supply to motor (V)	230 AC - 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC	24 DC	24 DC
Power (W)	160	160	140	140	140	140
Maneuvering time at 90° (s)	15	18	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	30	30	-	-	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	180	180	-	-	180	180
Operating temperature (°C)	-20° ÷ +55°	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	-	-	-	-

● 230 V AC ● 24 V DC

Code	Description	Price (Excl. VAT)
Automation at 230 V AC		
001 FA70230CB	Irreversible automation complete with electronic card and articulated transmission arm for swing gates up to 2.3 m per leaf.	£ 503.36
230 V AC Gearmotors		
001 FA70230	Irreversible gearmotor with articulated drive arm for swing gates measuring up to 2.3 m per leaf.	£ 382.72
24 V DC gearmotor with C max. 300 mm tested according to EN 12453 - EN 12445 standards		
801 MB-0090	FST23DLC - Irreversible gearmotor complete with electronic board with functions display, built-in radio remote programming and articulated transmission arm for swing gates up to 2.3 m for leaf and C max. 300 mm	£585.39
24 V DC gearmotors with C max. 300 mm tested according to EN 12453 - EN 12445 standards		
801 MB-0100	FST23DLS - Irreversible gear motor with articulated transmission arm for swing gates up to 2.3 m for leaf and C max. 300 mm.	£408.00
Accessories for: 002ZL65 - 002ZL65-110		
001 RGP1	Green Power module.	£ 52.48
001 R700	Programming board and access control management when used with transponder	£ 44.72
001 R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
Accessories for: 002ZL65 - 002ZL65-110		
002 RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories for: 002RLB		
001 LBF70	Fixing kit for batteries.	£ 47.43
Accessories		
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.	£ 113.36
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16
001 H3000	Case with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	£ 100.88
BAT2PK-3.4AH	2x 1.2ah Batteries.	£ 52.00



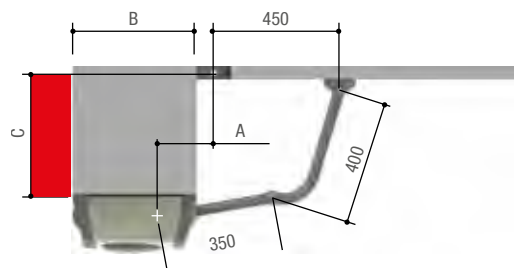
002RLB - N. 2 batteries of 12 V - 3.4 Ah not supplied, on 801MB-0090 the location position is provided internally



Ideal for fitting onto large gate posts in single homes and apartment blocks.

- Innovative design for a product engineered and built to meet market needs.
- Sleek, solid, modern, anodized aluminum casing.
- Both the 24 V DC and the 230 V AC models are EN tested and have encoder controlled electronics.
- The standard, folding drive arm can be replaced by the straight drive arm when lack of space is an issue.
- Easy to reach release hatch.
- Highly resistant to weathering.
- Made to be easily installed and connected it also features versatile limit-switches.
- A version with 18 seconds of maneuvering time is also available.

Dimensions (mm)



Application dimensions (mm)

MODELS	FE40230 • FE40230V • FE4024 • FE4024V	
LEAF OPENING (°)	A	C Max.
90	110	300
90	150	380

Operational limits

MODEL	FE40230 • FE40230V • FE4024 • FE4024V			
Max. width of leaf (m)	4*	3,5*	3*	2,5*
Max. weight of leaf (kg)	400	450	500	800
MODEL	FE40230 • FE4024 (with the 001FERNI-BDX and the 001FERNI-BSX drive arm)			
Max. width of leaf (m)			2,5	2
Max. weight of leaf (kg)			300	500

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

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 SERVICE	HEAVY-DUTY SERVICE
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	Price (Excl. VAT)
230 V AC Gearmotors		
001 FE40230V	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf. RAPID VERISON . Opening time 18 seconds.	£ 481.52
230 V AC gearmotors tested in compliance with regulatory standards EN 12453 - EN 12445		
001 FE40230	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	£ 481.52
Control panels for 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
002 ZM3EZ	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	£ 269.36
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 FE4024	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	£ 522.08
001 FE4024V	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf. RAPID VERISON (adjustable speed).	£ 522.08
Control panels for 24 V gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
002 ZLJ24Z	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and self-diagnosing safety devices.	£ 319.28
Accessories for: 002ZLJ14		
002 LB90	Circuit board for emergency operation and battery charging.	£ 57.20
Accessories for: 002ZLJ24		
002 LB180	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories for: 001FE40230 - 001FE4024		
001 FERNI-BDX	Straight right-hand drive arm and track.	£ 96.72
001 FERNI-BSX	Straight left-hand drive arm and track.	£ 96.72
Accessories		
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16
001 H3000	Case with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	£ 100.88
BAT2PK-7AH	2x 7.0ah Batteries.	£ 55.00

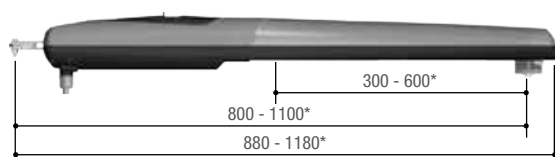


NOTES:
002LB90 - 002LB180 - Two 12 V - 7 Ah batteries (not supplied), on the 001FE4024 and the 001FE4024V fit a suitable, external battery rack.
WARNING: 001FE40230V + 002ZM3E are not tested according to EN12453 - EN 12445.

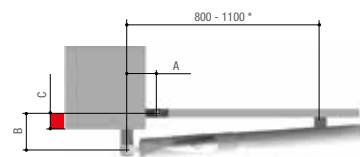
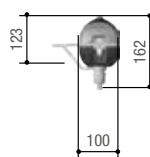
Ideal solution for applying to gates in single homes or apartment blocks

- Compliance tested to meet UK standards.
- The 24 V versions can work in emergency mode during power outages.
- Available in reversible and irreversible mode.
- Fully covered and protected endless screw.
- The 24 V versions feature a simplified connection system with a single three-conductor cable to control the motor and the encoder.
- Encoder technology for controlling slow-downs.
- Adjustable mechanical stops for memorizing gate travel.
- Die-cast aluminum supporting half-shells

Dimensions (mm)



* 001AX5024 • 001AX71230



Operational limits

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

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:

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

** Do not fit panels on gate leaves longer than 5 m. With reversible versions, when the gate is open, the gate leaf could close back up if there is a strong wind.

Technical characteristics

MODELS	AX302304	AX312304	AX402306	AX412306	AX71230	AX3024	AX5024
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)	230 AC 50/60 Hz	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)	1,5	15	1,5	15	1,5	10 Max.	10 Max.
Power (W)	175	175	175	175	175	120	120
Maneuvering time at 90° (s)	20	20	28	28	40	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	50	50	30	30	30	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	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

Code	Description	Price (Excl. VAT)
230 V AC gearmotors tested in compliance with regulatory standards EN 12453 - EN 12445		
001 AX302304	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	£ 383.76
001 AX312304	Reversible gearmotor with encoder for swing gates up to 3 m per leaf.	£ 351.52
001 AX402306	Irreversible gearmotor with encoder for swing gates with leaves up to 4 m long.	£ 383.76
001 AX412306	Reversible gearmotor with encoder for swing gates up to 4 m per door.	£ 351.52
230 V AC Gearmotors		
001 AX71230	Reversible gearmotor with encoder for swing gates with leaves up to 7 m long.	£ 401.44
Control panels for 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
002 ZM3EZ	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	£ 269.36
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 AX3024	Irreversible gearmotor with encoder for swing gates measuring up to 3 m per leaf.	£ 378.56
001 AX5024	Irreversible gearmotor with encoder for swing gates with leaves up to 5 m long.	£ 401.44
Control panels for 24 V gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
002 ZLJ24Z	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and self-diagnosing safety devices.	£ 319.28
Accessories for: 002ZLJ14		
002 LB90	Circuit board for emergency operation and battery charging.	£ 57.20
Accessories for: 002ZLJ24		
002 LB180	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories		
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16
BAT2PK-7AH	2x 7.0ah Batteries.	£ 55.00



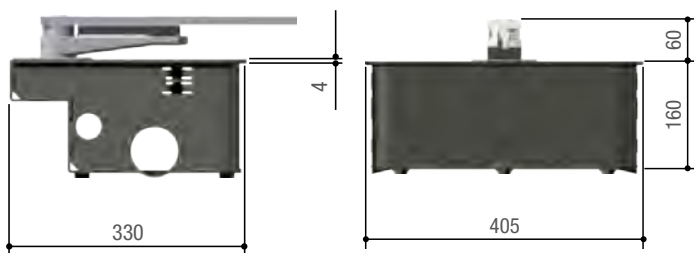
NOTES:
002LB90 - 002LB180 - Two 12 V - 1,2 Ah or 7 Ah batteries (not supplied), on the 002ZLJ14 and the 002ZLJ24 fit a suitable external block.



Below-ground solution suitable for fitting to gates in single homes and apartment buildings.

- The invisible solution to power your gate.
- High degree of protection against weathering (IP67).
- System automatically resets after the gate is manually released.
- Can open up to 180° (with the FL-180 accessory).
- FROG-AE and FROG-A24E with encoder technology, tested in compliance with current regulatory standards.
- The 24 V DC versions can operate in emergency mode during power outages.
- Special steel foundation box with rustproof coating.
- Adjustable built-in leaf stops.

Dimensions (mm)



Operational limits





MODEL	FROG-AV			
Max. width of leaf (m)				1,3
Max. weight of leaf (kg)				300
MODEL	FROG-A • FROG-AE			
Max. width of leaf (m)	*3,5	*2,5	2	-
Max. weight of leaf (kg)	400	600	800	-
MODEL	FROG-A24 • FROG-A24E			
Max. width of leaf (m)	*3,5	*2,5	2	-
Max. weight of leaf (kg)	400	600	800	-

NOTES: * We suggest fitting an electric lock onto the gate leaf.

Technical characteristics

MODELS	FROG-AE	FROG-A	FROG-AV	FROG-A24E
Protection rating (IP)	67	67	67	67
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	-
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC
Absorption (A)	1,9	1,9	2,5	15 Max.
Power (W)	200	200	300	180
Maneuvering time at 90° (s)	18	18	9	ADJUSTABLE
Duty/cycle (%)	30	30	30	HEAVY-DUTY SERVICE
Torque (Nm)	320	320	240	320
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	-

● 230 V AC ● 24 V DC

Code	Description	Price (Excl. VAT)
230 V AC below-ground gearmotors		
001 FROG-A	Irreversible gearmotor for swing gates measuring up to 3.5 m per leaf, with built in adjustable opening and closing stops.	£ 330.72
001 FROG-AV	Irreversible gearmotor for swing gates of up to 1.3 m per leaf, with built in adjustable opening and closing stops.	£ 421.20
Control panels for 230 V AC gearmotors		
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	£ 165.36
Below-ground 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 FROG-AE 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with built in adjustable opening and closing stops.	£ 334.88
Control panels for 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
002 ZM3EZ 	Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio programming.	£ 269.36
Below-ground, 24 V DC operators, tested in compliance with regulatory standards EN 12453 - EN 12445		
001 FROG-A24E 	Irreversible gearmotor for swing gates of up to 3.5 m per leaf, with adjustable closing leaf-stop.	£ 395.20
Control panels for : 001FROG-A24E		
002 ZLJ24Z 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, and testing of safety circuits for CAT 2 safety products and on-board radio programming.	£ 319.28



THE COMPLETE RANGE

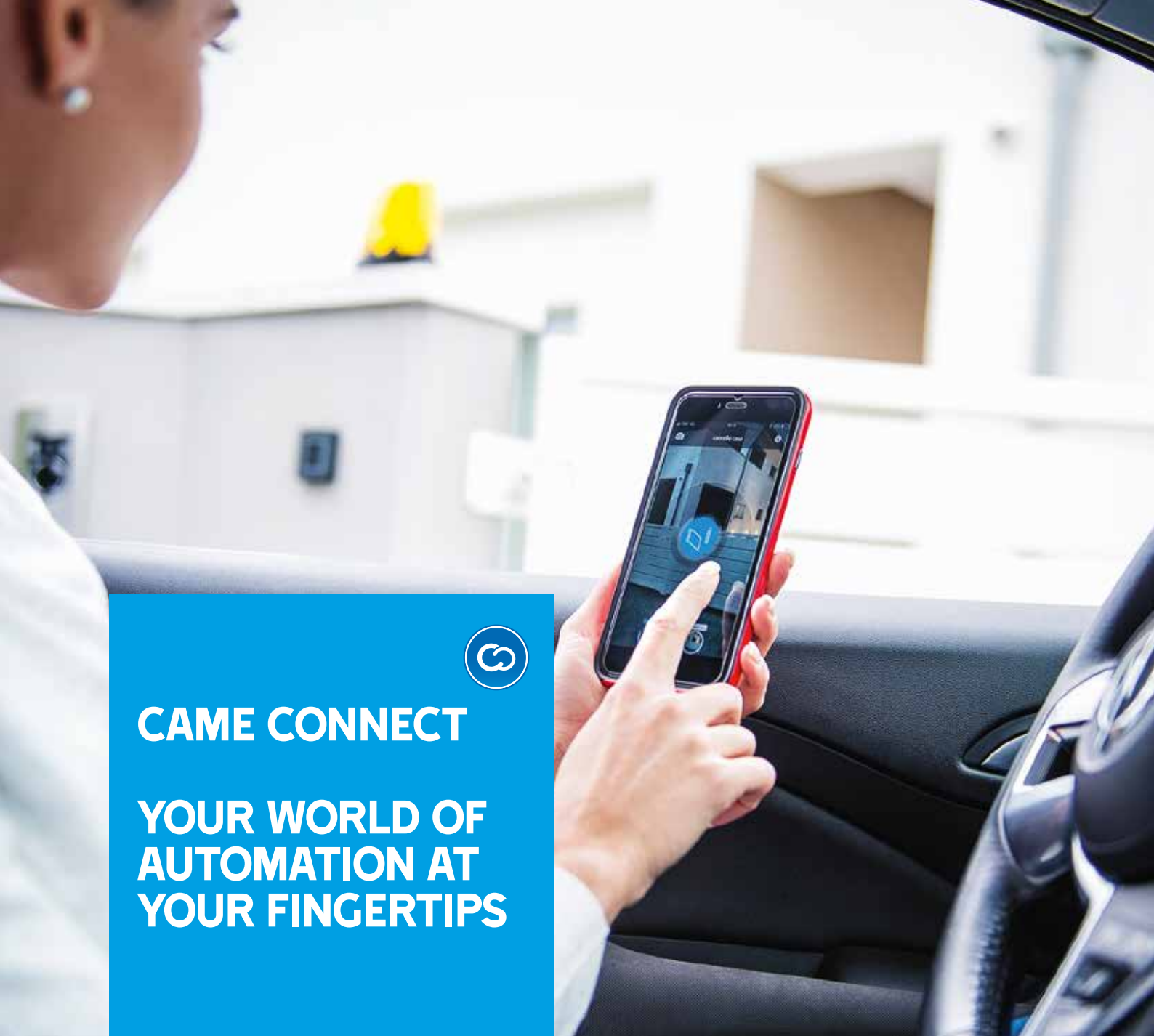
Code	Description	Price (Excl. VAT)
Accessories for: 002ZLJ14		
002 LB90	Circuit board for emergency operation and battery charging.	£ 57.20
Accessories for: 002ZLJ24		
002 LB180	Circuit board for emergency operation and battery charging.	£ 72.80
Accessories for: 001FROG-A - 001FROG-AV - 001FROG-AE - 001FROG-A24E		
001 FL-180	Drive chain lever for up to 180° openings and gate leaves of max. 2 m in length.	£ 126.88
Accessories		
001 FROG-CFNI	Foundation box made of AISI 304 steel, with release latching lever, gate fastening brace and screw for adjusting the opening limit point.	£ 297.44
001 FROG-CFN	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	£ 149.76
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16
001 A4364	Release device with lever key.	£ 29.12
001 A4365	Release device with trilobe key.	£ 44.72
001 A4366	Release device with customized key and EURO-DIN cylinder.	£ 57.20
001 A4370	Drive lever for openings of up to 140° and gate leaves of max. 2 m in length.	£ 63.44
BAT2PK-7AH	2x 7.0ah Batteries.	£ 55.00
M6	Grease gun adaptor for Frog shoe (enables application of grease during maintenance).	£ 2.00

NOTES:

002LB90 - 002LB180 - Two 12 V - 1,2 Ah or 7 Ah batteries (not supplied), on the 002ZLJ14 and the 002ZLJ24 fit a suitable external block.

001FL-180 - 001A4370 - Accessories for max. leaf of 2 m.





CAME CONNECT

YOUR WORLD OF AUTOMATION AT YOUR FINGERTIPS

Cloud based technology to help you manage your automation systems wherever you are in the world, from your smart phone, tablet or PC.

Go to page 232 to find out more.

CAME 



FROG PLUS

Gate leaves of up to 7 m

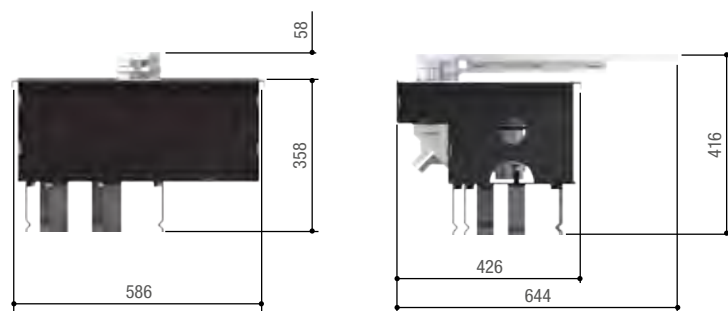


Ideal for fitting onto gates at apartment blocks or industrial facilities

- The invisible solution for swing-gate operators.
- High degree of protection against weathering (IP67).
- Built-in opening and closing leaf stops for quick-and-easy adjusting of the leaf-stopping point.
- Encoder technology for total movement control.



Dimensions (mm)



A = Min. 94

Operational limits




MODEL	FROG-PM4					
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		

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

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)	5,1	2,6
Power (W)	1200	600
Maneuvering time at 90° (s)	30	45
Duty/cycle (%)	50	50
Torque (Nm)	800	800
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150

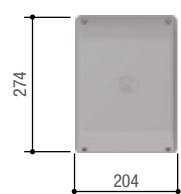
● 230 V AC

Code	Description	Price (Excl. VAT)
230 V AC below-ground gearmotors		
001 FROG-PM4 	Irreversible gearmotor with encoder for swing gates measuring up to 5.5 m per leaf, with built in adjustable opening and closing stops.	£ 2590.64
001 FROG-PM6 	Irreversible gearmotor with encoder for swing gates measuring up to 7 m per leaf, with built in adjustable opening and closing stops.	£ 2590.64
Control panels for 230 V AC gearmotors		
002 ZM3EP 	Multifunction control panel for swing gates with two leaves, programming and alerts display, plus testing of safety circuits for CAT 2 safety products and on-board radio programming..	£ 302.64
Accessories		
001 FROG-PC	Foundation box in steel with cataphoresis treatment, complete with unlocking lever, fixing bracket to the gate and screw for adjusting the limit switch point in opening	£ 908.96
001 A4801	Micro limit-switch.	£ 257.92
001 A4364	Release device with lever key.	£ 29.12
001 A4365	Release device with trilobe key.	£ 44.72
001 A4366	Release device with customized key and EURO-DIN cylinder.	£ 57.20
001 LOCK81	Single cylinder electric lock.	£ 101.92
001 LOCK82	Double cylinder electric lock.	£ 108.16



CONTROL PANEL DIMENSIONS

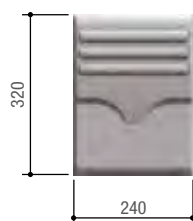
Dimensions (mm)



002ZA3N
002ZA3P
002ZL170N
002ZL65
002ZL60
002ZL65-110
002ZA3P110



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002ZL92
002ZLJ14
002ZLJ24
002ZM3E
002ZM3EP
002ZL19N
002ZL180
002LB18



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002ZM3ES



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

The ones in bold type are important for choosing which operator to install and should be assessed from the start.

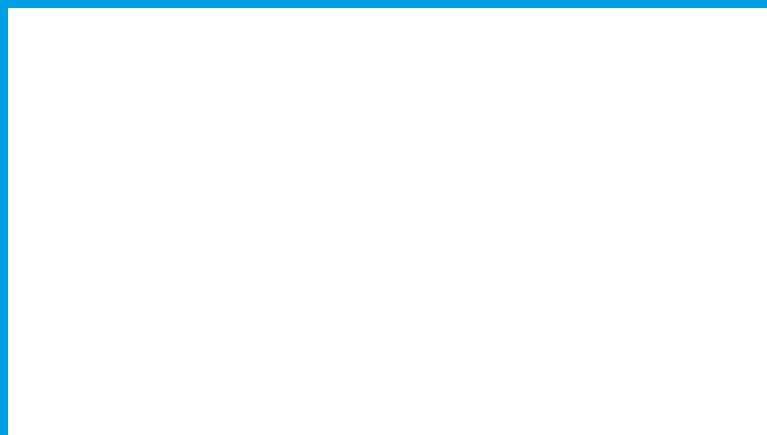
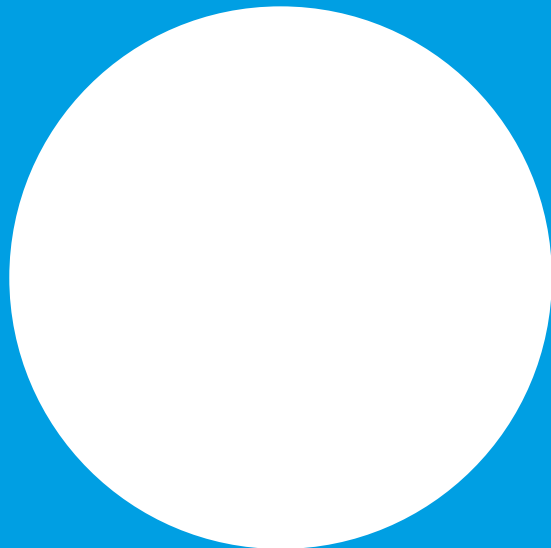


Models / Series	FROG FAST70 FERNI AMICO	AXO FERNI FROG AMICO	FROG PLUS	FAST 70	AXI FTX FAST70	AXL FTL	AMICO STYLO	AMICO AXO FROG FERNI	AMICO AXO FROG FERNI	AXI FAST 70
Control board / Control panel	ZA3P	ZM3EZ	ZM3EP	ZF1N	ZL65	ZL60	ZL92Z	ZLJ24Z	ZLJ14	ZL65
Functions	Safety									
SELF-DIAGNOSING safety decives	●	●	●	●	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●		●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●	●	●	●	●
RECLOSE 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 by button	●	●	●	●	●	●	●	●	●	●
DELAYED OPENING 1st leaf	●	●	●	●	●	●	●	●		●
DELAYED OPENING 2nd leaf	●	●	●	●	●	●	●	●		●
	Characteristics									
FLASHING LIGHT connection	●	●	●	●	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●		●		●	●	●	●
COURTESY LIGHT connection	●	●	●		●	●		●	●	
Antenna Connection	●	●	●	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●	●	●	●
Contact output for 2nd RADIO CHANNEL	●	●	●				●	●	●	
OPERATING TIME adjusting	●	●	●	●	●	●	●	●	●	●
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●	●	●	●
Connection for the ELECTRIC LOCK and/or RAMMING	●	●	●	●	●		●	●	●	●
Adjustable AUTOMATIC CLOSING TIME	●	●	●	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs	●	●	●		●	●	●	●	●	●
EMERGENCY BATTERY operation (optional)					●	●	●	●	●	●
TRAVEL and SLOW DOWN SPEEDS adjustable*	●	●	●		●	●	●	●	●	●
DISPLAY		●	●		●		●	●	●	●
SELF-LEARNING of the position in opening and closing		●	●		●	●	●	●	●	●
CAME Connect		●	●		●			●		●
RIO System 2.0 preparation					●					●
CRP control		●	●		●			●		●
ENERGY SAVINGS control (001RGP1)					●	●				●

● 120 - 230 V AC ● 24 V DC ● 230 - 400 V AC THREE PHASE

NOTES: * only the 002ZA3P, 002ZM3E and 002ZM3EP the slowdown speed

SLIDING GATES



CAME.COM

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COMPLETE KITS

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131 ELECTRONIC FUNCTIONS SLIDING GATES

Guide to choosing

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)
BXL	801MS-0140	400 / 10
BX	801MS-0020	400 / 14
BXV	801MS-0150	400 / 14
BXV	801MS-0160	400 / 14
BXV	801MS-0180	600 / 18
BXV	801MS-0190	600 / 18
BXV	801MS-0380	600 / 18
BX	801MS-0030	800 / 14
BXV	801MS-0210	800 / 20
BK	801MS-0070	800 / 20
BXV	801MS-0230	1000 / 20
BXV	801MS-0250	1000 / 20
BXV	801MS-0390	1000 / 20
BK	801MS-0080	1200 / 20
*BKV	801MS-0300	1500 / 20
*BKV	801MS-0350	1500 / 20
BK	801MS-0090	1800 / 20
*BKV	801MS-0310	2000 / 20
*BKV	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	801MS-0370	2500 / 20
BY-3500T	BY-3500T	3500 / 17

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



SLIDING GATES RIGHT OR LEFT OPENING

All automated operators for CAME sliding gates are designed to be fitted on the left.

To fit on the right, invert the motor phases and the limit-switch connection, as shown in the installation manual.

CAME 



PAIRED OPENING

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



INDUSTRIAL APPLICATION

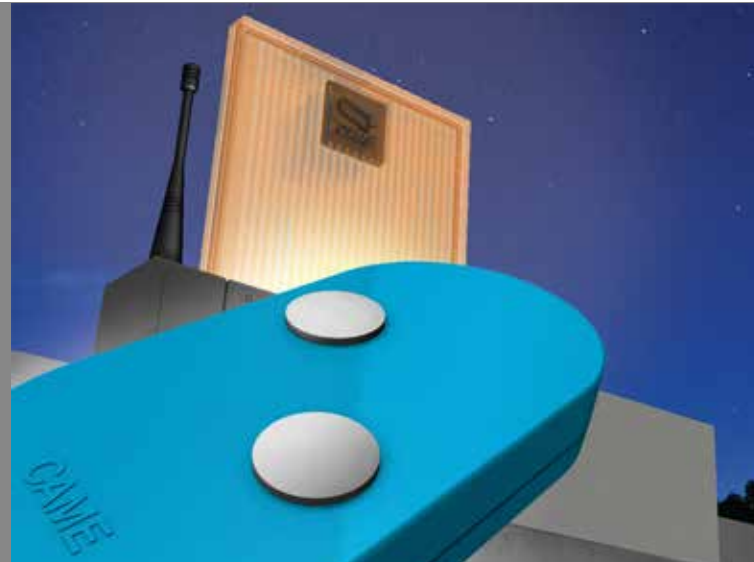
In industrial facilities, where tractor trailers, 18-wheel trucks and forklifts pass through, it is always advisable to fit double-height, infrared beam photocells, to prevent the gate from closing if one of the vehicles stops at the entry/exit point.

The flashing light: For extra safety!



CAME suggests installing the flashing light for signaling that the mechanical parts are moving.

Now the new DADOO models are available, with LED lighting. Newly shaped, DADOO is light, practical and quick to install.

We have also revamped our KIARO range. It now features LED lighting models that bring you energy savings and longer life.





Code	Description	Quantity
801MS-0140 	BXL04AGS - Automation with 24 V motor, complete with electronic board with dip switch settings, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 10 m in length. RAL7024 grey cover.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 469.00



BXV400GS KIT *Standard*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **400 kg** / max width **14 m**



CAME

Code	Description	Quantity
801MS-0150 	BXV04AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 591.51



BXV400GT KIT *Tall*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **400 kg** / max width **14 m**



Code	Description	Quantity
801MS-0170 	BXV04AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover - (High cover version for inbuilt battery compartment).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 612.97





BXV400GF KIT *Rapid*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **400 kg** / max width **14 m**



Code	Description	Quantity
801MS-0160 	BXV04AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover (Quick Version).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 617.80



BXV600GS KIT *Standard*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **600 kg** / max width **18 m**



CAME

Code	Description	Quantity
801MS-0180 	BXV06AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 680.21



BXV600GT KIT *Tall*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **600 kg** / max width **18 m**



Code	Description	Quantity
801MS-0200 	BXV06AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover - (High cover version for inbuilt battery compartment).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 705.46



BXV600GF KIT *Rapid*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **600 kg** / max width **18 m**



Code	Description	Quantity
801MS-0190 	BXV06AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover (Quick Version).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 729.85



BXV800GS KIT *Standard*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **800 kg** / max width **20 m**



CAME

Code	Description	Quantity
801MS-0210 	BXV08AGS - Automation with 24 V engine, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 800 kg and 20 m in length. RAL7024 grey cover.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 768.81



BXV800GT KIT *Tall*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **800 kg** / max width **20 m**



Code	Description	Quantity
801MS-0220 	BXV08AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 800 kg and 20 m in length. RAL7024 grey cover - (High cover version for inbuilt battery compartment).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 802.86



BXV1000GS KIT *Standard*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **1000 kg** / max width **20 m**



Code	Description	Quantity
801MS-0230 	BXV10AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7024 grey cover.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 821.39



BXV1000GT KIT *Tall*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **1000 kg** / max width **20 m**



Code	Description	Quantity
801MS-0240 	BXV10AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7024 grey cover - (High cover version for inbuilt battery compartment).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 861.30



BXV1000GF KIT *Rapid*

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BXV

Complete kit for a sliding gate weighing up to **1000 kg** / max width **20 m**



CAME

Code	Description	Quantity
801MS-0250 	BXV10AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7030 grey cover (Quick Version).	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 899.31



BX-74-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BX

Complete kit for a sliding gate weighing up to **400 kg** / max width **14 m**



Code	Description	Quantity
801MS-0020 	BX704AGS - Automation complete with electronic board with programming display, built-in radio remote programming, speed control and obstacle detection and mechanical limit switches for sliding gates up to 400 kg and max. 14 m	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 642.72



BX-78-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BX

Complete kit for a sliding gate weighing up to **800 kg** / max width **14 m**



Code	Description	Quantity
801MS-0030 	BX708AGS - Automation complete with electronic board with programming display, built-in radio remote programming, speed control and obstacle detection and mechanical limit switches for sliding gates up to 800 kg and 14 m in length	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 674.96



BK-1200-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BK

Complete kit for a sliding gate weighing up to **1200 kg** / max width **20 m**



CAME

Code	Description	Quantity
801MS-0080 	BKS12AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 1200 kg and 20 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 771.68



BK-1800-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BK

Complete kit for a sliding gate weighing up to **1800 kg** / max width **20 m**



Code	Description	Quantity
801MS-0090 	BKS18AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 1800 kg and 20 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
Price (Excl. VAT)		£ 836.16





Code	Description	Quantity
801MS-0100 	BKS22AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 2200 kg and 20 m in length	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of 12 - 24 V AC - DC outdoor photocells – range 20 m.	1



Price (Excl. VAT)

£ 912.08

BKV1500P-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BKV

Complete kit for a sliding gate weighing up to **1500 kg** / max width **20 m**



CAME

Code	Description	Quantity
801MS-0350 	BKV15AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, magnetic limit-switches and clock accessory included, for gates up to 1500 kg in weight and 20 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of 12 - 24 V AC - DC outdoor photocells – range 20 m.	1
Price (Excl. VAT)		£ 1114.00



BKV2000P-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BKV

Complete kit for a sliding gate weighing up to **2000 kg** / max width **20 m**



Code	Description	Quantity
801MS-0360 	BKV20AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, magnetic limit-switches and clock accessory included, for gates up to 2000 kg in weight and 20 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of 12 - 24 V AC - DC outdoor photocells – range 20 m.	1
Price (Excl. VAT)		£ 1183.00



BKV2500P-KIT

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

BKV

Complete kit for a sliding gate weighing up to **2500 kg** / max width **20 m**



Code	Description	Quantity
801MS-0370 	BKV25AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, module 6 pinion, magnetic limit-switches and clock accessory included, for gates up to 2500 kg in weight and 20 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR20 	Pair of 12 - 24 V AC - DC outdoor photocells – range 20 m.	1



Price (Excl. VAT)

£ 1292.00

BY-3500T-KIT

BY

Complete kit for a sliding gate weighing up to **3500 kg** / max width **23 m**



Code	Description	Quantity
001 BY-3500T 	Operator with control board and mechanical limit-switches for sliding gates weighing up to 3,500 kg and measuring 23 m in length.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 2037.36



CAME SAFE

THE INDUSTRY'S NUMBER 1 GATE SAFETY COURSE

With over 10 years of training behind us, and over 1000 accredited installers, CAMESafe is still the number 1 course when it comes to offering all you need to know about gate safety.

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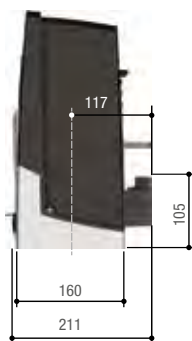
CAME



Ideal solution for residential sliding gates

- Enables compliance with the current regulations regarding impact forces.
- Automation with control by encoder.
- Can operate in emergency mode during power outages.
- Testing of safety circuits for CAT 2 safety products.
- Electronic board, with separate terminal block and dip switch settings for selecting the functions. Storage for up to 25 different users.
- Integrated rolling code programming.
- Possibility of connecting wired key pads from the CAME range using the R800 accessory.

Dimensions (mm)



Operational limits

MODELS	801MS-0140
Max. length of leaf (m)	10
Max. weight of leaf (kg)	400

Technical characteristics

MODELS	801MS-0140
Protection rating (IP)	44
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Absorption (A)	7 MAX
Power (W)	170
Duty/cycle (%)	50%
Thrust (N)	350
Operating temperature (°C)	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Complete operators with 24 V DC gearmotor		
801MS-0140	BXL04AGS - Automation with 24 V motor, complete with electronic board with dip switch settings, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 10 m in length. RAL7024 grey cover.	£ 432.00
Accessories		
001 RGP1	Green Power module.	£ 52.48
001 R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
Accessories		
002 RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Racks		
009 CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	£ 20.80
009 CGZP	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.	£ 19.76
009 CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	£ 22.88



EASY RELEASE!

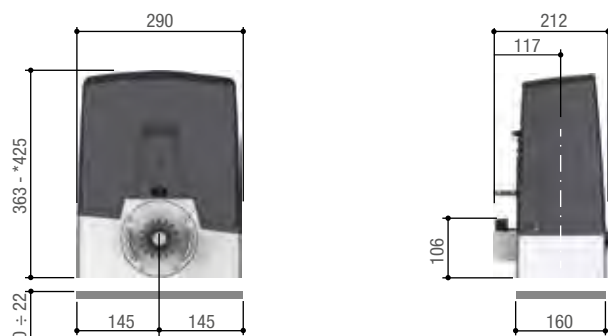
In the event of an emergency or a power failure, the key release is readily accessible and easy to use.

A handy lever, allows the release of the gear motor for the manual opening of the gate.

Ideal solution for connected sliding gates in homes and apartment blocks



Dimensions (mm)



* 801MS-0170 - 801MS-0200 - 801MS-0220 - 801MS-0240

- 4 motors, all with encoder control also available in the Rapid and High version.
- The 400 and 600 kg versions comply with current standards on impact forces.
- Can operate in emergency mode during power outages.
- Can retrofit magnetic limit-switches and heater for extreme weather conditions.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Radio programming Rolling code and integrated Key Code (Twin).
- Management of the Rio series wireless security accessories using the dedicated plug-in accessory.
- Testing of safety circuits for CAT 2 safety products – whether wireless or not.
- Devices developed for connection to the cloud, via CAME Connect.
- Used to directly manage CAME key pads using the R800 accessory or connect CAME transponder selectors using the R700 accessory.
- Connection used with the RSE accessory.

Battery types

MODEL	BATTERY TYPE (not supplied)	MODEL	BATTERY TYPE (not supplied)
801MS-0150	2 x 12 V - 1.3 Ah	801MS-0210	2 x 12 V - 1.3 Ah
801MS-0170	2 x 12 V - 5 Ah	801MS-0220	2 x 12 V - 5 Ah
801MS-0160	2 x 12 V - 5 Ah	801MS-0230	2 x 12 V - 1.3 Ah
801MS-0180	2 x 12 V - 1.3 Ah	801MS-0240	2 x 12 V - 5 Ah
801MS-0200	2 x 12 V - 5 Ah	801MS-0250	2 x 12 V - 5 Ah
801MS-0190	2 x 12 V - 5 Ah		

Technical characteristics

MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0170	801MS-0200	801MS-0220	801MS-0240
Protection rating (IP)	44	44	44	44	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	7 MAX	11 MAX	16 MAX	16 MAX	7 MAX	11 MAX	16 MAX	16 MAX
Power (W)	170	270	400	400	170	270	400	400
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Thrust (N)	350	600	800	1000	350	600	800	1000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
MODELS	801MS-0160	801MS-0190	801MS-0250	801MS-0260	801MS-0270	801MS-0280	801MS-0290	
Protection rating (IP)	44	44	44	44	44	44	44	
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	110 AC	110 AC	110 AC	110 AC	
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	
Absorption (A)	10 MAX	10 MAX	16 MAX	7 MAX	11 MAX	16 MAX	16 MAX	
Power (W)	240	240	360	170	270	400	400	
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	
Thrust (N)	250	330	450	350	600	800	1000	
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	

Code	Description	Price (Excl. VAT)
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Complete operators with 24 V DC gearmotors - Standard Version

801MS-0150	BXV04AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover.	£ 445.69
801MS-0180	BXV06AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover.	£ 535.29
801MS-0210	BXV08AGS - Automation with 24 V engine, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 800 kg and 20 m in length. RAL7024 grey cover.	£ 624.79
801MS-0230	BXV10AGS - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7024 grey cover.	£ 677.89



Complete automation with 24 V DC geared motor - Tall Version

801MS-0170	BXV04AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover (Tall cover version for increased battery capacity up to 2 x 5Ah batteries).	£ 467.37
801MS-0200	BXV06AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover (Tall cover version for increased battery capacity up to 2 x 5Ah batteries).	£ 560.79
801MS-0220	BXV08AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 800 kg and 20 m in length. RAL7024 grey cover (Tall cover version for increased battery capacity up to 2 x 5Ah batteries).	£ 659.17
801MS-0240	BXV10AGT - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7024 grey cover (Tall cover version for increased battery capacity up to 2 x 5Ah batteries).	£ 718.20



Complete automation with 24 V DC gear motor - Rapid Tall Version

801MS-0160	BXV04AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 400 kg and 14 m in length. RAL7024 grey cover (Rapid Tall Version with a maximum speed of 22m/min).	£ 472.24
801MS-0190	BXV06AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 600 kg and 18 m in length. RAL7024 grey cover (Rapid Tall Version with a maximum speed of 20m/min).	£ 585.43
801MS-0250	BXV10AGF - Automation with 24 V motor, complete with electronic board with display, built-in radio remote programming, speed control and obstacle detection for gates up to 1000 kg and 20 m in length. RAL7030 grey cover (Rapid Tall Version with a maximum speed of 20m/min).	£ 756.60



WHY NOT UPGRADE TO MAGNETIC LIMIT SWITCHES?

By adding a magnetic limit switch kit you can finely adjust the opening and closing stopping points of your automated sliding gate. Simply add a **001RSDN002** kit.

Operational limits

MODELS	801MS-0150	801MS-0180	801MS-0210	801MS-0230	801MS-0170	801MS-0200	801MS-0220	801MS-0240
Max. length of leaf (m)	14	18	20	20	14	18	20	20
Max. weight of leaf (kg)	400	600	800	1000	400	600	800	1000
MODELS	801MS-0160	801MS-0190	801MS-0250	801MS-0260	801MS-0270	801MS-0280	801MS-0290	
Max. length of leaf (m)	14	18	20	8,5	8,5	8,5	8,5	
Max. weight of leaf (kg)	400	600	1000	300	300	300	300	

● 24 V DC

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories for: 001RSDN001		
001 H3000	Case with customized key, plus pull-cord handle and control button. Cord length L = 5 m.	£ 100.88
Accessories		
001 RSDN001	Pull-cord release device for operators.	£ 13.52
001 RSDN002	Magnetic limit-switch system for operators.	£ 91.52
001 RSDN003	Heating system for operators.	£ 158.08
001 RGP1	Green Power module.	£ 52.48
001 R700	Programming board and access control management when used with transponder	£ 44.72
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
BAT2PK	2x 1.2ah Batteries.	£52.00
Accessories		
002 RLB	Circuit board for emergency operation and battery charging.	£ 72.80
Racks		
009 CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	£ 20.80
009 CGZP	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.	£ 19.76
009 CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	£ 22.88



Prices for complete BXV Kits (with control panels, activation and safety accessories included) can be found on page 97.



WE CONNECT. YOU CONTROL.

The connection to the cloud changes the way of using automation. This technology revolutionizes lifestyles, ensuring comfort and safety. CAME Connect puts all of our products on line and allows you to manage and control them from any mobile device such as smartphones and tablets. Download CAME AUTOMATION APP from Google Play or App Store



EASY RELEASE!

In the event of an emergency or a power failure, the key release is readily accessible and easy to use. A convenient handle allows for releasing of the gear motor for manual opening of the gate.



TOP SERIES

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New materials, shapes and colours. We have 24 new transmitter models for you, all with double-frequency technology.

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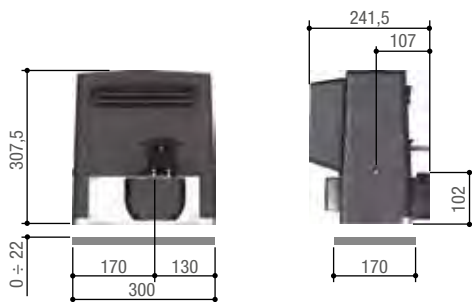




Ideal for fitting onto sliding gates

- Operate gates up to 400 and 800 kg, all encoder controlled.
- Can fit magnetic limit-switches.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Radio programming Rolling code and integrated Key Code (Twin).
- The safety inputs can be configured to directly control the 8k2Q resistive sensitive-safety edges.
- Management of the Rio series wireless security accessories using the dedicated plug-in accessory.
- Testing of safety circuits for CAT 2 safety products – whether wireless or not.
- Devices developed for connection to the cloud, via CAME Connect.
- Used to directly manage CAME key pads using the R800 accessory or connect CAME transponder selectors using the R700 accessory.

Dimensions (mm)



801MS-0020
801MS-0030

Operational limits

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

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 50/60 Hz	230 AC 50/60 Hz
Absorption (A)	2,6	2,4
Power (W)	200	300
Maneuvering speed (m/min)	-	-
Duty/cycle (%)	30	30
Thrust (N)	300	800
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150

Code	Description	Price (Excl. VAT)
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Operators with 230 V AC gearmotor, tested in compliance with regulatory standards EN 12453 – 12445.

801MS-0020



BX704AGS - Automation complete with electronic board with programming display, built-in radio remote programming, speed control and obstacle detection and mechanical limit switches for sliding gates up to **400 kg** and max. **14 m** in length.

£ 478.07



Complete operators with 230 V AC gearmotor

801MS-0030



BX708AGS - Automation complete with electronic board with programming display, built-in radio remote programming, speed control control and obstacle detection and mechanical limit switches for sliding gates up to **800 kg** and **14 m** in length

£ 512.66



**WE CONNECT.
YOU CONTROL.**

The connection to the cloud changes the way of using automation. This technology revolutionizes lifestyles, ensuring comfort and safety. CAME Connect puts all of our products on line and allows you to manage and control them from any mobile device such as smartphones and tablets. Download CAME AUTOMATION APP from Google Play or App Store



THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories		
001 RGP1	Green Power module.	£ 52.48
001 R001	Lock cylinder with DIN key.	£ 20.80
001 B4337	Chain drive device.	£ 221.52
009 CCT	Simple 1/2" chain.	£ 18.50
009 CGIU	Joint for 1/2" chain.	£ 2.73
001 R700	Programming board and access control management when used with transponder	£ 44.72
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
BAT2PK	2x 1.2ah Batteries.	£52.00
Racks		
009 CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	£ 20.80
009 CGZP	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.	£ 19.76
009 CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	£ 22.88





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CAME 

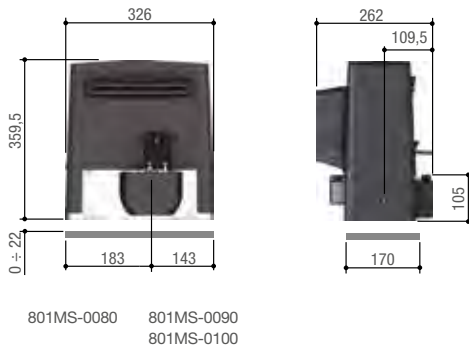




Ideal solution for applying to sliding gates for busy venues or industrial entrances

- A complete, flexible and safe range to meet different needs, from industrial to heavy-duty operating conditions.
- Module 4 or 6 pinions for constantly smooth, linear transmission of movement to the rack.
- Can fit magnetic limit-switches.
- Electronic board, with separate terminal blocks and display, to facilitate start-up and diagnosis phases. Storing for up to 250 different users.
- Radio programming Rolling code and integrated Key Code (Twin).
- The safety inputs can be configured to directly control the 8k2Ω resistive sensitive-safety edges.
- Management of the Rio series wireless security accessories using the dedicated plug-in accessory.
- Testing of safety circuits for CAT 2 safety products – whether wireless or not.
- Devices developed for connection to the cloud, via CAME Connect.
- Used to directly manage CAME key pads using the R800 accessory or connect CAME transponder selectors using the R700 accessory.

Dimensions (mm)



Technical characteristics

MODELS	801MS-0080	801MS-0090	801MS-0100
Protection rating (IP)	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz
Absorption (A)	3,3	4,2	5,1
Power (W)	380	480	580
Maneuvering speed (m/min)	10,5	10,5	10,5
Duty/cycle (%)	50	50	50
Thrust (N)	850	1150	1500
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150

Operational limits

MODELS	801MS-0080	801MS-0090	801MS-0100
Max. length of leaf (m)	20	20	20
Max. weight of leaf (kg)	1200	1800	2200

NOTES: To activate the release device of item 001BK-1200P, plug in a radio-frequency circuit board of the same series as the one used for the radio controlling the operator.

Code	Description	Price (Excl. VAT)
Complete operators with 230 V C gearmotor		
801MS-0080 	BKS12AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 1200 kg and 20 m in length.	£ 605.79
801MS-0090 	BKS18AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 1800 kg and 20 m in length.	£ 692.71
801MS-0100 	BKS22AGS - Automation complete with electronic board with programming display, built-in radio remote programming and mechanical limit switches for sliding gates up to 2200 kg and 20 m in length.	£ 751.25
230 - 400 V AC three-phase gearmotors		
801MS-0130 	BKS22TGS - Gearmotor for sliding gates weighing up to 2,200 kg that are up to 23-m long.	£ 622.78
230 - 400 V AC three-phase control panels		
002ZT6 	Control panel with self-diagnosing safety-devices.	£ 305.76
002ZT6C 	Control panel with safety stop and buttons, plus self-diagnosing safety-devices.	£ 406.64
Accessories for: 801MS-0070 - 801MS-0080 - 801MS-0090 - 801MS-0100 - 801MS-0110		
001RSDN002	Magnetic limit-switch system for operators.	£ 91.52



WHY NOT UPGRADE TO MAGNETIC LIMIT SWITCHES?

By adding a magnetic limit switch kit you can finely adjust the opening and closing stopping points of your automated sliding gate. Simply add a **001RSDN002** kit.

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories for: 801MS-0080 - 801MS-0090 - 801MS-0100		
001 RSDN002	Magnetic limit-switch system for operators.	£ 91.52
Accessories		
001 R001	Lock cylinder with DIN key.	£ 20.80
001 B4353	Chain drive device.	£ 221.52
009 CCT	Simple 1/2" chain.	£ 18.50
009 CGIU	Joint for 1/2" chain.	£ 2.73
001 RGP1	Green Power module.	£ 52.48
001 R700	Programming board and access control management when used with transponder	£ 44.72
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
Racks		
009 CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	£ 20.80
009 CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	£ 22.88
009 CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	£ 45.76



WE CONNECT. YOU CONTROL.

The connection to the cloud changes the way of using automation. This technology revolutionizes lifestyles, ensuring comfort and safety. CAME Connect puts all of our products on line and allows you to manage and control them from any mobile device such as smartphones and tablets. Download CAME AUTOMATION APP from Google Play or App Store



Prices for complete BK Kits (with control panels, activation and safety accessories included) can be found on page 105.



MTM GSM

**THE NEW
RANGE OF
MODULAR GSM
ENTRY PANELS**

Available in standard and vandal resistant finishes, the new MTM GSM is changing the rules of GSM entry panels.

Visit bpt.co.uk for further details



CAME  BPT

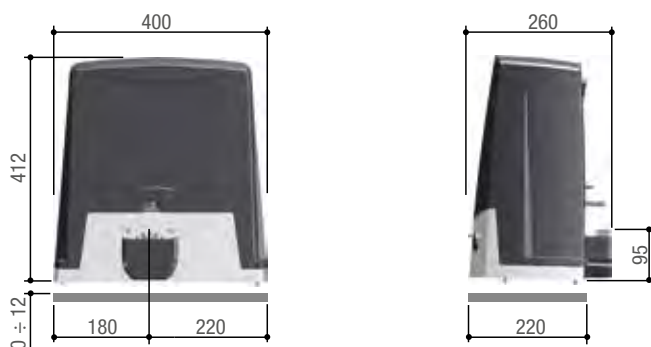
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High-performance solution, ideal for large sliding and industrial gates in continuous duty conditions.

- Range designed for high-performance and functionality in complete safety, for a variety of uses, including industrial, and continuous duty.
- All BKV motors feature the new "Adaptive Torque Technology" to ensure lasting, smooth, constant speed during movement.
- Control board, with separate terminal blocks and graphical display, for simpler installing and diagnosing. Can store up to 250 users.
- Four safety inputs which can be configured to directly manage the (8k2Ω) resistive sensitive safety-edges.
- Set up to run CAME KEY and to connect to the cloud via CAME Connect.
- New quick-release lever for emergencies.
- On-board Rolling Code and (Twin) Key Code radio-frequency decoding.
- It manages RIO System 2.0 wireless safety accessories via the 806SS-0040 accessory.
- The R800 accessory lets you directly manage CAME keypads, while the R700 lets you connect CAME transponder selectors.

Dimensions (mm)



Operational limits

MODELS	801MS-0350	801MS-0360	801MS-0370
Max. length of leaf (m)	20	20	20
Max. weight of leaf (kg)	1500	2000	2500

Technical characteristics

MODELS	801MS-0350	801MS-0360	801MS-0370
Protection rating (IP)	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC
Power supply to motor (V)	36 DC	36 DC	36 DC
Absorption (A)	8	9	10
Manouvering speed (m/min)	12	12	12
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Power (W)	200	250	300
Thrust (N)	800	900	1000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
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Complete operators with 36 V DC geared motor - Plus version (with magnetic limit-switches and clock)

801MS-0350	BKV15AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, module 4 pinion magnetic limit-switches and clock accessory included, for gates up to 1500 kg in weight and 20 m in length.	£ 973.00
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801MS-0360	BKV20AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, module 4 pinion magnetic limit-switches and clock accessory included, for gates up to 2000 kg in weight and 20 m in length.	£ 1043.00
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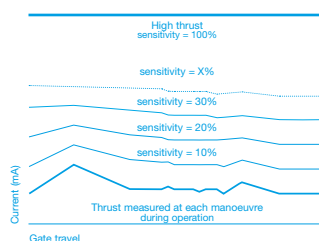
801MS-0370	BKV25AGE - Plus High-performance operator with 36 V motor, featuring a control board with graphical display, Adaptive Speed & Torque Technology, four safety inputs, module 6 pinion , magnetic limit-switches and clock accessory included, for gates up to 2500 kg in weight and 20 m in length.	£ 1153.00
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MAIN FEATURES OF BKV



36V OF DC POWER



ADAPTIVE TORQUE



FULL GRAPHICAL DISPLAY



**DIRECT DRIVE ROBUST
MANUAL RELEASE SYSTEM**



**CLOCK FUNCTION ON
BOARD PROGRAMMING**



CAME KEY COMPATIBLE



**ADVANCED FEATURE PACKED
CONTROL BOARD**



**4 PROGRAMMABLE
SAFETY INPUTS**



CAME CONNECT COMPATIBLE



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 TECHNOLOGY, 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	Price (Excl. VAT)
Accessories		
806SA-0090	Circuit board for emergency operation and battery charging.	£ 82.00
Accessories		
801XC-0120	Chain drive device.	£ 185.00
801XC-0130	Adapter plate for first-series BK operators.	£ 79.00
001 R001	Lock cylinder with DIN key.	£ 20.80
009 CCT	Simple 1/2" chain.	£ 18.50
009 CGIU	Joint for 1/2" chain.	£ 2.73
001 RGP1	Green Power module.	£ 52.48
001 R700	Card for decoding and access control with transponder.	£ 44.72
001 R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	£ 24.96
806SA-0120	Control card for timer function-control.	£ 24.00
001 RSDN002	Magnetic limit-switch system for operators.	£ 91.52
Racks		
009 CGZ	Module 4 rack made of 22 x 22 mm galvanized steel.	£ 20.80
009 CGZS	Module 4 rack made of 30 x 8 mm galvanized steel with fastening holes and distancers.	£ 22.88
009 CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	£ 45.76





SEL BT

THE NEW WIRELESS BLUETOOTH SELECTORS

Easy to configure and install,
SEL BT allows bluetooth proximity
activation within 30m range

Go to page 254 for further details

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BY-3500T

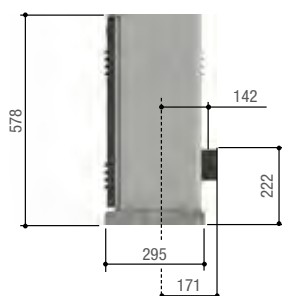
Up to 3500 kg



Ideal for fitting onto very large gates

- Can also control a courtesy lamp for lighting up the drive way.
- Sturdy mechanics to ensure exceptional performance.
- Testing of safety circuits for CAT 2 safety products.
- Three-phase power supply to ensure greater thrust.

Dimensions (mm)



Operational limits

MODELS	BY-3500T
Max. length of leaf (m)	23
Max. weight of leaf (kg)	3500

Technical characteristics

MODELS	BY-3500T
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230-400 V AC THREE PHASE
Power supply to motor (V)	230-400 V AC THREE PHASE
Absorption (A)	2
Power (W)	750
Maneuvering speed (m/min)	10,5
Duty/cycle (%)	50
Thrust (N)	3500
Operating temperature (°C)	-20 ÷ +55
Motor's heat protection (°C)	150

● 230 – 400 V AC THREE PHASE

Code	Description	Price (Excl. VAT)
Three-phase 230 – 400 V AC operators		
001 BY-3500T	Operator with control board and mechanical limit-switches for sliding gates weighing up to 3,500 kg and measuring 23 m in length.	£ 1892.80
Racks		
009 CGZ6	Galvanized rack module 6 in 30 x 30 laminated steel.	£ 45.76





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

The ones in bold type are important for choosing which operator to install and should be assessed from the start.

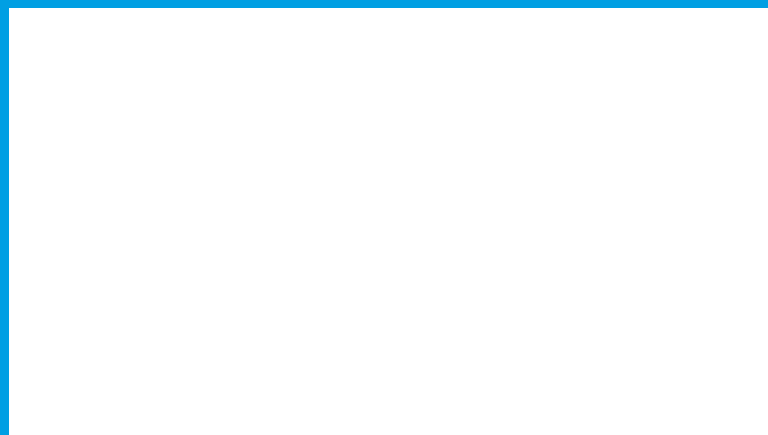
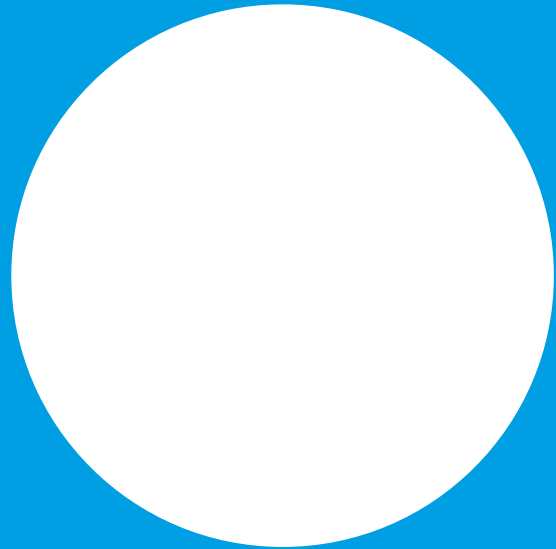
Models / Series	BKV	BX	BK	BXL	BXV	BY-3500T
Control board / Control panel	ZN8	ZBX7N	ZBKN	ZN6	ZN7	ZT6
Safety						
SELF-DIAGNOSING safety devices	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●		●	●
Obstruction WAIT	●	●	●	●	●	
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	●	●	●	●	●	●
Characteristics						
FLASHING LIGHT connection	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●		●	●
COURTESY LIGHT connection	●		●			●
Antenna connection	●	●	●	●	●	●
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	●	●	●		●	
TRAVEL and SLOW DOWN SPEEDS adjustable	●	●		●	●	
DISPLAY	●	●	●		●	
Electronic brake		●	●			●
SELF-LEARNING opening and closing limit-switches	●	●		●	●	
Connection to the solar panel					●	
CAME Connect	●	●	●		●	
Designed to fit RIO System 2.0	●	●	●		●	
CRP control	●	●	●		●	
ENERGY SAVINGS control (001RGP1)	●	●	●	●	●	

● 120 - 230 V AC ● 24 - 36 V DC ● 230 - 400 V AC THREE PHASE

NOTES

* For 001BX-74 - 001BX-78, only slow-down speed.

AUTOMATIC BARRIERS



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COMPLETE KITS

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Guide to choosing

Automatic street barriers

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

Series	Model	Max. net clearance width (m)
GARD	G2500	2,5
GARD 3	G3000DX / SX	2,75
GARD 3	G3000IDX / SX	2,75
GARD 3250	G3250	3,25
GARD	G3750	3,75
GARD	G3751	3,75
GARD 4	G4040Z	3,75
GARD 4	G4040IZ	3,75
GARD 4	G4040E	3,75
GARD 4	G4040EZ	3,75
GARD 4	G4040EZT	3,75
GARD 4	G4040IE	3,75
*GARD PT Brushless	803BB-0070	3,8
*GARD PX Brushless	803BB-0120	3,8
GARD	G4000	4
GARD 5000	G5000	5
GARD	G6000	6
GARD	G6500	5,6
GARD	G6501	5,6
GARD 8	G2080Z	7,6
GARD 8	G2080IZ	7,6
GARD 8	G2080E	7,6
GARD 8	G2080IE	7,6
GARD 8	G2080EZT	7,6
GARD 8	G2080EZO	7,6
GARD 12	G12000K	12

● 230 V AC ● 24 - 36 V DC

*CONTINUOUS DUTY



SINGLE BARRIERS FOR A SINGLE HOME

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.

The flashing light: For extra safety!

The GARD 4 and GARD 8 barriers are ready to fit dome flashing-light to warn when the boom is moving, to ensure greater safety when using the passage way.




GARD4-ST

GARD

Complete G4000 barrier standard kit, with tubular barrier arm, for road widths of up to **4 m**



Code	Description	Quantity
001 G4000	Barrier in galvanised and powder coated steel. Fitted to take accessories. Includes balancing springs & ZL38 Control Board	1
001 G0402	Tubular boom in white painted aluminum. Ø 60 mm, boom length: 4.2 m.	1
001 G0405	Fitting for G0402 bar	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1
001 DOC-LN	Black anodized aluminum post. H = 500 mm.	1



Price (Excl. VAT)



£ 1383.78

GARD4-DX

GARD

Complete G3750 barrier deluxe kit, with tubular barrier arm, for road widths of up to **3.75 m**



Code	Description	Quantity
001 G3750 	Galvanized, powder coated steel and set up for fitting accessories. Includes balancing springs & ZL38 Control Board	1
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	1
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	1
001 G028401	LED luminous cord.	9 m
001 G028402	Cable for connecting the luminous cord.	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1



Price (Excl. VAT)

£ 1638.08

NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
G3750 and G4000 technical specification & operational limits can be found on page 155.

GARD5-ST

GARD 5000

Complete G5000 barrier standard kit, with tubular barrier arm, for road widths of up to **5 m**



CAME

Code	Description	Quantity
001 G5000 	Barrier with encoder made of galvanized powder coated steel ready to fit accessories. The barrier includes balancing springs (two item 001G04060). Includes ZL39EX Control Board	1
001 G0502	White powder coated aluminum tube-section boom. Ø 100 mm, boom length: 5.35 m.	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1
Price (Excl. VAT)		£ 1738.18



GARD5-DX

GARD 5000

Complete G5000 barrier deluxe kit, with tubular barrier arm, for road widths of up to **5 m**



Code	Description	Quantity
001 G5000 	Barrier with encoder made of galvanized powder coated steel ready to fit accessories. The barrier includes balancing springs (two item 001G04060). Includes ZL39EX Control Board	1
001 G05350	White powder coated aluminum tube-section boom with rubber groove-covering profile. Ø 100 mm, boom length: 5.35 m.	1
001 G028401	LED luminous cord.	12m
001 G028402	Cable for connecting the luminous cord.	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1
Price (Excl. VAT)		£ 1889.87



NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
G5000 technical specification & operational limits can be found on page 160.

GARD6-ST

GARD

Complete G6000 barrier standard kit, with tubular barrier arm, for road widths of up to **6 m**



Code	Description	Quantity
001 G6000 	Galvanized, powder coated steel and set up for fitting accessories. Includes balancing springs & ZL38 Control Board	1
001 G0602C	Tubular boom in white painted aluminum. Ø 100 mm, boom length: 6m. *Boom pre-cut to 6m for ease of delivery*	1
001 G0605	Fitting for G0602 bar	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1

Price (Excl. VAT)

£ 1860.49



GARD6-DX

GARD

Complete G6500 barrier deluxe kit, with tubular barrier arm, for road widths of up to **6 m**



Code	Description	Quantity
001 G6500 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	1
001 G06000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 6 m.	1
001 G06802	Essential for passage clearances of over 4 m.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	2
001 G02807	Fixed rest.	1
001 G028401	LED luminous cord.	15m
001 G028402	Cable for connecting the luminous cord.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1

Price (Excl. VAT)

£ 2106.19



NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
G6000 and G6500 technical specification & operational limits can be found on page 156 and 157.



GARD3-ST

GARD 3250

Complete G3250 barrier standard kit, with tubular barrier arm, for road widths of up to **3 m**



CAME 

Code	Description	Quantity
001 G3250 	Galvanized, powder coated steel and set up for fitting accessories. Includes balancing springs & ZL38 Control Board	1
001 G03250K	Semi-elliptical section in white painted aluminum, complete with hollow profile profile, anti-impact rubber profile, internal reinforcement, and adhesive red reflective strips. Length of boom: 3.5 m.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1
001 DOC-LN	Black anodized aluminum post. H = 500 mm.	1
Price (Excl. VAT)		£ 1297.30





GARD3-DX

GARD 3250

Complete G3250 barrier deluxe kit, with tubular barrier arm, for road widths of up to **3 m**



Code	Description	Quantity
001 G3250 	Galvanized, powder coated steel and set up for fitting accessories. Includes balancing springs & ZL38 Control Board	1
001 G03250	Semi-elliptical section in white painted aluminum, complete with hollow covering profile, anti-impact rubber profile, internal reinforcement, luminous cord, connecting cable and adhesive reflective red strips. Length of boom: 3.5 m.	1
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	1
001 DOC-LN	Black anodized aluminum post. H = 500 mm.	1
Price (Excl. VAT)		£ 1400.23

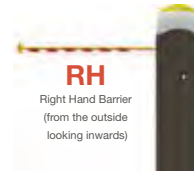




NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
G3250 technical specification & operational limits can be found on page 164.

G3-DX Right Hand

GARD 3

Rapid version Gard3 barrier kit for road widths of up to 2.75 m



Code	Description	Quantity
001 G3000DX 	Right hand (DX) barrier in galvanised steel with provision for accessories. Includes ZL30 Control Board	1
001 G03001	Semi-elliptical section in white painted aluminum, complete with hollow covering profile and anti-impact rubber profile, luminous cord, connecting cable and adhesive reflective red strips. Length of boom: 3 m.	1
001 G03003	Semi-elliptical boom flange, complete with internal reinforcement, cover plate and cap.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	1
001 G02807	Fixed rest.	1
001 G02801	Integrated, dome flashing light.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1



Price (Excl. VAT)

£ 2242.47



NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
GARD 3 technical specification & operational limits can be found on page 162.

G3-SX Left Hand

GARD 3

Rapid version Gard3 barrier kit for road widths of up to **2.75 m**



Code	Description	Quantity
001 G3000SX 	Left hand (SX) barrier in galvanised steel with provision for accessories. Includes ZL30 Control Board	1
001 G03001	Semi-elliptical section in white painted aluminum, complete with hollow covering profile and anti-impact rubber profile, luminous cord, connecting cable and adhesive reflective red strips. Length of boom: 3 m.	1
001 G03003	Semi-elliptical boom flange, complete with internal reinforcement, cover plate and cap.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	1
001 G02807	Fixed rest.	1
001 G02801	Integrated, dome flashing light.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1














Price (Excl. VAT)

£ 2242.47

NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
GARD 3 technical specification & operational limits can be found on page 162.



Code	Description	Quantity
803BB-0070     	GPT40AGS - Automatic barrier with reversible geared motor and brushless motor; painted aluminum cabinet. Includes ZLB30A Control Board MCBF > 2 million cycles	1
803XA-0051C 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 2.5 m. *Boom pre-cut to 2.5m*	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0150 	Red/green LED strip for booms up to 3 m long.	1
803XA-0010 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 2256.44



Code	Description	Quantity
803BB-0070 	GPT40AGS - Automatic barrier with reversible geared motor and brushless motor; painted aluminum cabinet. Includes ZLB30A Control Board MCBF > 2 million cycles	1
803XA-0051 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3m.	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
803XA-0070 	Balancing springs assembly.	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0150 	Red/green LED strip for booms up to 3 m long.	1
803XA-0010 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 2411.42



Code	Description	Quantity
803BB-0070 	GPT40AGS - Automatic barrier with reversible geared motor and brushless motor; painted aluminum cabinet. Includes ZLB30A Control Board MCBF > 2 million cycles	1
803XA-0050 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 4m.	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
803XA-0070 	Balancing springs assembly.	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0020 	Red/green LED strips for booms up to 4 m long.	1
803XA-0010 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 2460.59













GARDPX2.5

GARD Brushless

Deluxe Gard PX Brushless barrier kit for road widths of up to 2.5m



CAME

Code	Description	Quantity
803BB-0120      	GPX40MGS - Automatic barrier with irreversible geared motor and brushless motor; painted steel cabinet. Includes ZLB30B Control Board MCBF > 5 million cycles	1
803XA-0051C 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 2.5 m. *Boom pre-cut to 2.5m*	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0150 	Red/green LED strip for booms up to 3 m long.	1
803XA-0140 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 3294.26

NOTE: This kit will incur a £50 net carriage charge. Delivery directly from CAME UK.
GARD PX technical specification & operational limits can be found on page 170.



Code	Description	Quantity
803BB-0120 	GPX40MGS - Automatic barrier with irreversible geared motor and brushless motor; painted steel cabinet. Includes ZLB30B Control Board MCBF > 5 million cycles	1
803XA-0051 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3m.	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0150 	Red/green LED strip for booms up to 3 m long.	1
803XA-0140 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 3279.03



Code	Description	Quantity
803BB-0120 	GPX40MGS - Automatic barrier with irreversible geared motor and brushless motor; painted steel cabinet. Includes ZLB30B Control Board MCBF > 5 million cycles	1
803XA-0050 	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	1
803XA-0110 	Inner reinforcement for semi-oval boom; mandatory for gross clearances exceeding 2.5 m.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	1
001 G02807	Fixed rest.	1
803XA-0030 	Electric lock.	1
803XA-0020 	Red/green LED strips for booms up to 4 m long.	1
803XA-0140 	LED Luminous crown.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)



£ 3328.20

G4-ST

GARD 4

Standard Gard4 barrier kit for road widths of up to 3.75 m



Code	Description	Quantity
001 G4040Z 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	1
001 G03752	White painted semi-oval section boom, with groove covering profile. Boom length: 4 m.	1
001 G06080	Balancing spring Ø 55 mm.	1
001 G03753	Fastening flange for semi-oval section boom.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 DIR-LN	Black anodized aluminum post. H = 500 mm.	1

Price (Excl. VAT)

£ 1568.08





G4-DX

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

GARD 4

Deluxe Gard4 barrier kit for road widths of up to 3.75 m with encoder



Code	Description	Quantity
001 G4040EZ 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39EX Control Board	1
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	1
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	1
001 G028401	LED luminous cord.	9m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1

Price (Excl. VAT)

£ 1888.14





Code	Description	Quantity
001 G4040EZT 	Powder coated galvanized-steel barrier with encoder ready to fit accessories, with boom-position signalling via 1 A max - 24 V DC clean contacts. Includes super high duty bronze gear > 1 Million MCBF. Includes ZL39EX Control Board	1
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	1
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	1
001 G028401	LED luminous cord.	9m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	1
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1
Price (Excl. VAT)		£ 2076.23



G6-ST

GARD 8

Standard Gard8 barrier kit for road widths of up to **5.6 m**



Code	Description	Quantity
001 G2080Z 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	1
001 G06000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 6 m.	1
001 G06802	Inner reinforcement section, mandatory for passage clearances of over 4 m.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1

Price (Excl. VAT)

£ 1903.73



G6-DX

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

GARD 8

Deluxe Gard8 barrier kit for road widths of up to **5.6 m**



Code	Description	Quantity
001 G2080EZC 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39EX Control Board	1
001 G06000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 6 m.	1
001 G06802	Inner reinforcement section, mandatory for passage clearances of over 4 m.	1
001 G028401	LED luminous cord.	13m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1

Price (Excl. VAT)

£ 2251.79



Super high duty Gard8 barrier kit for road widths of up to 5.6 m with encoder



Code	Description	Quantity
001 G2080EZT 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes super high duty bronze gear > 1 Million MCBF. Includes ZL39EX Control Board	1
001 G06000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 6 m.	1
001 G06802	Essential for passage clearances of over 4 m.	1
001 G028401	LED luminous cord.	13m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G04060	Balancing spring Ø 50 mm. (GREEN)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1
Price (Excl. VAT)		£ 2325.46



G8-ST

GARD 8

Standard Gard8 barrier kit for road widths of up to **7.6 m**



Code	Description	Quantity
001 G2080Z 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	1
001 G04000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 4 m.	2
001 G06803	Boom joint, with inner reinforcement.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



Price (Excl. VAT)

£ 2031.40

G8-DX

CAMECONNECT
CLOUD COMPATIBLE CONTROL SYSTEM

GARD 8

Deluxe Gard8 barrier kit for road widths of up to **7.6 m** with encoder



Code	Description	Quantity
001 G2080EZC 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39EX Control Board	1
001 G04000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 4 m.	2
001 G06803	Boom joint, with inner reinforcement.	1
001 G028401	LED luminous cord.	17m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1



Price (Excl. VAT)

£ 2412.41

Super high duty Gard8 barrier kit for road widths of up to **7.6 m** with encoder



Code	Description	Quantity
001 G2080EZT 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes super high duty bronze gear > 1 Million MCBF. Includes ZL39EX Control Board	1
001 G04000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 4 m.	2
001 G06803	Boom joint, with inner reinforcement.	1
001 G028401	LED luminous cord.	17m
001 G028402	Cable for connecting the luminous cord.	1
001 G02801	Integrated, dome flashing light.	1
001 G06080	Balancing spring Ø 55 mm. (RED)	2
001 G02807	Fixed rest.	1
001 G02809	Package of 20 red, reflective, adhesive strips.	2
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 G02802	Support for fitting DIR-series photocells.	1



Price (Excl. VAT)

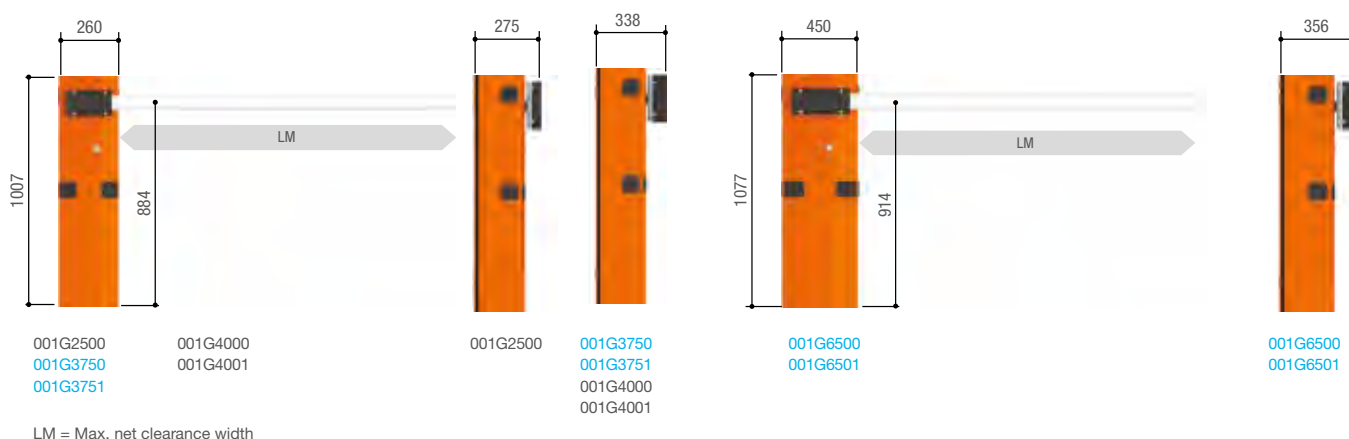
£ 2486.08



Ideal solution for medium and large passages for residential and industrial use

- Ideal for private or public parking.
- The model for widths up to 2.5 m is available at 230 V AC, while models for widths up to 3.75 m (G3750 and G3751) and up to 6.5 m (G6500 and G6501) are 24 VDC .
- Also available in AISI 304 steel.
- It can be installed either to the right or to the left and the mounting operations are simple and quick.
- A truly complete range of accessories allows you to customise your installation to ensure safety and ease of use.
- The special joint allows the barrier to be installed even when the height would not allow the opening of the boom, as in the underground parking garages.
- RAL 2004 finish.

Dimensions (mm)



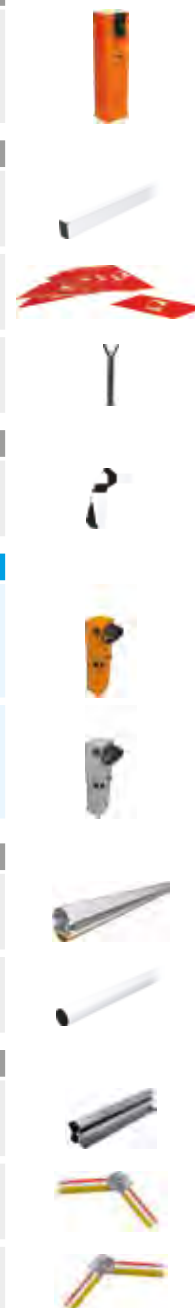
Operational limits

MODELS	G2500	G3750	G3751	G6500	G6501	G4000	G4001	G6000	G6001
Max. net clearance width (m)	2,5	3,75	3,75	6,5	6,5	3,75	3,75	6,5	6,5

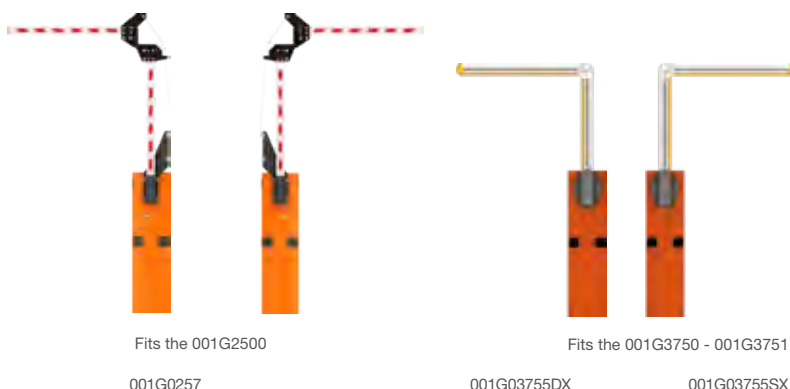
Technical characteristics

MODELS	G2500	G3750	G3751	G6500	G6501	G4000	G4001	G6000	G6001
Protection rating (IP)	54	54	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	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	1	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.
Power (W)	120	300	300	300	300	300	300	300	300
Opening time at 90° (s)	4	2 ÷ 6	2 ÷ 6	4 ÷ 8	4 ÷ 8	2 ÷ 6	2 ÷ 6	4 ÷ 8	4 ÷ 8
Duty/cycle (%)	30	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	70	200	200	600	600	200	200	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	-	-	-	-	-	-	-	-





Code	Description	Price (Excl. VAT)
Barriers with 230 V AC motor and built-in control panel		
001 G2500	Galvanized, powder coated steel and set up for fitting accessories. Includes balancing spring & ZC5 Control Board	£ 941.20
Required accessories for: 001G2500		
001 G0251	White painted aluminum boom with cap. Section 60 x 40 x 2700 mm.	£ 48.88
001 G0461	Package of 24 red, reflective, adhesive strips.	£ 19.76
001 G02807	Fixed rest.	£ 80.08
Accessories for: 001G0251		
001 G0257	Joint.	£ 188.24
Barriers with 24 V DC gearmotor and built-in control panel		
001 G3750	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	£ 1167.90
001 G3751	Barrier made is satin-coated AISI 304 stainless steel, set up for fitting accessories. Includes ZL38 Control Board	£ 1760.12
Accessories for: 001G3750 - 001G3751		
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	£ 152.88
001 G0402	Tubular boom in white painted aluminum. Ø 60 mm, boom length: 4.2 m.	£ 68.64
Accessories for: 001G03750		
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	£ 12.48
001 G03755DX	Joint for semi-oval section boom for right-hand barriers.	£ 270.40
001 G03755SX	Joint for semi-oval section boom for left-hand barriers.	£ 270.40






Applications



THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G4000 	Barrier in galvanised and powder coated steel. Fitted to take accessories. Includes balacing spring ZL38 Control Board	£1,174.16
001 G4001 	Barrier in AISI 304 satin-finished steel. Fitted to take accessories. Includes balacing spring ZL38 Control Board	£1,666.08
Accessories for: 001G4000 - 001G4001		
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	£ 152.88
001 G0402	Tubular boom in white painted aluminum. Ø 60 mm, boom length: 4.2 m.	£ 68.64
Accessories for: 001G4000		
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	£ 12.48
001 G03755DX	Joint for semi-oval section boom for right-hand barriers.	£ 270.40
001 G03755SX	Joint for semi-oval section boom for left-hand barriers.	£ 270.40
Barriers with 24 V DC gearmotor and built-in control panel		
001 G6000 	Barrier in galvanised and powder coated steel. Fitted to take accessories. Includes ZL38 Control Board	£1,470.56
001 G6001 	Barrier in AISI 304 satin-finished steel. Fitted to take accessories. Includes ZL38 Control Board	£2,255.76
Accessories for: 001G6000 - 001G6001		
001 G0602	Tubular boom in white painted aluminum. Ø 100 mm, boom length: 6.85 m.	£ 174.72
001 G06850	Tubular section in white painted aluminum, complete with hollow rubber covering profile. Ø 100 mm, rod length: 6.85 m.	£ 248.56



Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G6500 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	£ 1423.39
001 G6501 	Barrier made is satin-coated AISI 304 stainless steel, set up for fitting accessories. Includes ZL38 Control Board	£ 2352.43
Accessories for: 001G6500 - 001G6501		
001 G0602C	Tubular boom in white painted aluminum. Ø 100 mm, boom length: 6m. *Boom pre-cut to 6m for ease of delivery*	£ 192.20
001 G0602	Tubular boom in white painted aluminum. Ø 100 mm, boom length: 6.85 m. *Incurs a carriage cost of £100 or available for collection*	£ 174.72
001 G06850	Tubular section in white painted aluminum, complete with hollow rubber covering profile. Ø 100 mm, rod length: 6.85 m. *Incurs a carriage cost of £100 or available for collection*	£ 248.56
Accessories for: 001G03750 - 001G06850		
001 G028401	LED luminous cord.	£ 8.32 per metre
001 G028402	Cable for connecting the luminous cord.	£ 10.40
Accessories for: 001G06850		
001 G06802	Inner reinforcement section, mandatory for passage clearances of over 4 m.	£ 15.60
Accessories for: 001G3750 - 001G3751 - 001G6500 - 001G6501		
002 LB38 	Circuit board for emergency operation and battery charging.	£ 49.92
Balancing springs		
001 G02040	Balancing spring Ø 40 mm. (YELLOW)	£ 46.80
001 G04060	Balancing spring Ø 50 mm. (GREEN)	£ 59.28
001 G06080	Balancing spring Ø 55 mm. (RED)	£ 70.72

NOTES:

002LB38 - No. 3 12V - 7Ah batteries not supplied, 001G3750, 001G3751, 001G6500 and 001G6501 are provided with internal housing.



THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories		
001 G0465	Powder coated aluminum skirt (modules L = 2 m).	£ 138.32
001 G02807	Fixed rest.	£ 80.08
001 G02808	Swing rest.	£ 76.96
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88
001 G0468	Support for application on DELTA-I and DELTA-SI photocell cabinets.	£ 19.76
001 G04601	Adapter for the Kiaro series flashing light application (KIAROS support is required).	£ 10.40
BAT3PK	3x 7ah Batteries.	£73.00



001G3750 - 001G3751

Guide for selecting springs for boom 001G0402

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm			
	LATERAL CLEARANCE WIDTH (m)			
BOOM COMPOSITION	1,5 ÷ 2	2 ÷ 2,5	2,5 ÷ 3,5	3,5 ÷ 3,75
Boom Only	●	●	●	●
Boom with rack 001G0465 or mobile stand 001G02808	●	●	●	●
Boom with rack 001G0465 or mobile stand 001G02808	●	●		

001G3750 - 001G3751

Guide to choosing springs for the 001G03750 boom

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm					
	LATERAL CLEARANCE WIDTH (m)					
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,25	3,25 ÷ 3,5	3,5 ÷ 3,75
Boom Only (with shock-resistant profile)	●	●	●	●	●	●
Boom with shock-resistant profile and 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 skirt	●	●	●	●	●	
Boom with 001G028401 luminous cord and 001G0465 skirt	●	●	●	●	●	
Boom with anti-schock profile and 001G02808 swing rest.	●	●	●	●		
Boom with anti-schock profile, 001G028401 luminous cord and 001G02808 swing rest.	●	●	●	●		

001G6500 - 001G6501

Guide to the choice of springs for boom 001G06850

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm									
	LATERAL CLEARANCE WIDTH (m)									
BOOM COMPOSITION	2 ÷ 2,5	2,5 ÷ 3	3 ÷ 3,5	3,5 ÷ 4	4 ÷ 4,5	4,5 ÷ 5	5 ÷ 5,5	5,5 ÷ 6	6 ÷ 6,5	
Boom Only	●	●	●	●	●	●	●	●	●	
Boom with 001G02808 swing rest	●	●	●	●	●	●	●	●	●	●
Boom with 001G028401 luminous cord	●	●	●	●	●	●	●	●	●	●
Boom with 001G02808 swing rest and 001G028401 luminous cord	●	●	●	●	●	●	●	●	●	●
Boom with 001G0465 skirt	●	●	●	●	●	●	●	●	●	●
Boom with 001G0465 skirt and 001G028401 luminous cord	●	●	●	●	●	●	●	●	●	●

WARNING! DO NOT EXCEED THE STATED OPERATING LIMITS

001G02808 For lateral clearance up to 3 m (for: 001G3750 - 001G3751) and up to max. 5 m (for: 001G6500 - 001G6501).

001G02808 For lateral clearance up to 3 m (for: 001G3750 - 001G3751) and up to max. 5 m (for: 001G6500 - 001G6501 - 001G4010 - 001G6010).

001G03756 This reinforcement is OBLIGATORY in the following cases:

- As long as the boom is fitted with the 001G028401 luminous cord.
- For passage clearances exceeding 2.5 m, with 001G02808 swing rest or with 001G0465 skirt
- For passage clearances exceeding 3 m.

001G02807 Fixed support to be used OBLIGATORY for openings greater than 3 m. 001G0465 - 001G02808 Can not be used together.

GARD 5000

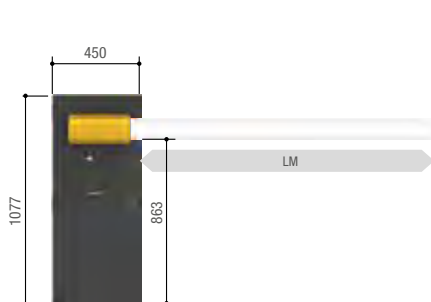
Net clearance width of up to 5 m



Specific solution for intensive duty access points

- Linear design barrier, perfectly integrated with any type of application, built in robust steel.
- Both the flashing light and photocells can be installed directly on the cabinet to guarantee safety and durability over time.
- A 24 V DC-powered motor with encoder is the ideal solution to guarantee those high-volume passages.
- Control board with display designed to connect to the Cloud via CAME Connect.
- Compatible with CAME KEY.

Dimensions (mm)



LM = Max. net clearance width






Operational limits

MODELS	G5000
Max. net clearance width (m)	5

Technical characteristics

MODELS	G5000
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)	200
Opening time at 90° (s)	4 ÷ 8
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	600
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G5000	Barrier with encoder made of galvanized powder coated steel ready to fit accessories. The barrier includes balancing springs (two item 001G04060). Includes ZL39EX Control Board	£ 1442.33
   		
Accessories for: 001G5000		
001 G0502	White powder coated aluminum tube-section boom. Ø 100 mm, boom length: 5.35 m.	£ 148.05
001 G05350	White powder coated aluminum tube-section boom with rubber groove-covering profile. Ø 100 mm, boom length: 5.35 m.	£ 191.04
Accessories for: 001G05350		
001 G028401	LED luminous cord.	£ 8.32 per metre
001 G028402	Cable for connecting the luminous cord.	£ 10.40
Accessories for: 001G5000		
002 LB39	Circuit board for emergency operation and battery charging.	£ 49.92
		
Accessories		
001 R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
001 R700	Programming board and access control management when used with transponder	£ 44.72
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
001 G0468	Support for application on DELTA-I and DELTA-SI photocell cabinets.	£ 19.76
001 G04601	Adapter for the Kiaro series flashing light application (KIAROS support is required).	£ 10.40
001 G0465	Powder coated aluminum skirt (modules L = 2 m).	£ 138.32
001 G02807	Fixed rest.	£ 80.08
001 G02808	Swing rest.	£ 76.96
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88
BAT3PK	3x 7ah Batteries.	£73.00



GARD 3

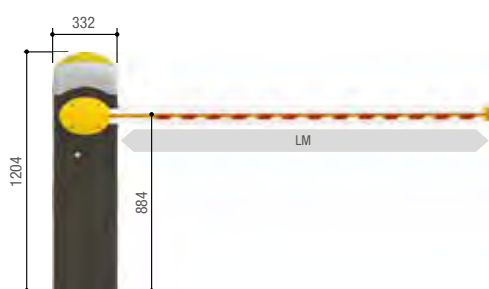
Net clearance width of up to 2.75 m



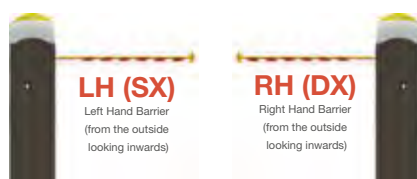
Ideal for intensive duty entry and exit points.

- A barrier of modern design, where aesthetics are perfectly integrated with every kind of application.
- The dome built-in flashing light guarantees long-lasting safety and durability, while photocells can be integrated directly into the barrier cabinet.
- Protective cover, in tubular version.
- G03002, guarantees maximum safety when the boom is in motion.
- 24 V DC gearmotor is the ideal solution to ensure the intensive use of the entrance.
- Available with special hook-up accessories for use in applications where maximum safety is required.

Dimensions (mm)



LM = Max. net clearance width



001G03000 - 001G03006

001G03006 - Basic breakaway boom attachment. Only for semi-elliptical boom 001G03001.



001G03005

001G03005 - Breakway boom attachment plus. Only for semi-elliptical boom 001G03001.

001G03000 - Base hinged gate attachment. Only for tubular boom 001G03002.

Operational limits

MODELS	G3000DX	G3000SX	G3000IDX	G3000ISX
Max. net clearance width (m)	2,75	2,75	2,75	2,75

Technical characteristics

MODELS	G3000DX	G3000SX	G3000IDX	G3000ISX
Protection rating (IP)	54	54	54	54
Power supply (V - 50/60 Hz)	120 - 230 AC	120 - 230 AC	120 - 230 AC	120 - 230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300	300
Opening time at 90° (s)	0,9	0,9	0,9	0,9
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	200	200	200	200
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G3000DX 	Right hand barrier in galvanised steel with provision for accessories. Includes ZL30 Control Board	£ 1784.64
001 G3000SX 	Left hand barrier in galvanised steel with provision for accessories. Includes ZL30 Control Board	£ 1784.64
001 G3000IDX 	Right hand barrier in AISI 304 stainless steel with provision for accessories. Includes ZL30 Control Board	£ 2649.92
001 G3000ISX 	Left hand barrier in AISI 304 stainless steel with provision for accessories. Includes ZL30 Control Board	£ 2649.92
Required accessories		
001 G03001	Semi-elliptical section in white painted aluminum, complete with hollow covering profile and anti-impact rubber profile, luminous cord, connecting cable and adhesive reflective red strips. Length of boom: 3 m.	£ 172.64
001 G03002	Tubular section in white painted aluminum, complete with red adhesive reflective strips. Length of boom: 3 m.	£ 81.12
Required accessories for: 001G03001		
001 G04060	Balancing spring Ø 50 mm.	£ 59.28
001 G03003	Semi-elliptical boom flange, complete with internal reinforcement, cover plate and cap.	£ 69.68
Required accessories for: 001G03002		
001 G02040	Balancing spring Ø 40 mm.	£ 46.80
001 G03004	Round boom flange, complete with cover plate and cap.	£ 60.32
Accessories for: 001G03001 (excludes the use of 001G02807)		
001 G03006	Basic detachable boom attachment	£ 455.52
001 G03005	Plus detachable boom attachment	£ 646.88
Accessories for: 001G03002 (excludes the use of 001G02807)		
001 G03000	Detaching boom fastener.	£ 302.64
Accessories		
001 G02801	Integrated, dome flashing light.	£ 37.44
001 G02802	Support for fitting DIR-series photocells.	£ 12.48
001 G02807	Fixed rest.	£ 80.08
BAT3PK	3x 7ah Batteries.	£73.00



GARD 3250

Net clearance width of up to 3.25 m

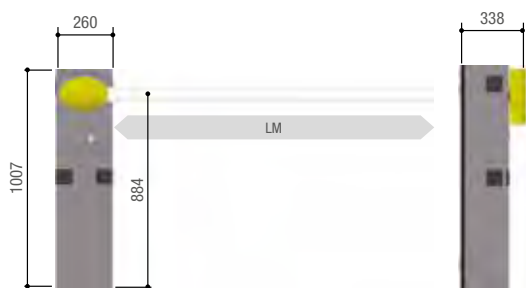


Specific solution for intensive use car parks

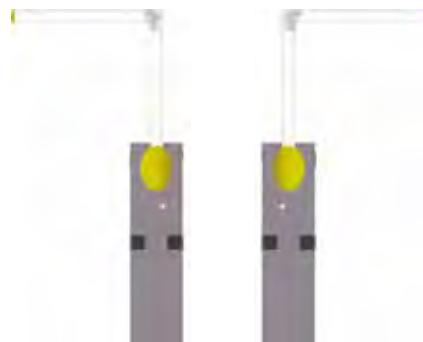
- Linear design barrier, perfectly integrated with any type of application, built in robust steel.
- Both the flashing light and photocells can be installed directly on the cabinet to guarantee safety and durability over time.
- The protective cover guarantees maximum safety during the boom movement phases.
- 24 V DC power supply is the ideal solution to ensure the intensive use of the entrance



Dimensions (mm)



LM = Max. net clearance width



001G03755DX

001G03755DX



Operational limits

MODELS	G3250
Max. net clearance width (m)	3,25

Technical characteristics

MODELS	G3250
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)	2 ÷ 6
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	200
Operating temperature (°C)	-20 ÷ +55

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G3250 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	£ 1079.52
Accessories		
001 G03250	Semi-elliptical section in white painted aluminum, complete with hollow covering profile, anti-impact rubber profile, internal reinforcement, luminous cord, connecting cable and adhesive reflective red strips. Length of boom: 3.5 m.	£ 232.93
001 G03250K	Semi-elliptical section in white painted aluminum, complete with hollow profile profile, anti-impact rubber profile, internal reinforcement, and adhesive red reflective strips. Length of boom: 3.5 m.	£ 128.96
001 G0468	Support for application on DELTA-I and DELTA-SI photocell cabinets.	£ 19.76
001 G04601	Adapter for the Kiaro series flashing light application (KIAROS support is required).	£ 10.40
Accessories for: 001G03250K		
001 G03755DX	Joint for semi-oval section boom for right-hand barriers.	£ 270.40
001 G03755SX	Joint for semi-oval section boom for left-hand barriers.	£ 270.40
Accessories for: 001G3250		
002 LB38 	Circuit board for emergency operation and battery charging.	£ 49.92



GARD PT Brushless

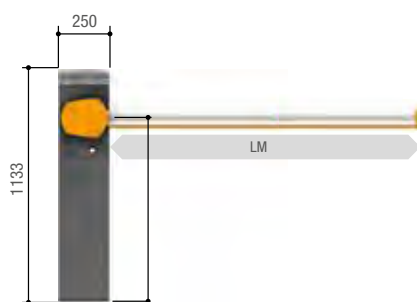
Net clearance width of up to 3,8 m



The ideal solution for passage ways with heavy transit flows

- **36V DC**
- A modernly designed barrier, with perfectly blended aesthetics and perfection for any application.
- Painted aluminum cabinet with red/green signaling luminous crown on the top.
- Highly performing brushless motor and extremely silent.
- Control board with display designed to connect to the Cloud via CAME Connect.
- Accessory for detachable boom to use in high traffic-volume conditions.
- It can work in either paired mode or alternating mode via the RSE card.
- Compatible with CAME KEY.
- **MCBF > 2 million cycles**

Dimensions (mm)



LM = Max. net clearance width



803XA-0180












Operational limits

MODELS	803BB-0070
Max. net clearance width (m)	3,8

Technical characteristics

MODELS	803BB-0070
Protection rating (IP)	44
Power supply (V - 50/60 Hz)	230 AC 50/60Hz
Power supply to motor (V)	36 DC
Absorption (A)	1.5 (230 V AC)
Power (W)	350
Opening time at 90° (s)	1.2" ÷ 4"
Duty/cycle (%)	CONTINUOUS DUTY (with springs and boom up to 3.8 m) - INTENSIVE DUTY (without springs and with boom up to 2.5 m)
Operating temperature (°C)	-20 ÷ +55

● 36 V DC

Code	Description	Price (Excl. VAT)
Barriers with Brushless motor and built-in control panel		
803BB-0070      	GPT40AGS - Automatic barrier with reversible geared motor and brushless motor; painted aluminum cabinet. Includes ZLB30A Control Board MCBF > 2 million cycles	£ 1596.52
Mandatory accessories for: 803BB-0070		
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4050 mm.	£ 183.40
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3050 mm.	£ 143.30
803XA-0051C 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 2.5 m. *Boom pre-cut to 2.5m*	£ 158.66
Accessories for: 803BB-0070		
002RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	£ 24.96
001R700	Card for decoding and access control with transponder.	£ 44.72
001R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
Accessories for: 803XA-0050 - 803XA-0051		
803XA-0020	Red/green LED strips for booms up to 4-m long.	£ 114.62
803XA-0150 	Red/green LED strip for booms up to 3 m long.	£ 105.00
803XA-0160 	Red/green LED strip for booms up to 2 m long.	£ 86.00
803XA-0040	Detachable boom attachment.	£ 262.83
803XA-0180 	Joint for the 90 x 35 mm boom.	£ 382.00
803XA-0190 	Kit for connecting the boom joint LED strip.	£ 62.00



LUMINOUS BOOM, MAXIMUM SAFETY

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

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories		
803XA-0010	LED Luminous crown.	£ 63.04
803XA-0030	Electric lock.	£ 194.54
803XA-0070	Balancing springs assembly.	£ 171.93
803XA-0080	Auxiliary contacts assembly.	£ 45.53
001 G02807	Fixed rest.	£ 80.08
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88
Accessories		
806SA-0080	Control card kit for operating during power outages and for recharging batteries, with battery housing.	£ 86.92



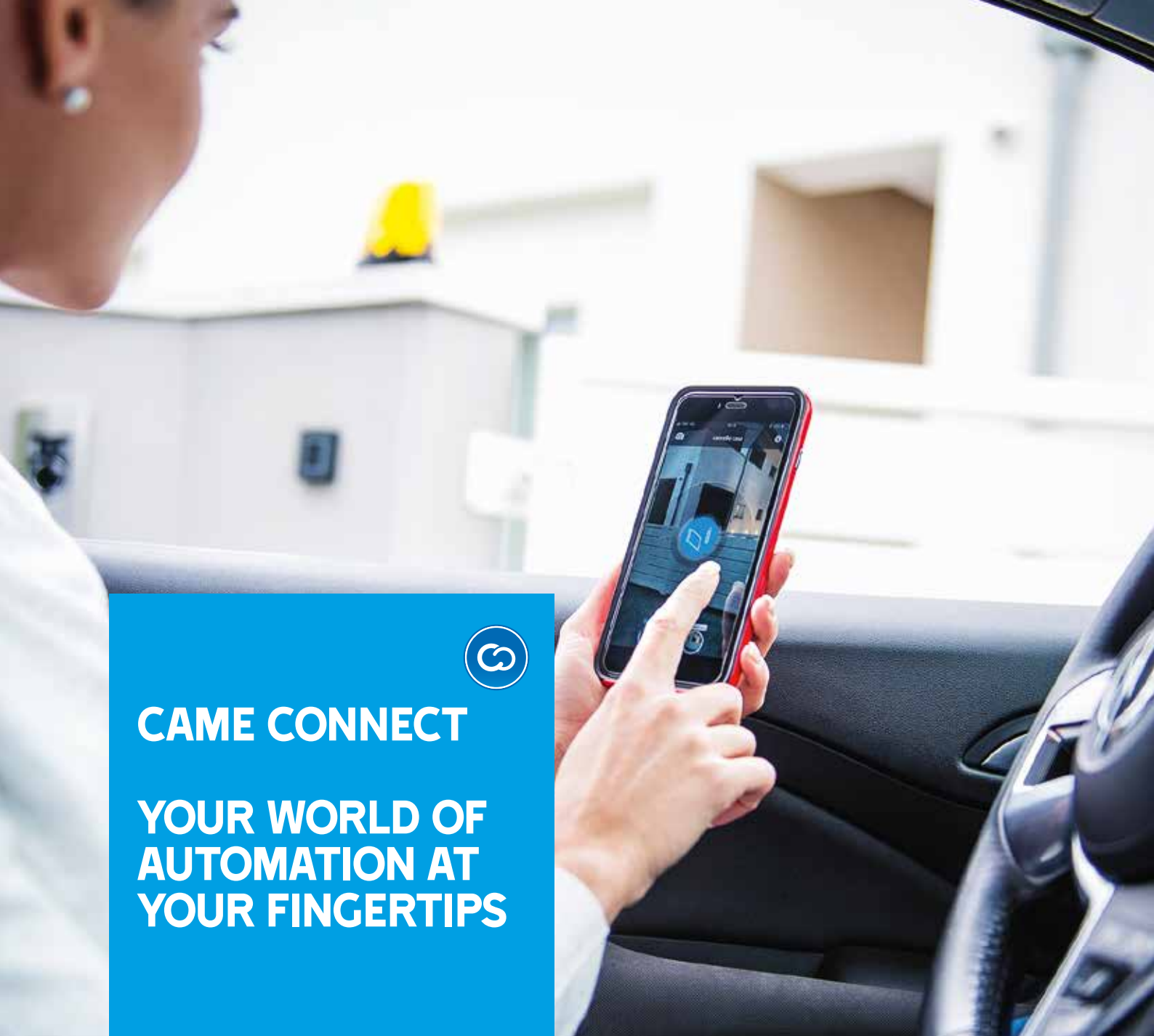
Prices for complete GARD PT BRUSHLESS kits (with barrier arm and accessories included can be found on page 142.

Guide to choosing the springs for the 803XA-0050 boom

MAXIMUM NET CLEARANCE WIDTH	OPENING TIME	DUTY TYPE	803XA-0070 SPRING ASSEMBLY
< 2,5	1,2 - 2,5	INTENSIVE	-
2,5 - 2,7	1,2 - 2,5	CONTINUOUS	YES
2,5 - 3,8*	2,5 - 4	CONTINUOUS	YES

WARNING! DO NOT EXCEED THE STATED OPERATING LIMITS

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



CAME CONNECT

YOUR WORLD OF AUTOMATION AT YOUR FINGERTIPS

Cloud based technology to help you manage your automation systems wherever you are in the world, from your smart phone, tablet or PC.

Go to page 232 to find out more.

CAME 



GARD PX Brushless

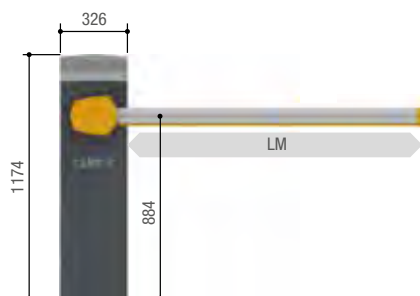
Net clearance width of up to 3,8 m



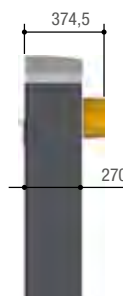
Specific solution for very intensive duty cycles

- **36V DC**
- A sturdy barrier with modern design features, in which the aesthetics blend perfectly into any setting.
- Painted steel cabinet with red/green signaling crown on the top.
- Highly performing brushless motor and extremely silent.
- Control board with graphical display, set up to connect to the cloud via CAME Connect.
- Accessory for detachable boom to use in high traffic-volume conditions.
- It can work in either paired mode or alternating mode via the RSE card.
- A jointed hinge is available for installing when headroom is limited.
- Compatible with CAME KEY.
- **MCBF > 5 million cycles**

Dimensions (mm)



LM = Max. net clearance width



803XA-0180

Operational limits












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

Technical characteristics

MODELS	803BB-0120
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	100 AC ÷ 230 AC
Power supply to motor (V)	36 DC
Power (W)	220
Opening time at 90° (s)	1,2 ÷ 2,4
Duty/cycle (%)	CONTINUOUS SERVICE
Operating temperature (°C)	-20* ÷ +55

*-40 °C with additional heating system 803XA-0210

● 36 V DC

Code	Description	Price (Excl. VAT)
Barriers with Brushless motor and built-in control panel		
803BB-0120      	GPX40MGS - Automatic barrier with irreversible geared motor and brushless motor; painted steel cabinet. Includes ZLB30B Control Board MCBF > 5 million cycles	£ 2572.00
Mandatory accessories for: 803BB-0120		
803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4050 mm.	£ 183.40
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3050 mm.	£ 143.30
803XA-0051C 	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 2.5 m. *Boom pre-cut to 2.5m*	£ 158.66
Accessories for 803BB-0120		
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.	£ 24.96
001 R700	Card for decoding and access control with transponder.	£ 44.72
001 R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
Accessories for: 803XA-0050 - 803XA-0051		
803XA-0020	Red/green LED strips for booms up to 4-m long.	£ 114.62
803XA-0150 	Red/green LED strip for booms up to 3 m long.	£ 105.00
803XA-0160 	Red/green LED strip for booms up to 2 m long.	£ 86.00
803XA-0170	Detachable boom attachment.	£ 262.83
803XA-0180 	Joint for the 90 x 35 mm boom.	£ 382.00
803XA-0190 	Kit for connecting the boom joint LED strip.	£ 62.00
Accessories		
803XA-0140 	Luminous crown.	£ 76.50
803XA-0200 	Auxiliary contacts assembly.	£ 52.00
001 G02807	Fixed rest.	£ 80.08
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88



THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Balancing springs		
001 G02040	Balancing spring Ø 40 mm. (YELLOW)	£ 46.80
001 G04060	Balancing spring Ø 50 mm. (GREEN)	£ 59.28
001 G06080	Balancing spring Ø 55 mm. (RED)	£ 70.72
Accessories		
806SA-0100	Control card kit for operating during power outages and for recharging batteries, with battery housing.	£ 129.50
Special accessories		
803XA-0210	Heating system for GARD PX.	£ 83.00



Prices for complete GARD PT BRUSHLESS kits (with barrier arm and accessories included) can be found on page 145.

Guided choice of springs for the 803XA-0050 - 803XA-0051 boom.

MODELS	LATERAL CLEARANCE WIDTH (m)			
	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,75
BOOM COMPOSITION				
SPRING FASTENING HOLE	A	B	A	B
Boom with shock-resistant fender	●	●	●	●
Boom with shock-proof profile and LED strip	●	●	●	●



FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.

The A and B spring fastening points refer to the above table (Guided choice of springs for the 803XA-0050 - 803XA-0051 boom).



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.



SEL BT

THE NEW WIRELESS BLUETOOTH SELECTORS

Easy to configure and install,
SEL BT allows bluetooth proximity
activation within 30m range

Go to page 254 for further details

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GARD 4

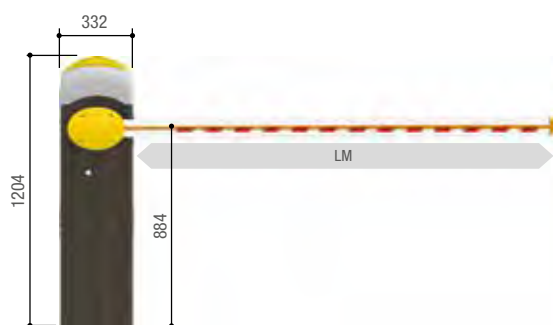
Net clearance width of up to 3.75 m



Ideal for intensive duty entry and exit points.

- A stylishly modern barrier with aesthetics that blend into any setting.
- The LED dome flashing light is durable and provides safety, while the photocells can be integrated into the cabinet.
- The protective case protects the boom movement against possible shearing while opening and closing.
- The 24 V DC power supply is the best choice for heavy duty service conditions.
- It can work in either paired or alternate mode, with the RSE card (for G4040E - G4040IE - 4040EZT barriers).
- The G4040EZ and G4040EZT models are set up for connecting to the cloud via CAME Connect as well as for using CAME KEY.

Dimensions (mm)



LM = Max. net clearance width



Applications



G04002

PLUS, detaching, boom fastener. After impact, the detached boom turns 90° and the end rests onto the ground.



G04003

BASIC, detaching, boom fastener. After impact, the end of the detached boom rests onto the ground.

Operational limits

MODELS	G4040Z	G4040IZ	G4040E	G4040IE	G4040EZT	G4140IZ	001G4140ZU	001G4140Z
Max. net clearance width (m)	3,75	3,75	3,75	3,75	3,75	3,75	3,75	3,75

Technical characteristics

MODELS	G4040Z	G4040IZ	G4040E	G4040IE	G4040EZT	G4140IZ	001G4140ZU	001G4140Z
Protection rating (IP)	54	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	120 AC	120 AC	120 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300	300	300	300	300	300
Opening time at 90° (s)	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*	2 ÷ 6*
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	600	600	600	600	600	600	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

* The speed must be adjusted to the boom's dimensions

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G4040Z 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	£ 1287.52
001 G4040E 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39 Control Board	£ 1320.15
001 G4040EZ 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. CAME Connect compatible. Includes ZL39EX Control Board	£ 1384.10
001 G4040EZT 	Powder coated galvanized-steel barrier with encoder ready to fit accessories, with boom-position signalling via 1 A max - 24 V DC clean contacts. Includes super high duty bronze gear > 1 Million MCBF. Includes ZL39EX Control Board	£ 1574.08
Barriers with 24 V DC gearmotor and built-in control panel (Stainless Steel Version)		
001 G4040IZ 	Barrier made is satin-coated AISI 304 stainless steel, set up for fitting accessories. Includes ZL38 Control Board	£ 2222.48
001 G4040IE 	Barrier with encoder, made of AISI 304 satin-finish stainless steel, set up to take accessories. Includes ZL39 Control Board	£ 2548.00



WE CONNECT. YOU CONTROL.

Cloud connectivity changes how we experience operators. This technology revamps our lifestyles, to ensure comfort and safety. CAME Connect puts all our products on line and allows you to manage and control them from any mobile device such as smartphones and tablets. Download CAME Automation APP from Google Play or the App Store.



THE FOLDING BOOM





















The special accessory for semi-oval booms lets you fit a barrier even when the clearance would prevent a straight boom from opening, such as in underground parking lots.



MADE OF AISI 304 STEEL

The GARD 4 and GARD 8 barriers are available also made of satin-finish AISI 304 stainless steel, for installing in harsh climates.

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)	
Accessories for: 001G4040Z - 001G4040IZ			
002 LB38	Circuit board for emergency operation and battery charging.	£ 49.92	
Accessories for: 001G4040E - 001G4040IE - 001G4040EZT			
002 LB39	Circuit board for emergency operation and battery charging.	£ 49.92	
Accessories for: 001G4040E - 001G4040IE - 001G4040EZT			
002 RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96	
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92	
001 R700	Programming board and access control management when used with transponder	£ 44.72	
Balancing springs			
001 G02040	Balancing spring Ø 40 mm. (YELLOW)	£ 46.80	
001 G04060	Balancing spring Ø 50 mm. (GREEN)	£ 59.28	
001 G06080	Balancing spring Ø 55 mm. (RED)	£ 70.72	
Accessories			
001 G02801	Integrated, dome flashing light.	£ 37.44	
001 G02802	Support for fitting DIR-series photocells.	£ 12.48	
001 G03751	Support for fitting emergency batteries.	£ 34.32	
001 G03750	Semi-oval boom made of white, painted aluminum, with groove strip and shock-resistant fender. Boom length: 4 m.	£ 152.88	
001 G03752	White painted semi-oval section boom, with groove covering profile. Boom length: 4 m.	£ 106.08	
001 G028401	LED luminous cord.	£ 8.32 per metre	
001 G028402	Cable for connecting the luminous cord.	£ 10.40	
001 G0465	Powder coated aluminum skirt (modules L = 2 m).	£ 138.32	
001 G02807	Fixed rest.	£ 80.08	
001 G02808	Swing rest.	£ 76.96	
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88	
BAT3PK	3x 7ah Batteries.	£73.00	

Prices for complete GARD 4 kits (with barrier arm and accessories included can be found on page 148.

Code	Description	Price (Excl. VAT)
Accessori per: 001G03752		
001 G03753	Fastening flange for semi-oval section boom.	£ 23.92
Accessories for: 001G03750		
001 G03756	Inner reinforcement for semi-oval boom; indispensable for gross clearances exceeding 2.5 m.	£ 12.48
001 G03755DX	Joint for semi-oval section boom for right-hand barriers.	£ 270.40
001 G03755SX	Joint for semi-oval section boom for left-hand barriers.	£ 270.40
001 G04003	BASIC, detaching, boom fastener.	£ 468.00
001 G04002	PLUS, detaching, boom fastener.	£ 665.60



NOTES:

002LB38 - Three 12 V - 7 Ah batteries (not supplied); there is an inner housing in: 001G4040Z - 001G4040IZ

002LB39 - Two 12 V - 7 Ah batteries (not supplied), on the 001G4040E - 001G4040IE - 001G4040EZT there is an inner battery housing.

001G4040Z - 001G4040IZ - 001G4040E - 001G4040IE 001G4040EZT

Guide to choosing springs for the 001G03752 boom.

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm					
	LATERAL CLEARANCE WIDTH (m)					
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,25	3,25 ÷ 3,5	3,5 ÷ 3,75
Boom	●	●	●	●	●	●
Boom with 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 skirt	●	●	●	●	●	
Boom with 001G028401 luminous cord and 001G0465 skirt	●	●	●	●	●	
Boom with 001G02808 swing rest	●	●	●	●		
Boom with 001G028401 luminous cord and 001G02808 swing rest.	●	●	●	●		
MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm					
	LATERAL CLEARANCE WIDTH (m)					
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,25	3,25 ÷ 3,5	3,5 ÷ 3,75
Boom with shock-resistant profile	●	●	●	●	●	●
Boom with shock-resistant profile and 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 skirt	●	●	●	●	●	
Boom with 001G028401 luminous cord and 001G0465 skirt	●	●	●	●	●	
Boom with anti-schock profile and 001G02808 swing rest.	●	●	●	●		
Boom with anti-schock profile, 001G028401 luminous cord and 001G02808 swing rest.	●	●	●	●		

WARNING! DO NOT EXCEED THE STATED OPERATING LIMITS

001G02802 Cannot be used with barriers fitted with 001G0465 skirts or 001G02808 swing rests.

001G02808 For clearance widths of up to max. 3 m.

001G03756 This reinforcement is OBLIGATORY in the following cases:

- As long as the boom is fitted with the 001G028401 luminous cord.
- For passage clearances exceeding 2.5 m, with 001G02808 swing rest or with 001G0465 skirt
- For passage clearances exceeding 3 m.

001G02807 This swing rest is OBLIGATORY for clearance widths of over 3 m.

001G0465 - 001G02808 Cannot be used together.

GARD 8

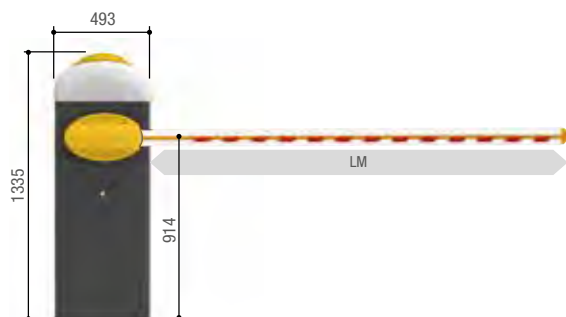
Net clearance width of up to 7,60 m



Ideal for industrial facilities and apartment blocks.

- A modern style, aesthetically pleasing barrier.
- The LED dome flashing light is durable and provides safety, while the photocells can be integrated into the cabinet.
- The protective cover protects the boom movement against possible shearing while opening and closing.
- The 24 V DC power supply is the ideal choice for heavy-duty service.
- Can open in pair or alternate mode, by fitting the RSE control card (for the G2080E and G2080IE barriers).
- The G2080EZC and G2080EZT models are set up for connecting to the cloud via CAME Connect as well as for using CAME KEY.

Dimensions (mm)



LM = Max. net clearance width



Applications



G028011

BASIC, detaching, boom fastener.
After impact, the end of the detached boom rests onto the ground.

Operational limits

MODELS	G2080Z	G2080IZ	G2080E	G2080IE	G2080EZ	G2180ZS	G2180ZU	G2180Z
Max. net clearance width (m)	7,60	7,60	7,60	7,60	7,60	7,60	7,60	7,60

Technical characteristics

MODELS	G2080Z	G2080IZ	G2080E	G2080IE	G2080EZ	G2180ZS	G2180ZU	G2180Z
Protection rating (IP)	54	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	120 AC	120 AC	120 AC
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300	300	300	300	300	300
Opening time at 90° (s)	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*	4 ÷ 8*
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	600	600	600	600	600	600	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

* The speed must be adjusted to the boom's dimensions

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G2080Z 	Galvanized, powder coated steel and set up for fitting accessories. Includes ZL38 Control Board	£ 1368.64
001 G2080E 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39 Control Board	£ 1481.84
001 G2080EZC 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes ZL39EX Control Board	£ 1551.74
001 G2080EZT 	Barrier with encoder, made of painted, galvanized steel and set up to take accessories. Includes super high duty bronze gear > 1 Million MCBF. Includes ZL39EX Control Board	£ 1626.19



Barriers with 24 V DC gearmotor and built-in control panel		
001 G2080IZ 	Barrier made is satin-coated AISI 304 stainless steel, set up for fitting accessories. Includes ZL38 Control Board	£ 2460.64
001 G2080IE 	Barrier with encoder, made of AISI 304 satin-finish stainless steel, set up to take accessories. Includes ZL38 Control Board	£ 2749.88



WE CONNECT. YOU CONTROL.

Cloud connectivity changes how we experience operators. This technology revamps our lifestyles, to ensure comfort and safety. CAME Connect puts all our products on line and allows you to manage and control them from any mobile device such as smartphones and tablets. Download CAME Automation APP from Google Play or the App Store.



DETACHING BOOM FASTENER

An accessory for horizontally opening the barrier in case of any accidental impacts.



MADE OF AISI 304 STEEL

The GARD 4 and GARD 8 barriers are available also made of satin-finish AISI 304 stainless steel, for installing in harsh climates.

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories for: 001G2080Z - 001G2080IZ		
002LB38	Circuit board for emergency operation and battery charging.	£ 49.92
Accessories for: 001G2080E - 001G2080IE - 001G2080EZ		
002LB39	Circuit board for emergency operation and battery charging.	£ 49.92
Accessories for: 001G2080E - 001G2080IE - 0012080EZ		
002RSE	Interface board for the management of two systems or for enabling the CRP protocol.	£ 24.96
001R700	Programming board and access control management when used with transponder	£ 44.72
001R800	Control board for decoding and access-control management via keypad selectors.	£ 23.92
Balancing springs		
001G02040	Balancing spring Ø 40 mm. (YELLOW)	£ 46.80
001G04060	Balancing spring Ø 50 mm. (GREEN)	£ 59.28
001G06080	Balancing spring Ø 55 mm. (RED)	£ 70.72
Accessories		
001G02802	Support for fitting DIR-series photocells.	£ 12.48
001G02805	Rack for housing the emergency batteries.	£ 33.28
001G02000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 2 m.	£ 88.40
001G04000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 4 m.	£ 160.16
001G06000	White painted tube-section aluminum boom, with groove covering profile. Ø 100 mm, boom length: 6 m.	£ 245.44
BAT3PK	3x 7ah Batteries.	£73.00

NOTES:

002LB38 - Three 12 V - 7 Ah batteries (not supplied); there is an inner housing in: 001G2080Z

002LB39 - Two 12 V - 7 Ah batteries (not supplied) on the 001G2080E - 001G2080IE - 001G2080EZ there is an inner battery housing.

001G2080Z - 001G2080IZ - 001G2080E - 001G2080IE 001G2080EZ

Guide to choosing springs for the 001G02000 - 001G04000 – 001G06000 booms

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm ● Springs 001G06080 Ø 55 mm										
	LATERAL CLEARANCE WIDTH (m)										
BOOM COMPOSITION	2 ÷ 2,5	2,5 ÷ 3	3 ÷ 3,5	3,5 ÷ 4	4 ÷ 4,5	4,5 ÷ 5	5 ÷ 5,5	5,5 ÷ 6	6 ÷ 6,5	6,5 ÷ 7	7 ÷ 7,6
Boom	●	●	●	●●	●	●●	●●	●●	●●	●●	●●
Boom with 001G02808 swing rest	●	●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G028401 luminous cord	●	●	●●	●●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G02808 swing rest and 001G028401 luminous cord	●	●●	●●	●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G0465 skirt	●	●	●●	●	●●	●●	●●	●●	●●	●●	●●
Boom with 001G0465 skirt and 001G028401 luminous cord	●	●●	●●	●●	●●	●●	●●	●●	●●	●●	●●

Code	Description	Price (Excl. VAT)
Accessories		
001 G02801	Integrated, dome flashing light.	£ 37.44
001 G028401	LED luminous cord.	£ 8.32 per metre
001 G028402	Cable for connecting the luminous cord.	£ 10.40
001 G0465	Powder coated aluminum skirt (modules L = 2 m).	£ 138.32
001 G02807	Fixed rest.	£ 80.08
001 G02808	Swing rest.	£ 76.96
001 G02809	Package of 20 red, reflective, adhesive strips.	£ 22.88
001 G028011	Detaching boom fastener.	£ 784.16
Accessories for: 001G06000		
001 G06802	Essential for passage clearances of over 4 m.	£ 15.60
Accessories for: 001G04000		
001 G06803	Boom joint, with inner reinforcement.	£ 46.80

**WARNING! DO NOT EXCEED THE STATED OPERATING LIMITS**

001G02802 Cannot be used with barriers fitted with 001G0465 skirts or 001G02808 swing rests.

001G02808 For passage width clearances of up to 7 m max.

001G02807 This swing rest is OBLIGATORY for clearance widths of over 7 m.

001G0465 - 001G02808 Cannot be used together.

GARD 12

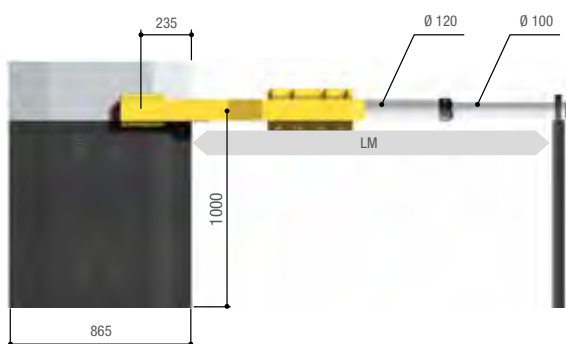
Net clearance width of up to 12 m



Ideal solution for special or exceptional clearance widths

- Two gearmotors installed in the cabinet and fitted along the same axis to provide greater motor torque.
- The boom moves safely and reliably thanks to its special modular, counter-weight, balancing system, depending on the length of the boom.
- A vast range of control and safety accessories for a fully fitted installation.
- The 24 V DC power supply is ideal to ensure optimal control of the boom's movement.

Dimensions (mm)



LM = Max. net clearance width



Operational limits

MODELS	001G12010K	001G12010KS	G12000K
Max. net clearance width (m)	12	12	12

Technical characteristics

MODELS	001G12010K	001G12010KS	G12000K
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	120 AC	120 AC	230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Absorption (A)	15 Max.	15 Max.	15 Max.
Power (W)	300	300	300
Opening time at 90° (s)	10	10	10
Duty/cycle (%)	50	50	50
Torque (Nm)	600	600	600
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 24 V DC

Code	Description	Price (Excl. VAT)
Barriers with 24 V DC gearmotor and built-in control panel		
001 G12000K	Barrier made of painted, galvanized steel. Includes ZL37B Control Board	£ 4060.16
Accessories for: 001G12000K		
002 LB38	Circuit board for emergency operation and battery charging.	£ 49.92
Obligatory accessories for: 001G12000K		
001 G1325	Package of 20 counter-weights.	£ 2061.28
Accessories		
001 G0121	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.	£ 968.24
001 G0461	Package of 24 red, reflective, adhesive strips.	£ 19.76



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



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

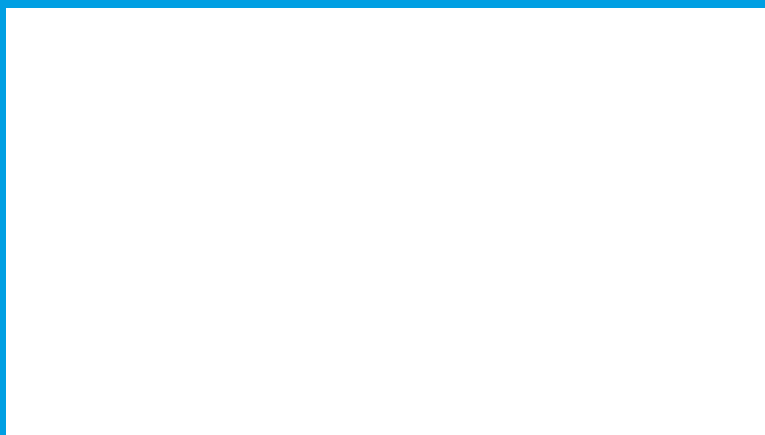
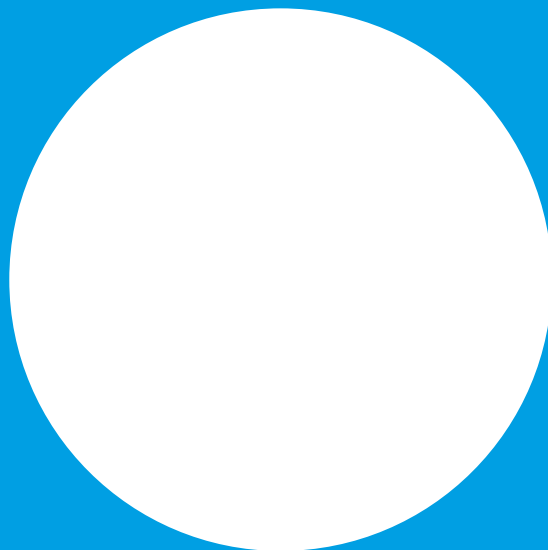
The ones in bold type are important for choosing which operator to install and should be assessed from the start.

	<div><div><div></div><div>24</div><div></div></div></div>		<div><div><div></div><div>36</div><div></div></div></div>				
Models / Series	G4040E G4040IE G2080E G2080IE	G4040EZT G4040EZ G2080EZC G2080EZT G5000	G3750 G3751 G4040Z G4040IZ G2080Z G2080IZ G6500 G6501 G3250	G12000K G12010K G12010KS	G3000DX G3000SX G3000IDX G3000ISX	803BB-0070	803BB-0120
Control board / Control panel	ZL39	ZL39EX	ZL38	ZL37B	ZL30	ZLB30A	ZLB30B
Safety							
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	● *	● *					
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	●	●	●	●	●	●	●
CLOSED ALERT LIGHT connection							
Contact output for 2nd RADIO CHANNEL							
OPERATING TIME adjusting	●	●			●		
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●
Connection for the ELECTRIC LOCK and/or RAMMING						●	●
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs	●	●	●	●	●	●	●
EMERGENCY BATTERY operation (optional)	●	●	●	●		●	●
MASTER-SLAVE	●	●	●			●	●
TRAVEL and SLOW DOWN SPEEDS SPEEDS	●	●	●	●	●	●	●
DISPLAY	●	●			●	●	●
Electronic brake			●				
SELF-LEARNING opening and closng limit-switches	●	●			●	●	●
CAME Connect		●				●	●
Designed to fit RIO System 2.0							
CRP control		●				●	●
ENERGY SAVINGS control (001RGP1)							
Firmware update from USB						●	●
Connection to the solar panel	●	●					

● 120 - 230 V AC ● 24 - 36 V DC

* Only available in paired mode

GARAGE DOORS



CAME.COM

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Guide to choosing

Operators for overhead and sectional doors

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 (m ²)
Series	Model	Maximum traction force (N) / Maximum door surface area (m ²)
VER	801MV-0050	600 / 9
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 a drawing 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.

The flashing light: For extra safety!

CAME suggests the installation of a flashing light to signal the presence of moving mechanical parts

Now the new DADOO models are available, with LED lighting.

Newly shaped, DADOO is light, practical and quick to install.

We have also revamped our KIARO range. It now features LED lighting models that bring you energy savings and longer life.



VER6C-KIT

VER

Complete VER06 garage door motor kit with chain guide



Code	Description	Quantity
801MV-0050 	VER06DES - Automated operator featuring a control board with segmented graphic display, with encoder for sectional and overhead garage doors.	1
001 V0679	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.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£255.00



VER6B-KIT

VER

Complete VER06 garage door motor kit with belt guide



Code	Description	Quantity
801MV-0050 	VER06DES - Automated operator featuring a control board with segmented graphic display, with encoder for sectional and overhead garage doors.	1
001 V0687	Belt guide L = 3.02 m in two pieces, for doors with max. surface of 15 m ² . *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£281.00



VER8C-KIT

VER

Complete VER06 garage door motor kit with chain guide



CAME

Code	Description	Quantity
801MV-0060 	VER08DES - Automated operator featuring a control board with segmented graphic display, with encoder for sectional and overhead garage doors.	1
001 V0679	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.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£279.00



VER8B-KIT

VER

Complete VER06 garage door motor kit with belt guide



Code	Description	Quantity
801MV-0060 	VER08DES - Automated operator featuring a control board with segmented graphic display, with encoder for sectional and overhead garage doors.	1
001 V0687	Belt guide L = 3.02 m in two pieces, for doors with max. surface of 15 m ² . *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£342.00



VER10C-KIT

VER

Complete VER10 garage door motor kit with chain guide



Code	Description	Quantity
801MV-0010	VER10DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors.	1
001 V0679	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.	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£368.37



VER10B-KIT

VER

Complete VER10 garage door motor kit with belt guide



Code	Description	Quantity
801MV-0010	VER10DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors.	1
001 V0687	Belt guide L = 3.02 m in two pieces, for doors with max. surface of 15 m ² . *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	1
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1
Price (Excl. VAT)		£406.67



VER13C-KIT

VER

Complete VER13 garage door motor kit with chain guide



CAME

Code	Description	Quantity
801MV-0020 	VER13DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors.	1
001 V0679	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.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1

Price (Excl. VAT)

£447.05



VER13B-KIT

VER

Complete VER13 garage door motor kit with belt guide



Code	Description	Quantity
801MV-0020 	VER13DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors.	1
001 V0687	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.	1
806TS-0122 	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	1
001 AF43S	Plug-in radio-frequency control card	1

Price (Excl. VAT)

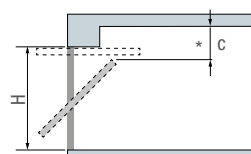
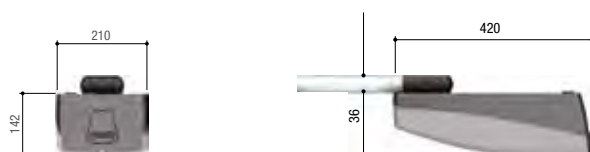
£485.14



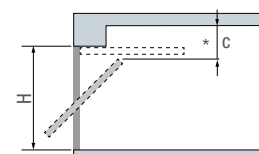
Ideal solution for sectional and overhead doors in single homes.

- The operator is fastened directly onto the drive guide.
- 24 V DC systems to ensure greater safety and reliability.
- Control board with separate terminals for easier cabling. Save up to 250 different users.
- External display buttons for easier start-ups and diagnoses.
- Radio programming Rolling code and integrated Key Code (Twin).
- Management of wireless security accessories for the RIO System 2.0 series
- Can manage CAME keypads via the R800 card or connect transponder selectors via the R700 accessory.
- Silent and reliable, belt or chain drive tracks, plus external pull-cord release to fit onto the door's lock and handle system.
- Tested in compliance with current regulatory standards.
- Devices developed for connection to the cloud, via CAME Connect.
- Can operate in emergency mode during power outages.

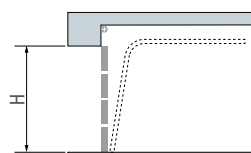
Dimensions (mm)



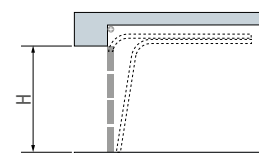
BC – Partially retracting, protruding overhead garage door.
(con 001V201)



BM – Fully retracting, protruding overhead garage door.



STA - SECTIONAL Type A with single guide



STB - SECTIONAL Type B with double-guide

C-distance = Min. 60 mm.

H = Max. door height













* Maximum headroom of the door during movement
(at about 2/3 of opening)

Operational limits

MODELS	801MV-0010	801MV-0020
Max. surface of the door (m ²)	18	21
Max. traction force (N)	1000	1300

Technical characteristics

MODELS	801MV-0010	801MV-0020
Protection rating (IP)	40	40
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	24 DC	24 DC
Absorption (A)	10 Max.	10 Max.
Power (W)	180	280
Cycles/Hour	30	-
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Complete operators with 24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MV-0010	VER10DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors. Includes ZL57 Control Board	£ 226.00
    		
801MV-0020	VER13DMS - Automated operator featuring a control panel with encoder for sectional and overhead garage doors. Includes ZL57 Control Board	£ 305.47
    		
Accessories for: 001VER10D - 001VER13D		
801XC-0010	Device for operation during power outages and for recharging the batteries (included are two 12 V - 0.8 Ah batteries).	£ 146.14
 		
Accessories		
001 V122	Drive arm for sectional doors with the distance between the upper edge of the door and the shaft-spring assembly between 300 and 600 mm.	£ 15.60
001 V121	Pull-cord release and resetting device to fit on door handle. L = 3 m.	£ 24.96
001 V201	Adapter arm for partially protruding overhead garage doors. Max. Door height: 2.4 m.	£ 87.36
Belt guides		
001 V0685	Belt guide L = 3.02 m, for doors with max. surface of 15 m ² . *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	£ 125.84
001 V0686	Belt guide L = 3.52 m, for doors with max. surface of 15 m ² . *Max. door height: BM = 2.75 m STA = 2.6 m STB = 2.7 m.	£ 136.24
001 V0688	Belt guide L = 4.02 m, for doors with max. surface of 15 m ² . *Max. door height: BM = 3.25 m STA = 3.1 m STB = 3.2 m.	£ 149.76
001 V0687	Belt guide L = 3.02 m in two pieces, for doors with max. surface of 15 m ² . *Max. door height: BC = 2.4 m BM = 2.25 m STA = 2.1 m STB = 2.2 m.	£ 128.96
Chain guide		
001 V0679	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.	£ 90.48
001 V0682	* Max. door height: BM = 2.75 m STA = 2.6 m STB = 2.7 m.	£ 106.08
001 V0683	Chain guide L = 4.02 m. * Max. door height: BM = 3.25 m STA = 3.1 m STB = 3.2 m.	£ 124.80
001 V0684	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.	£ 141.44
Accessories for: chain guides		
001 V005	Extension for chain-type guide: 001V0679 - 001V0682 - 001V0683 - 001V0684 L = 1.42 m.	£ 63.04

NOTES

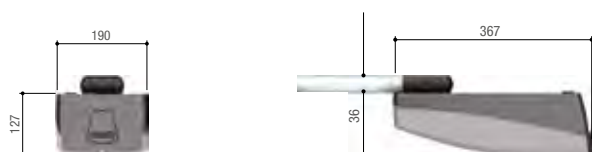
* BC = Counter-weighted overhead - BM = Spring-loaded overhead - STA = Sectional Type A - STB = Sectional Type B



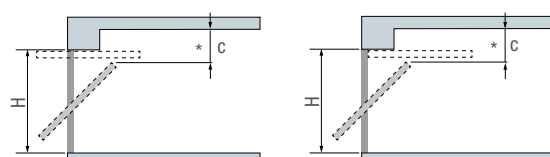
Ideal solution for sectional and overhead doors in single homes.

- Ready-to-use automated solutions.
- The operator is fastened directly onto the drive guide.
- 24 V DC systems to ensure greater safety and reliability.
- A vast range of control and safety accessories to complete the operator.
- Silent and reliable, belt or chain drive tracks, plus external pull-cord release to fit onto the door's lock and handle system.
- Systems tested in compliance with current regulatory standards.
- Rolling Code radio programming, can save up to 250 different users.
- External display buttons for easier start-ups and diagnoses.
- Automatically calibrates forces.

Dimensions (mm)

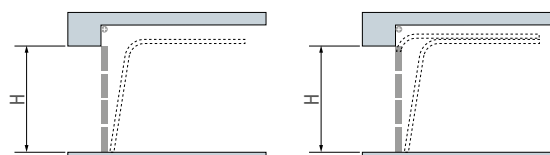


Applications



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

BM – Fully retracting, protruding overhead garage door.



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 movement (at about 2/3 of opening)

Operational limits

MODELS	801MV-0050
Max. surface of the door (m ²)	9
Max. traction force (N)	600

Technical characteristics

MODELS	801MV-0050
Protection rating (IP)	40
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V)	24 DC
Absorption (A)	6 max.
Power (W)	100
Duty/cycle (%)	50
Operating temperature (°C)	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Complete operators with 24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445		
801MV-0050	VER06DES - Automated operator featuring a control board with segmented graphic display, with encoder for sectional and overhead garage doors.	£ 130.40
Accessories		
001 V121	Pull-cord release and resetting device to fit on door handle. L = 3 m.	£ 24.96
001 V122	Drive arm for sectional doors with the distance between the upper edge of the door and the shaft-spring assembly between 300 and 600 mm.	£ 15.60
001 V201	Adapter arm for partially protruding overhead garage doors. Max. Door height: 2.4 m.	£ 87.36
Chain guide		
001 V06001	Chain guide L = 3.02 m. *Max. door height: BC = 2.4 m - BM = 2.25 m - STA = 2.1 m.	£ 37.44
Belt guides		
001 V06005	Belt guide L = 3.02 m. * Height max. door: BC = 2.4 m - BM = 2.25 m - STA = 2.1 m STB = 2.2 m.	£ 72.80

NOTES

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



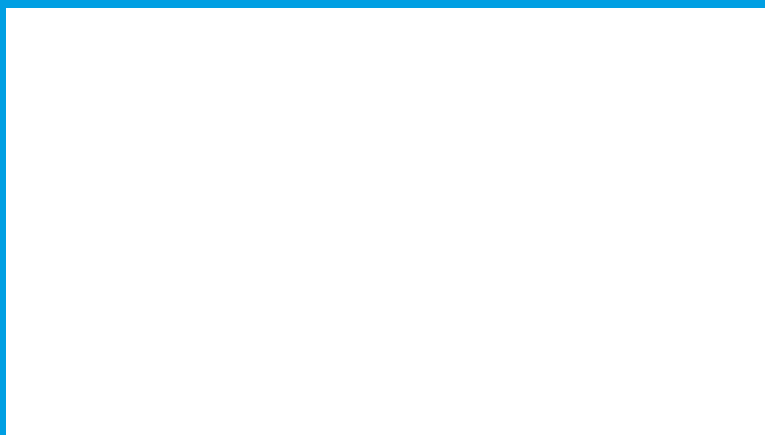
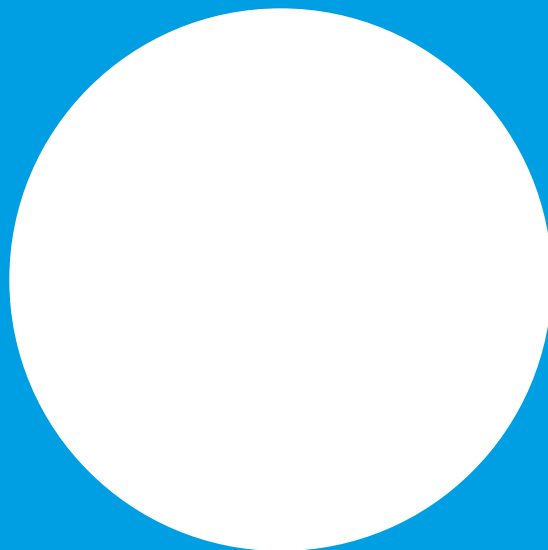


The ones in bold type are important for choosing which operator to install and should be assessed from the start.

- 24 V DC

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

AUTOMATIC DOORS



CAME.COM

COMPLETE KITS

202	FLUO 200 KITS
204	FLUO 300 KITS
206	FLUO 220 KITS

PRODUCT TECHNICAL SPECIFICATIONS

208	FLUO-SW
-----	---------

THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**

FLUO-200-PUSHA

FLUO

Articulated push arm kit for a single swing door weighing up to 200kg



Code	Description	Quantity
818SW-0010 	Brushless operator for a one-leaf swing door weighing up to 200kg.	1
818XA-0041	Articulated push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 1844.00

NOTE:
300mm max reveal allowed.
Open stop is required (not supplied) **NB please state which type when ordering.**

FLUO-200-PUSHS

FLUO

Slide push arm kit for a single swing door weighing up to 200kg



Code	Description	Quantity
818SW-0010 	Brushless operator for a one-leaf swing door weighing up to 200kg.	1
818XA-0059	Sliding push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 1844.00

NOTE:
No reveal allowed
An open stop is built in to the track **NB please state which type when ordering**


THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**

FLUO-200-PULLS

FLUO

Slide pull arm kit for a single swing door weighing up to 200kg



Code	Description	Quantity
818SW-0010 	Brushless operator for a one-leaf swing door weighing up to 200kg.	1
818XA-0040	Sliding pull arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1



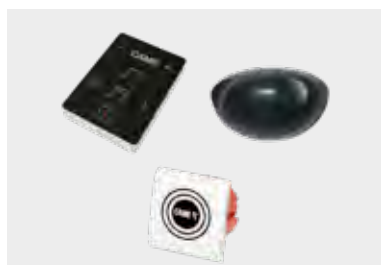
£1844.00

NOTE:

No reveal allowed

An open stop is built in to the track **NB please state which type when ordering**

IF YOU REQUIRE OPERATORS TO POWER DOUBLE SWING DOORS PLEASE PURCHASE 2 KITS.



ACTIVATION AND ADDITIONAL ACCESSORIES

See our complete range of automatic door accessories on pages 209-210.

THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**

FLUO-300-PUSHA

FLUO

Articulated push arm kit for a single swing door weighing up to 300kg



Code	Description	Quantity
818SW-0020 	Brushless operator for a one-leaf swing door weighing up to 300kg.	1
818XA-0041	Articulated push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 1893.00

NOTE:
300mm max reveal allowed.
Open stop is required (not supplied) **NB please state which type when ordering.**

FLUO-300-PUSHS

FLUO

Slide push arm kit for a single swing door weighing up to 300kg



Code	Description	Quantity
818SW-0020 	Brushless operator for a one-leaf swing door weighing up to 300kg.	1
818XA-0059	Sliding push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 1893.00

NOTE:
No reveal allowed
An open stop is built in to the track **NB please state which type when ordering**


THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**

FLUO-300-PULLS

FLUO

Slide pull arm kit for a single swing door weighing up to 300kg



Code	Description	Quantity
818SW-0020 	Brushless operator for a one-leaf swing door weighing up to 300kg.	1
818XA-0040	Sliding pull arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1



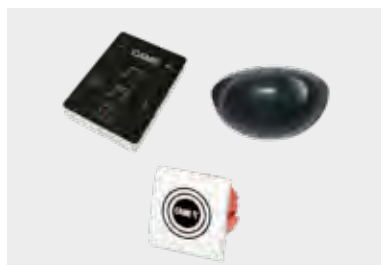
£ 1893.00

NOTE:

No reveal allowed

An open stop is built in to the track **NB please state which type when ordering**

IF YOU REQUIRE OPERATORS TO POWER DOUBLE SWING DOORS PLEASE PURCHASE 2 KITS.



ACTIVATION AND ADDITIONAL ACCESSORIES

See our complete range of automatic door accessories on pages 209-210.

THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**

FLU0-220-PUSHA

FLUO

Articulated push arm kit for a single swing door weighing up to 220kg with **spring closure**



Code	Description	Quantity
818SW-0030 	Brushless operator with spring closure for a one-leaf swing door weighing up to 220kg.	1
818XA-0041	Articulated push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 2155.00

NOTE:
300mm max reveal allowed.
Open stop is required (not supplied) **NB please state which type when ordering.**

FLU0-220-PUSHS

FLUO

Slide push arm kit for a single swing door weighing up to 220kg with **spring closure**



Code	Description	Quantity
818SW-0030 	Brushless operator for a one-leaf swing door weighing up to 300kg.	1
818XA-0059	Sliding push arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1

£ 2155.00

NOTE:
No reveal allowed
An open stop is built in to the track **NB please state which type when ordering**

THESE KITS COME COMPLETE WITH **BSEN16005 COMPLIANT SAFETY**. THEY ALSO INCLUDE **STANDARD DOOR HINGE SAFETY GUARDS**




FLU0-220-PULLS

FLU0

Slide pull arm kit for a single swing door weighing up to **220kg** with **spring closure**



Code	Description	Quantity
818SW-0030 	Brushless operator with spring closure for a one-leaf swing door weighing up to 220kg.	1
818XA-0040	Sliding pull arm.	1
818XA-0039	3 position rocker switch.	1
MRSSS-5S	Swing door sensor 360mm.	1
MRSSS-5M	Swing door sensor 692mm.	1
MRFP200SS	Finger guard for hinge door safety 2000mm.	1



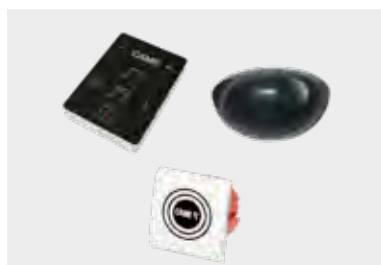
£ 2155.00

NOTE:

No reveal allowed

An open stop is built in to the track **NB please state which type when ordering**

IF YOU REQUIRE OPERATORS TO POWER DOUBLE SWING DOORS PLEASE PURCHASE 2 KITS.



ACTIVATION AND ADDITIONAL ACCESSORIES

See our complete range of automatic door accessories on pages 209-210.

FLUO-SW

Door leaves up to 300 kg

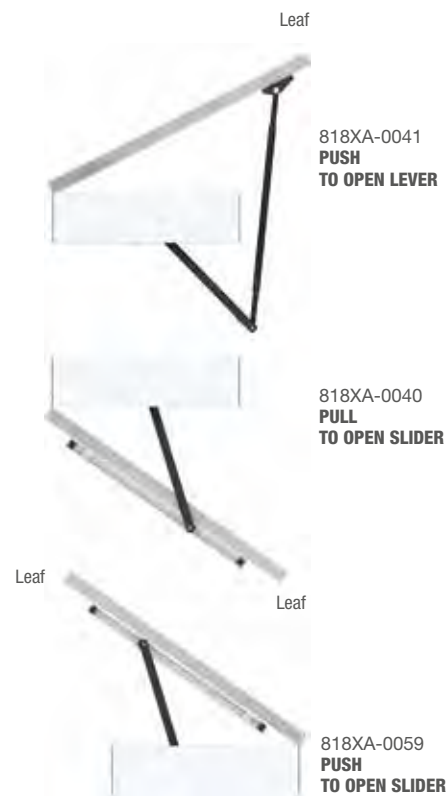
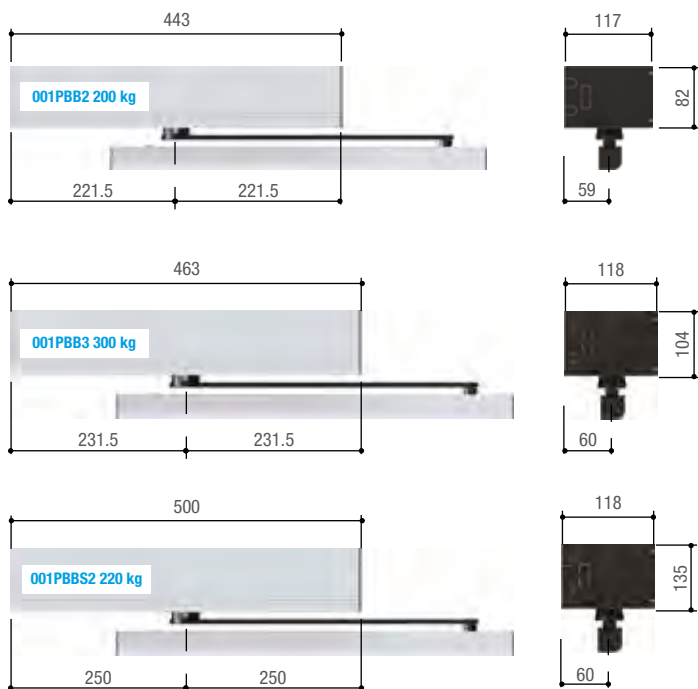


Brushless technology solution for existing swing doors

- Three solutions to meet different pedestrian flow situations, from private homes to airports or public offices.
- The quiet operation of the brushless motor makes it an excellent solution for even the most delicate environments such as hospitals, museums.
- Plant security thanks to encoder control: speed, force and obstacle detection.
- The buttons and the control card display allow you to adjust the operation for countless situations.
- Safety tests to comply with EN16005.



Dimensions (mm)






Operational limits

	PBBS2			PBB2			PBB3	
Max leaf length (m)	0.8	1.2	0.8	1.2	0.8	1.5		
Max leaf weight (kg)	220	100	200	80	300	80		






Technical features

MODELS	PBBS2	PBB2	PBB3
Power supply (V - 50/60 Hz)	100 - 240 AC	100 - 240 AC	
Operating power supply (V)	36 DC	36 DC	
Power (W)			
Stand by power (W)	8	8	
Manoeuvre time 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6
Duty cycle (%)	INTENSIVE USE	INTENSIVE USE	INTENSIVE USE
Torque (Nm)	23	20	40
Operating temperature (°C)	-15 ÷ +50	-15 ÷ +50	-15 ÷ +50

■ 230 V AC

Code	Description	Price (Excl. VAT)
Complete operators with 24 V DC motor.		
818SW-0010 	Brushless operator for a one-leaf swing door weighing up to 200kg.	£743.00
818SW-0020 	Brushless operator for a one-leaf swing door weighing up to 300kg	£793.00
818SW-0030 	Brushless operator for a one-leaf swing door with spring closure weighing up to 220kg	£1,057.00
Accessories		
818XC-0038	Card for emergency function in case of a power cut and battery recharging including batteries.	£239.00
818XA-0040	Sliding pull arm.	£104.00
818XA-0059	Sliding push arm.	£104.00
818XA-0041	Articulated push arm.	£104.00
818XA-0050	Basic Fluo Function switch.	£113.00
818XA-0043	Fluo function switch with all options included	£183.00
818XA-0039	3 position rocker switch.	£25.00
818XA-0045	17mm spacer	£25.00
818XA-0046	34mm spacer	£27.00
818XA-0047	51mm spacer	£33.00
818XA-0048	68mm spacer	£36.00
818XA-0049	85mm spacer	£37.00



Code	Description	Price (Excl. VAT)
Swing door safety sensors design to meet the requirements of the EN16005 standard.		
001 MRSSS-5S 	1 automatic swing door sensor with 6 spots of detection per PCB unit. 360mm long at an installation height of 2.2m max.	£330.00
001 MRSSS-5M 	1 automatic swing door sensor with 6 spots of detection per PCB unit. 692mm long at an installation height of 2.2m max.	£339.00
001 MRSSS-5L 	1 automatic swing door sensor with 6 spots of detection per PCB unit. 1023mm long at an installation height of 2.2m max.	£349.00
Accessories for: MRSSS range		
001 MRSSS-5WP	Rain protection for MRSSS swing door safety sensors.	£69.00
Micro-wave volumetric radars.		
001 MR8106 	12 - 24 V AC - DC bidirectional - monodirectional micro-wave volumetric radar. - Max application height: 4 m - Detection area: • WIDE ANTENNA field depth = 2 m and field width 4 m • NARROW ANTENNA field depth = 2.5 m and field width 2 m (In mono-directional mode, it activates only during approaching). - Adjustment with 001MRT001 transmitter.	£204.00
Accessories for: 001MR8106		
818XG-0019	Transmitter for micro-wave volumetric radars.	£38.00
001 MRWPC	Rain protection for micro-wave volumetric radars.	£59.00
Push pads		
001 MRJPP	Hard wired Jamb style push pad "Press to Open" and disabled logo to suit 45mm frame section includes surface mounted back box	£103.00
001 MRRPP	Hard wired 4 1/2 inch round push pad "Press to Open" and disabled logo includes surface mounted back box.	£116.00
001 MRSPP	Hard wired 4 inch square push pad "Press to Open" and disabled logo includes surface mounted back box.	£131.00
001 MRPBJW	Wireless radio Jamb style push pad "Press to Open" and disabled logo to suit 45mm frame section complete with transmitter card and battery. Includes surface mounted back box.	£158.00
001 MRPBSW	Wireless radio 4 inch square push pad "Press to Open" and disabled logo complete with transmitter card and battery includes surface mounted back box.	£184.00
818XG-0021 	12 - 24 V AC - DC swipe volumetric sensor with micro-waves reflection. Detection field: from 0.1 to 0.5 m.	£162.00
Swing door accessories		
001 MRPPW-RX	433Mhz receiver for use with wireless switches.	£99.00
001 MRPPW-TX	433Mhz Transmitter (Ultra small).	£90.00
Accessories		
001 MRFP200SS	Finger guard for hinge door safety	£321.00





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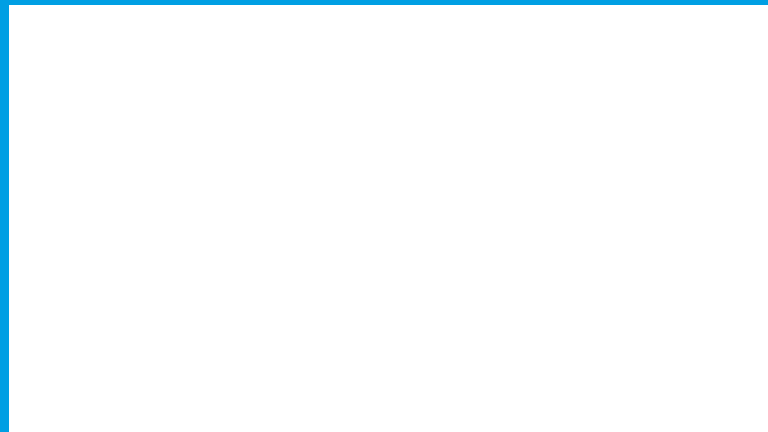
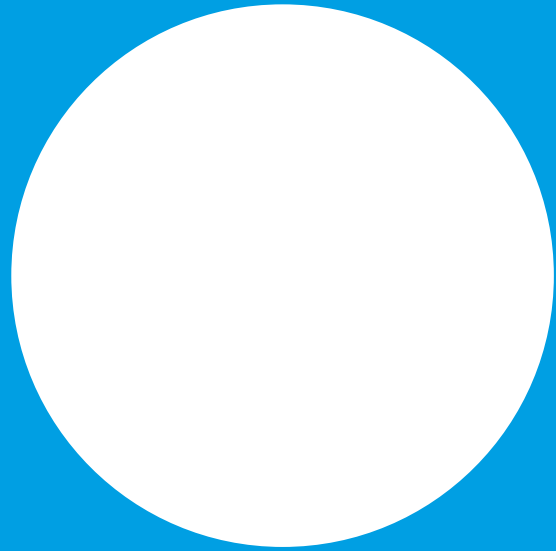
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CAME 



PARKING GUARD AND CHAIN BARRIERS



CAME.COM

214	Guide to choosing
216	UNIPARK
218	CAT
221	ELECTRONIC FUNCTIONS PARKING GUARD AND CHAIN BARRIER

Guide to choosing

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	Model	Max clearance width of parking space (m)
UNIPARK	UNIP + ARK1	2
UNIPARK	UNIP + ARK2	2,45
Series	Model	Max. net clearance width (m)
CAT	CAT-X + CAT-I + CAT-5	8
CAT	CAT-X24 + CAT-I + CAT-5	8
CAT	CAT-X + CAT-I + CAT-15	16
CAT	CAT-X24 + CAT-I + CAT-15	16

● 230 V AC ● 24 V DC



FOR SINGLE PARKING SPACES

Ideal for apartment-block parking facilities or for reserved parking spaces.

CAME 



FOR MULTIPLE PARKING SPACES

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

New LED technology.

Dadoo is the designer flashing light featuring LED lighting. With its overhauled shape, it is light, user-friendly and quick to install.

Energy efficiency is about lower consumption (6 W), compared to traditional incandescent light bulbs. Dadoo is the only truly universal LED flashing light because it works with different voltages: 230 V AC - 120 V AC - 24 V AC DC.





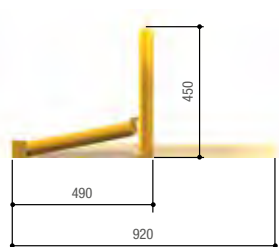
Ideal for parking guards in residential and public settings.

- A novel idea for reserving your parking space. Radio controlled.
- Works in emergency mode during power outages.
- There are two models available, small and large, and features a simple, functional fastening base.
- Safety is ensured by the amperometric obstruction-detecting and limit-switch controlling device.

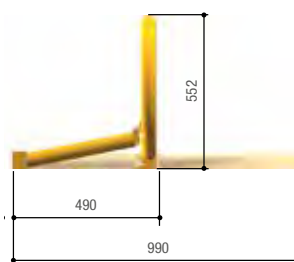
Dimensions (mm)



001UNIP
001ARK1



001UNIP
001ARK2



Operational limits

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

NOTE: Coloure 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 SERVICE
Resistance to crushing (kg/cm ²)	2,5
Operating temperature (°C)	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Parking guard barriers with 24 V DC gearmotor		
001 UNIP	Irreversible gearmotor with fastening plate.	£ 206.96
Control panels for 24 V DC gearmotors		
002 ZL22	Control panel for one barrier, expandable to four barriers by using three 002LM22 control cards.	£ 122.72
Accessories for: 002ZL22		
002 LM22	Motor expansion control card.	£ 33.28
002 LB22	Circuit board for emergency operation and battery charging.	£ 34.32
Extra accessories		
001 ARK1	SMALL barrier.	£ 102.96
001 ARK2	LARGE barrier.	£ 195.52

NOTES:

002LB22 - No. 2 12 V - 1.2 Ah batteries not supplied, 001UNIP is provided inside housing.

002LB22 - Two, 3199PNP1212 batteries (not supplied), on the 001UNIP there is a battery rack inside.

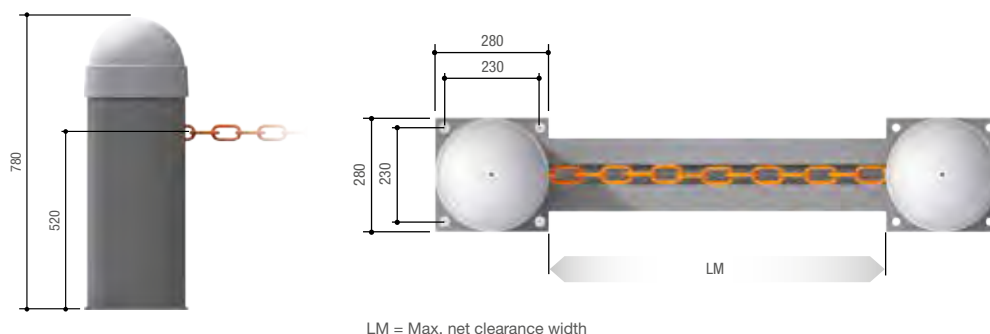




Ideal solution for fitting in historical town centers and private and public venues.

- A CAME-patented proposal for controlling reserved parking areas.
- Made of steel, this product is sturdy and even resists accidental impacts.
- The guides ensure that the chain is protected when vehicles drive over it.
- The 24 V DC version allows for obstruction detection and chain-speed adjustments.
- Quick and easy to install.

Dimensions (mm)



LM = Max. net clearance width

Operational limits

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

NOTES: Cover colour RAL 9006 – Cabinet colour ROUGH GRyY code 053 0837

Technical characteristics

MODELS	CAT-X	CAT-X24
Protection rating (IP)	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC
Power supply to motor (V)	230 AC 50/60 Hz	24 DC
Absorption (A)	2,7	10 Max.
Power (W)	300	240
Duty/cycle (%)	30	HEAVY-DUTY SERVICE
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	-

● 120 - 230 V AC ● 24 V DC

Code	Description	Price (Excl. VAT)
230 V AC chain-barrier		
001 CAT-X	Post with gearmotor and built-in control panel.	£ 956.80
24 V DC chain barrier		
001 CAT-X24	Post with gearmotor and built-in control panel.	£ 1281.28
Accessories for: 001CAT-X24		
002 LB38	Circuit board for emergency operation and battery charging.	£ 49.92
Chain-barrier post, for: 001CAT-X – 001CAT-X24		
001 CAT-I	Post with counter-weight and chain latch.	£ 491.92
Accessories		
001 CAT-5	Genovese-type, 9 mm chain for clearances of up to 8 m.	£ 82.16
001 CAT-15	Genovese-type, 5 mm chain for clearances of up to 16 m.	£ 82.16
001 CAR-2	Above-ground, chain protection guide L = 2 m.	£ 124.80
001 CAR-4	Below-ground, chain protection guide L = 2 m.	£ 112.32

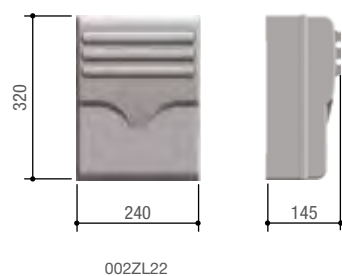
NOTES:

002LB38 - N. 3 batterie da 12 V - 1,2 Ah non fornite, è previsto l'alloggiamento interno su: 001CAT-X24
 002LB38 - Three 12 V - 7 Ah batteries (not supplied), set up an external battery housing on: 001CAT-X24



CONTROL PANEL DIMENSIONS

Dimensions (mm)



The table shows the characteristics of the parking system and chain barrier, operator-specific, control panels. The ones in bold type are important for choosing which operator to install and should be assessed from the start.

120

24

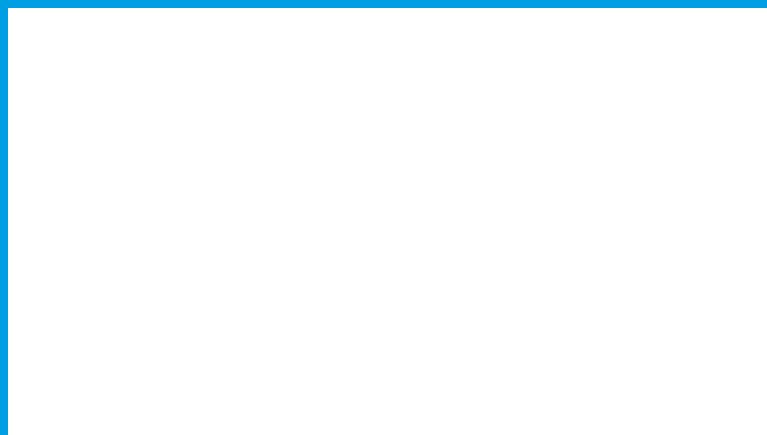
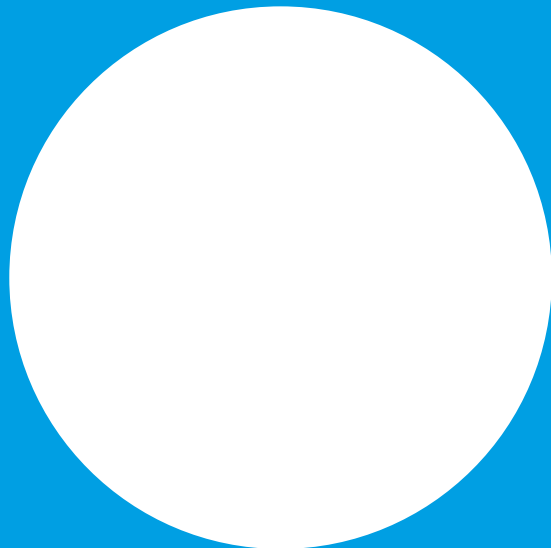
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Models / Series	CAT-X	CAT-X110	CAT-X24110	CAT-X24	UNIPARK							
Control board / Control panel	ZC5	ZC5110	ZL37C110	ZL37C	ZL22							
Functions												
Safety												
PRE-FLASHING when opening and closing												
REOPENING during closing												
TOTAL STOP												
OBSTRUCTION DETECTION in front of photocells												
AMPEROMETRIC DETECTION												
Command												
ONLY OPEN or ONLY CLOSE button connection												
OPEN-CLOSE-INVERT from the transmitter and/or button												
MAINTAINED ACTION												
IMMEDIATE CLOSING												
Characteristics												
FLASHING LIGHT connection												
Antenna												
OPEN ALERT LIGHT connection												
CLOSED ALERT LIGHT connection												
OPERATING TIME adjusting												
SELF-LEARNING of the transmitter's RADIO CODE												
Adjustable AUTOMATIC CLOSING TIME												
EMERGENCY BATTERY operation (optional)												
TRAVEL and SLOW DOWN SPEEDS adjustable*												

● 120 - 230 V AC ● 24 V DC

CONTROL AND SAFETY ACCESSORIES



CAME.COM






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244	TOP - Fixed Code
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252	TWIN
254	SEL Digital
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262	DXR
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268	RIO System 2.0
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Guide to choosing

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	Characteristic	Series	Type	Code	
Photocells	Recess mounted	DELTA S	Synchronized infrared	001DELTA-SI	
	Surface mounted	DELTA S	Synchronized infrared	001DELTA-SE	
	Recess mounted	DELTA	Infrared	001DELTA-I	
	Surface mounted	DELTA	Infrared	001DELTA-E	
	Surface mounted	DIR	Synchronized infrared	001DIR10	
	Surface mounted	DIR	Synchronized infrared	001DIR20	
	Surface mounted	DIR	Synchronized infrared	001DIR30	
	Surface mounted	DXR	Synchronized infrared	806TF-0030	
	Surface mounted	DXR	Synchronized infrared	806TF-0040	
Wireless safety systems	Surface mounted	RIO System 2.0	Wireless control module	806SS-0050	
	Surface mounted	RIO System 2.0	Wireless flashing light	806SS-0030	
	Surface mounted	RIO System 2.0	Wireless infrared beam photocells	806SS-0010	
	Surface mounted	RIO System 2.0	Wireless module	806SS-0050	

SAFETY ACCESSORIES

Product	Characteristic	Series	Type	Code
Sensitive safety-edges	Mechanical	DFWN	Ready to use	001DFWN1500
		DFWN	Ready to use	001DFWN1700
		DFWN	Ready to use	001DFWN2000
		DFWN	Ready to use	001DFWN2500
		DFWN	For assembling	009VR117H 009RV118I 001TMFW
		DFWN	For assembling	009VR117H 009RV118A 001TMF6W
		DFWN	For assembling	001DFI
Flashing lights	120 - 230 V AC	KIARO	LED	001KLED
	24 V AC - DC	KIARO	LED	001KLED24
	120 - 230 V AC 24 V AC - DC	DAD00	Amber	001DD-1KA
	120 - 230 V AC 24 V AC - DC	DAD00	Blue	001DD-1KB





CONTROL ACCESSORIES

Product	Characteristic	Series	Type	Code	
Selectors	Surface mounted	SEL Digital	Bluetooth digital Standalone	806SL-0210	
	Surface mounted	SEL Digital	Bluetooth digital Standalone	806SL-0240	
	Surface mounted	SEL Digital	Bluetooth digital Standalone	806SL-0250	
	Surface mounted	SEL Digital	Transponder digital	806SL-0110	
	Recess mounted	SEL Digital	Transponder digital	806SL-0120	
	Surface mounted	SEL Digital	Keypad digital	806SL-0150	
	Recess mounted	SEL Digital	Keypad digital	806SL-0160	
	Surface mounted	SEL Key	DIN-key operated	806SL-0050	
	Surface mounted	SEL Key	DIN-key operated For 230 V	806SL-0090	
	Recess mounted	SEL Key	DIN-key operated	806SL-0060	
	Recess mounted	SEL Key	DIN-key operated For 230 V	806SL-0100	
	Surface mounted	SEL Key	With key	806SL-0010	
	Recess mounted	SEL Key	With key	806SL-0020	
	Surface mounted	SEL Key	With key	806SL-0051	
	Recess mounted	SEL Key	With key	806SL-0061	
Transmitters	433.92 MHz - 868.35 MHz Fixed Code	TOP Fixed code	2 buttons	806TS-0090	
			2 buttons	806TS-0091	
			2 buttons	806TS-0092	
			2 buttons	806TS-0093	
			2 buttons	806TS-0094	
			2 buttons	806TS-0095	
			4 buttons	806TS-0100	
			4 buttons	806TS-0101	
			4 buttons	806TS-0102	
			4 buttons	806TS-0103	
			4 buttons	806TS-0104	
			4 buttons	806TS-0105	

CONTROL ACCESSORIES

Product	Characteristic	Series	Type	Code	
	433.92 MHz - 868.35 MHz Rolling code	TOP Rolling code	2 buttons	806TS-0110	
			2 buttons	806TS-0111	
			2 buttons	806TS-0112	
			2 buttons	806TS-0113	
			2 buttons	806TS-0114	
			2 buttons	806TS-0115	
			4 buttons	806TS-0120	
			4 buttons	806TS-0121	
			4 buttons	806TS-0122	
			4 buttons	806TS-0123	
			4 buttons	806TS-0124	
			4 buttons	806TS-0125	
Transmitters	433.92 MHz - 868.35 MHz Rolling code	ATOMO D	2 buttons	001AT02D	
		ATOMO D	4 buttons	001AT04D	
	433.92 MHz Fixed Code	TOP	2 buttons	001TOP-432EE	
		TOP	4 buttons	001TOP-434EE	
	868.35 MHz Fixed Code	TOP	2 buttons	001TOP-862EE	
		TOP	4 buttons	001TOP-864EE	
	433.92 MHz Key code	TWIN	2 buttons	001TW2EE	
		TWIN	4 buttons	001TW4EE	

RADIO CONTROL

GENERAL CHARACTERISTICS



RADIO SYSTEM CERTIFICATION

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



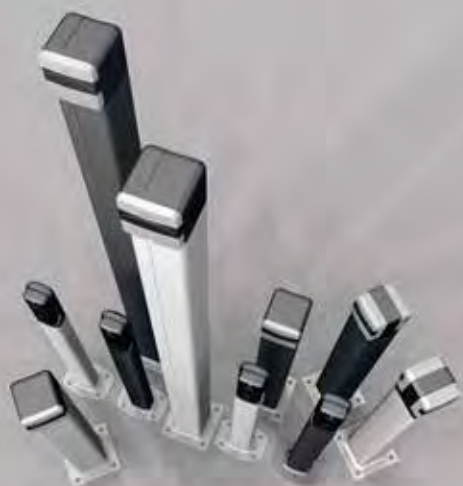
SELF-LEARNING OF THE CODE FROM TRANSMITTER TO RECEIVER - ROLLING CODE

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



SELF-LEARNING OF THE CODE FROM TRANSMITTER TO TRANSMITTER - FIXED CODE

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



The accessories' posts

CAME makes available a very vast range of aluminum and PVC profiles, that are ready for mounting control and safety accessories.

These are an essential element for completing an automation system. They are available for each series of accessories, in two heights, 500 and 1,000 mm.

Your automated system's safety and control are today perfectly integrated!

GENERAL CHARACTERISTICS



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).



TRANSPONDER FUNCTION

The transmitter is set up to take a TAG sensor for combining the use of radio and transponder functions into one device.



The new SEL selectors

These control accessories blend innovative design and CAME high-technology.

All of the devices, in fact, display blue backlighting, for perfect visibility even in the dark.

Each model is available in either the recessed or surface-mounted version and perfectly integrate with the post profiles when not mounting them to a wall.

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.



PHOTOCELLS: THE WIRELESS VERSION

Since the signal is transmitted as an infrared beam, the system's moving leaf can be protected by a sensitive safety-edge, without the need for complex cabling.



THE FLASHING LIGHT: DADOO AND THE LED-LIT KIARO VERSIONS

DADOO is the new designer flashing light with LED lighting. Completely new in shape, it is light, user-friendly and quick to install. The energy efficiency comes from lower consumption levels (6 W). Belonging to the KIARO family, and new models are available today.



Delta-S series DELTA-S series

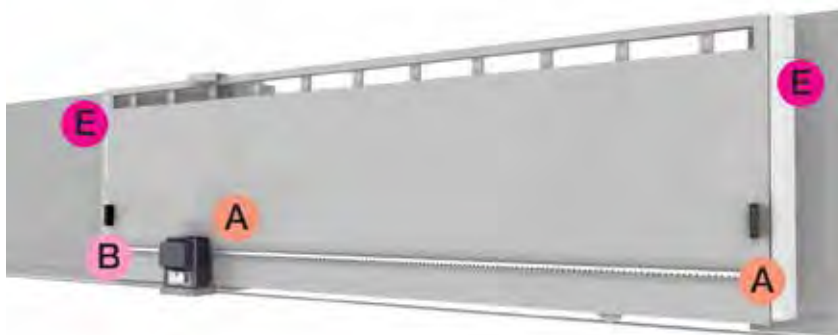
The synchronized, infrared-beam technology allows fitting of 001DELTA-SI and 001DELTA-SE photocells without having to switch the position of the transmitters and receivers, when the pairs are close to each other.

DELTA S makes possible installing multiple devices on posts and DOC-series recessed-mounted casings, without any problems of interference of the beam between the devices.

THE DB INTEGRATED COVERAGE SYSTEM

EXAMPLE PROTECTION INTEGRATED
WITH PHOTOCELL AND SENSITIVE
SAFETY-EDGE SYSTEM, WITH:
TWO-WAY RECEIVER

- A** = Pair of 001DBS02 photocells
- B** = 001DBCT transmitter module
- E** = DFWN-series sensitive safety-edges



EXAMPLE PROTECTION INTEGRATED
WITH PHOTOCELL AND SENSITIVE
SAFETY-EDGE SYSTEM, WITH:
ONE-WAY RECEIVER

- B** = Pair of 001DBS01 photocells
- E** = DFWN-series sensitive safety-edges

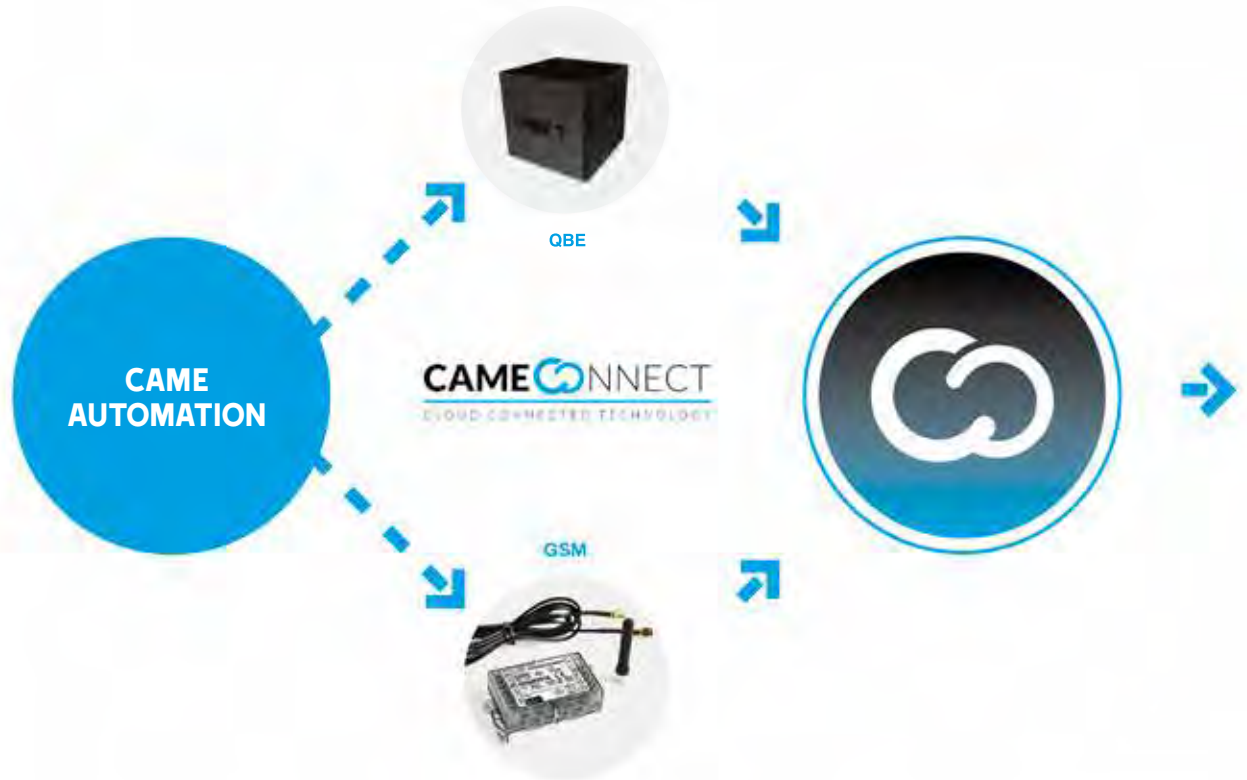


MADE IN ITALY, produced by CAME!

The 100% Made in Italy origin mark certifies that all CAME products are the result of a quality production process, designed to provide reliable and technologically efficient products. The products have been tested with service tests corresponding to 10/15 years of intense activity, with environment tests at extreme temperatures and with specific tests of operation in conditions of electromagnetic interference.

CAME CONNECT

FREELY MANAGE YOUR CONNECTED SYSTEMS.



CLOUD TECHNOLOGY

Just register at cameconnect.net to take advantage of the main benefits.

CAME Connect is our Cloud platform that revolutionises the way we experience our operators: it improves and speeds up interactions for installers, making scheduled maintenance and service job requests easier.

CONNECT MODULES

Add one of the two Gateway modules to connect your operator to the internet and exploit the services offered by CAME Connect.

Advantages:

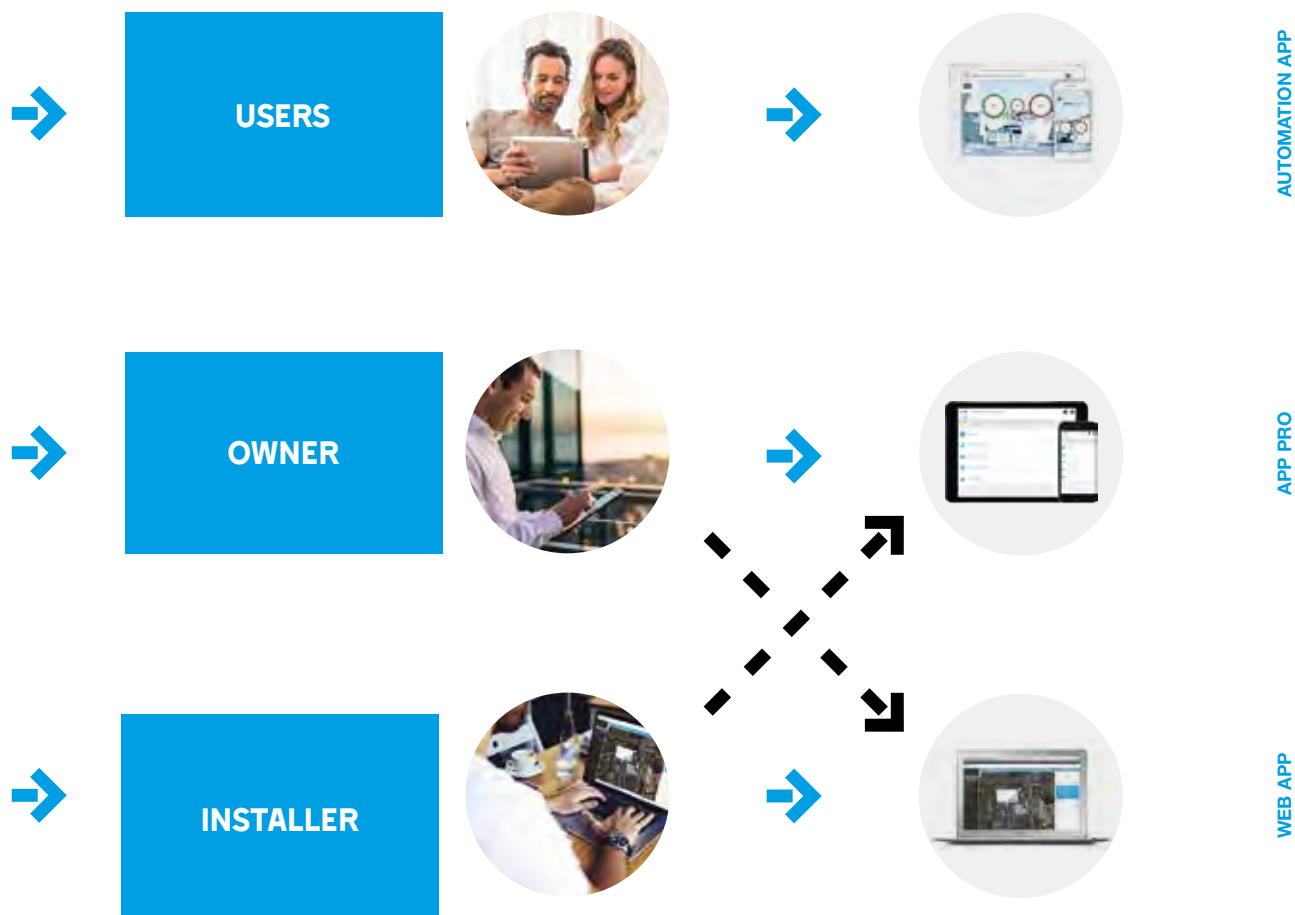
- each Gateway can connect to a maximum of 5 Slave modules;
- the Slave modules work within a 100 m radius of the Gateway module;
- each Slave module can connect 3 CRP operators, and is fitted with 2 inputs and 2 outputs.

COMPATIBLE OPERATORS

We want to give you a new way of managing your CAME operators.

Advantages:

- increasing numbers of operator models that are compatible with CAME Connect;
- easier programming via App or the Web platform;
- ability to check safety systems, run diagnostics and perform firmware updates from any remote location.



ACCESSIBILITY

CAME technology enables you to always have your operators under control and to manage them from any remote location via your smartphone.

Advantages:

- no additional cost for installers or users;
- dedicated apps based on user profiles;
- continuous development to add new features.



USER PROFILES

We have created three different user profiles. This lets you manage small single-home systems, as well as larger systems in apartment or office buildings and industrial plants.

Advantages:

- distinct owner and user profiles for managing multi-user contexts;
- overhauled and boosted scenarios function;
- enhanced installer profile with new controls and advanced functions.



MULTIPLATFORM

We have made available no less than three tools for using the platform: two apps and the website.

Advantages:

- different apps: one simple and intuitive for end users and a more advanced function rich version for the owner or installer of the installation
- manage multiple systems and operators from a single app;
- manage the programming of transmitters from any remote location.



THREE PROFILES FOR DIFFERENT FUNCTIONS

With CAME Connect we make three profiles available for users to provide even greater freedom in managing the connected systems.

INSTALLER



WHO IS IT FOR?

Every CAME installer that completes an installation can add CAME Connect to their own list of systems. If you are an installer, you can create an archive on your CAME Connect profile, where you can manage your connected installations. Therefore, providing even better service for your customers.

WHAT CAN THEY DO?

To improve motor efficiency and prolong lifespan, the operator needs regular maintenance. With this platform you can programme the outputs and keep track of them, so as to optimise costs. Also, you will be able to manage the programming and deletion of transmitters - even those with Rolling Code - from any remote location without having to go on site.

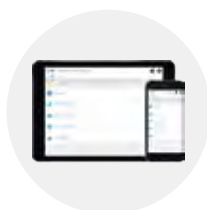
- view the state of the system's safety as well as any malfunctions, errors or customer notifications;
- check the list of all systems on a map, with their site information name and customer contact info;
- receive alerts on the timing of any maintenance, according to the preset limit of maneuvers;
- perform settings and firmware updates of the control card;
- programme transmitters via the QR code function, using the PRO app;
- manage any additional I/Os for the Connect modules; there are two for each Slave module.

AVAILABLE TOOLS

The Web app and the Pro app let you check and set up the system, load images and corresponding PDFs, programme scenarios and activate them only when needed, as well as responding to customer requests.



WEB APP



APP PRO

OWNER



WHO IS IT FOR?

For each operator an owner profile is activated. In this role you can enable or disable users, save transmitters and perform simple programming operations. Ideal for multi-user contexts, such as apartment buildings and office space.

WHAT CAN THEY DO?

As an owner you can manage an unlimited number of automated operators and, for each of them, a user list for transmitters, by associating transmitters and users, and any mobile devices. You will also have to enable the installer to set up and update the operator whenever necessary.

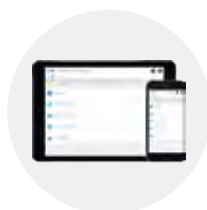
- perform dedicated operations, that do not affect the system's security and safety.
- programme the transmitter via the QR-code function - using the PRO app - and manage its association to the end user.
- activate the user-mobile device connection; there are up to 5 for each one;
- enable the installer to supervise your system, from a remote location via the "support request" function;
- create and activate multi-function scenarios.

AVAILABLE TOOLS

Via the Web app and Pro app you will have total control over the system, including the possibility of creating and activating/deactivating scenarios from remote locations, import user lists and manage the programming of transmitters both on site as well as from any remote location.



WEB APP



APP PRO

USERS



WHO IS IT FOR?

The user profile is the platform's basic profile, and in the simpler, single-home systems it is usually also the owner.

In more complex systems, it is the users that can benefit from advantages of the platform without having to worry about managing it, as it this will be entirely controlled by the owner.

WHAT CAN HE DO?

Once registered on CAME Connect, you will be enabled and connected to the operator by the supervisor. From then on, you may manage it via the AUTOMATION APP and enjoy numerous benefits, even when using the transmitters. Programming will be easier and safer as will disabling it in case of loss.

- open and close operators for which you have been enabled, via smartphone and tablet PC;
- manage new operators from up to five different mobile devices;
- see the state of the automated operators, whether they are closed, open, opening, and so on;
- activate and deactivate, from the app, the Connect modules' inputs and outputs.
- enable notifications in case of problems.

AVAILABLE TOOLS

Users, through the Automation app, can control the operators to which they are connected.



APP AUTOMATION

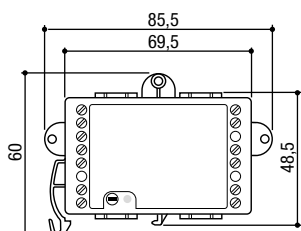




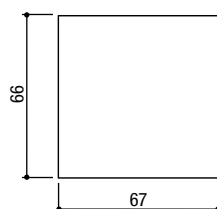
Technology to control automated operators from any remote location

- Possibility to program scenarios and timers, easily and intuitively.
- Possibility to control your operators connected to the Came Remote Protocol.
- Possibility to expand the system by adding radio-frequency modules.
- Manage, on site or off site, all compatible devices via one app (842EC-0020).
- The CAME QBE and QBE Setup are free apps downloadable from Google Play or the App Store (842EC-0020 - 806SA-0130).
- The two output relays and two built-in digital inputs let you control an operator's openings and closings without using Came Remote Protocol (806SA-0010 - 806SA-0020 - 806SA-0030).
- Gateways available in either Ethernet or GSM version, both with built-in radio-frequency module (806SA-0010 - 806SA-0030).
- The basic GSM version without built-in radio-frequency module is also available (806SA-0020).
- CAME AUTOMATION APP free and downloadable from Google Play or the App Store (806SA-0010 - 806SA-0020 - 806SA-0030).

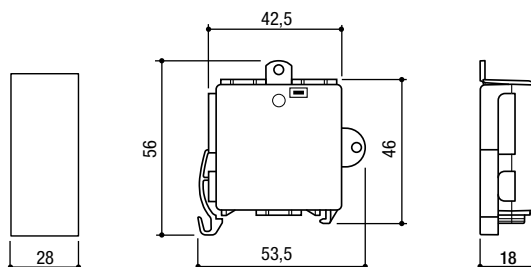
Dimensions (mm)



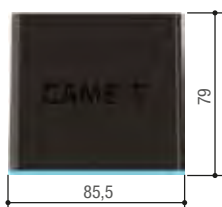
806SA-0010
806SA-0020



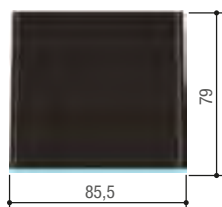
806SA-0030



806SA-0040



842EC-0020
806SA-0130



Technical characteristics

MODELS	842EC-0020	806SA-0130	806SA-0020	806SA-0010	806SA-0030	806SA-0040	UR042
Protection rating (IP)	30	30	-	-	-	-	-
Power supply (V)	5 DC	5 DC	12 - 30 AC - DC	12 - 30 AC - DC	230 AC	12 - 30 AC - DC	9 - 30 AC - DC
Radio signal frequency (Mhz)	868,65 - 869,50	869,50	-	869,50	869,50	869,50	-
Data connection technologies	Wi-Fi - Ethernet	Wi-Fi - Ethernet	GSM	GSM	Ethernet	-	Wi-Fi - Ethernet - GSM
Power (W)	-	-	3	3	-	-	3
Operating temperature (°C)	+5 ÷ +40	+5 ÷ +40	-20 ÷ +70	-20 ÷ +70	0 ÷ +40	-20 ÷ +70	-40 ÷ +55

● 230 V AC ● 24 V DC

Code	Description	Price (Excl. VAT)
Ethernet and WiFi Gateways		
806SA-0130  	QBEMFSB2 - Ethernet-WiFi Gateway for controlling, via the CAME Connect system, up to five 806SA-0040 modules over the radio-frequency connection.	£ 169.00
842EC-0020  	QBEDFSB1 - Radio-frequency and WiFi Smart Home Gateway, with one App to manage all connected devices, remotely or on site.	£ 249.00
GSM Gateways		
806SA-0010  	RGSM001 - GSM Gateway module with built-in radio, for remote control of CAME automated operators with the CAME CONNECT dedicated system (002RSE module included). For controlling up to five slave modules.	£ 149.00
806SA-0020  	RGSM001S - Stand-alone GSM Gateway module for remote control of CAME automated operators with the CAME CONNECT dedicated system (002RSE module included).	£ 129.00
Ethernet Gateways		
806SA-0030 	RETH001 - Ethernet Gateway module with built-in radio, with the CAME CONNECT dedicated system. For controlling up to five slave modules.	£ 149.00
Accessories for: 806SA-0010 - 806SA-0030 - 842EC-0020 - 806SA-0130		
806SA-0040  	RSLV001 - Slave module for operators (002RSE module included).	£ 95.00
Accessories for GSM Gateway		
806SA-0050	Two-metre long antenna cable	£ 22.83
Kit		
8K06SA-001  	Ethernet Gateway Kit, composed of: 806SA-0030 and the 806SA-0040 slave module, or remote control of CAME automated operators with the CAME CONNECT dedicated system (002RSE module included).	£ 244.00
8K06SA-002  	QBE Kit, composed of: 806SA-0130 and the 806SA-0040 slave module, or remote control of CAME automated operators with the CAME CONNECT dedicated system (002RSE module included).	£ 264.00

Notes:

8K06SA-001 - The 806SA-0030 Gateway module is powered by 230 V AC, while the 806SA-0040 Slave module is powered by 24 V DC.

842EC-0020 Available from May 2019

806SA-0130 Available from June 2019



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.

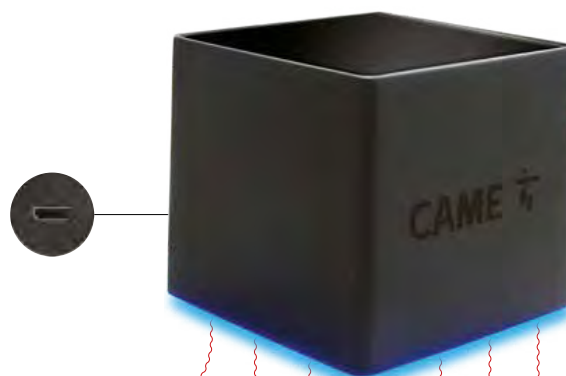




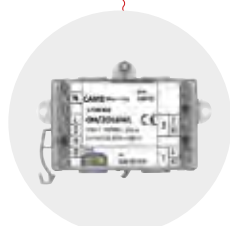
SMART HOME CONNECTOR

TWO BUILT-IN
RADIO RECEIVER/
TRANSMITTER UNITS
869.50 MHZ OPERATORS
868.65 MHZ DOMOTICS

ETHERNET
SOCKET
BUILT-IN



5 V DC POWER
DRIVER
PROVIDED



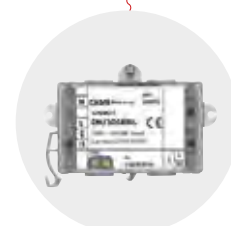
DOMOTIC MODULE
67600480



Two
hardwired
outputs

GATE MODULE
806SA-0040

RS485



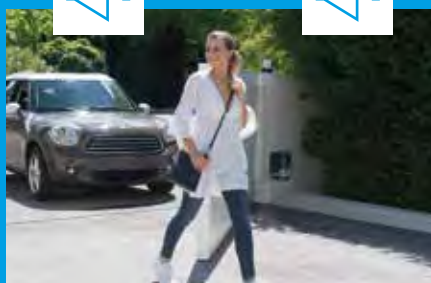
DOMOTIC MODULE
67600470
67600720



TUBE GEARED MOTORS FOR
AWNINGS AND SHUTTERS

TUBE MOTORS
230 V AC single
phase, with built
in limit switch

TUBE MOTORS
KBS 5 series



GATE AND GARAGE DOOR OPERATORS

AUTOMATED
OPERATORS
not set up for
CAME Connect
or belonging to
other brands



AUTOMATED
OPERATORS
fitted with
CAME Connect
technology



TEMPERATURE CONTROL

PROGRAMMABLE THERMOSTATS
TH/550 WH WL series



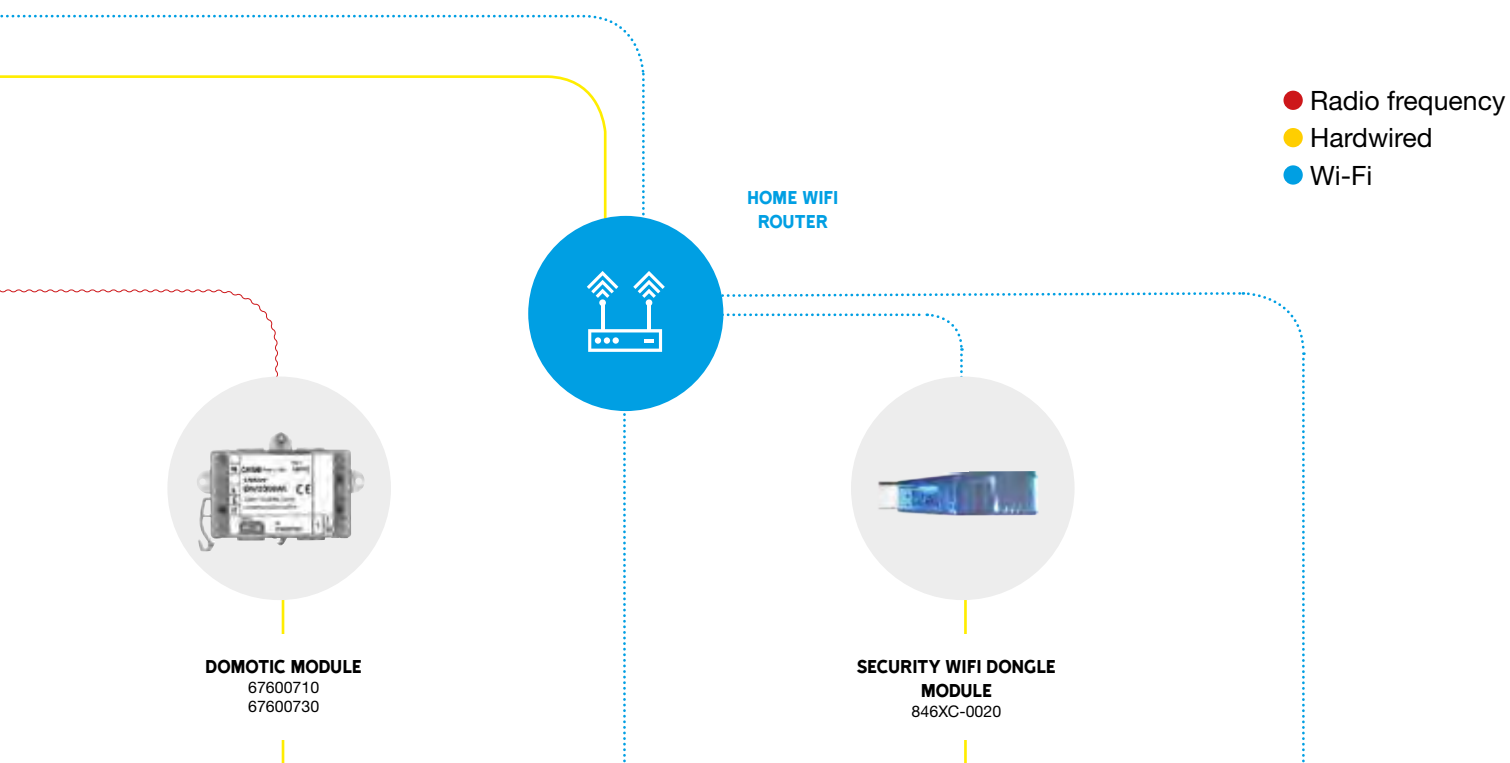
LIGHTS
ON-OFF
type or
other electric
loads



CAME QBE
USER APP



QBE SETUP
INSTALLER APP



LIGHTING CONTROL
AND OTHER ELECTRIC LOADS

LIGHTS
DIMMABLE or other electric
loads



VIDEO ENTRY SYSTEMS

VIDEO ENTRY SYSTEMS
XTS series



SAFETY

BURGLAR PROOFING
All CAME Gateway



CCTV

CCTV
8K48EA-008

TOP - Rolling Code

Rolling code 433.92 and 868.35 Mhz radio control

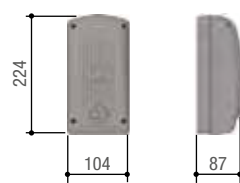
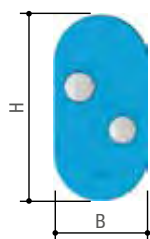


Dual frequency solution with non-clonable code

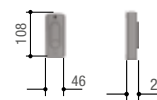


- Manages several operators on different frequencies.
- One device to manage two frequencies, that is, 433.92 MHz and 868.35 MHz.
- More secure thanks to the dynamic code.
- Uses only one CR2032 battery.
- Flat battery alert
- No setting required when selecting the frequency
- Comes in two-channel and four-channel versions.
- Available in six different colours.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.

Dimensions (mm)



806RV-0010
806RV-0020



001RE432M
001RE862M

Dimensions table (mm)

MODELS	B (mm)	H (mm)	P (mm)
TOP - Rolling Code	34	70	13

Operational limits

MODELS	806TS-0110	806TS-0111	806TS-0112	806TS-0113	806TS-0114	806TS-0115
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	806TS-0110	806TS-0111	806TS-0112	806TS-0113	806TS-0114	806TS-0115
Combinations	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896
Radio signal frequency (Mhz)	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE

Code	Description	Price (Excl. VAT)
Transmitters at 433.92 MHz and 868.35 MHz rolling code		
806TS-0110	TOPD2RGS - Double-channel double-channel rolling code transmitter, grey colour. 4,294,967,896 combinations.	£ 22.94
806TS-0111	TOPD2RBS - Double channel double-rolling code transmitter, blue colour. 4,294,967,896 combinations.	£ 22.94
806TS-0112	TOPD2RKS - Double channel double-rolling code transmitter, black colour. 4,294,967,896 combinations.	£ 22.94
806TS-0113	TOPD2RYS - Double channel double-rolling code transmitter, yellow. 4,294,967,896 combinations.	£ 22.94
806TS-0114	TOPD2RES - Double-channel dual channel rolling code transmitter, green colour. 4,294,967,896 combinations.	£ 22.94
806TS-0115	TOPD2RPS - Double channel dual channel rolling code transmitter, pink colour. 4,294,967,896 combinations.	£ 22.94
806TS-0120	TOPD4RGS - Double frequency 4-button rolling code transmitter, grey colour. 4,294,967,896 combinations.	£ 25.46
806TS-0121	TOPD4RBS - Double frequency 4-button rolling code transmitter, blue colour. 4,294,967,896 combinations.	£ 25.46
806TS-0122	TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour. 4,294,967,896 combinations.	£ 25.46
806TS-0123	TOPD4RYS - Double frequency 4-button rolling code transmitter, yellow colour. 4,294,967,896 combinations.	£ 25.46
806TS-0124	TOPD4RES - Double frequency 4-button rolling code transmitter, green colour. 4,294,967,896 combinations.	£ 25.46
806TS-0125	TOPD4RPS - Double frequency 4-button rolling code transmitter, pink colour. 4,294,967,896 combinations.	£ 25.46
Transmitter Kit at 433.92 MHz and 868.35 MHz rolling code		
8K06TS-001	TOPD4RXM - 6 packaged dual frequency 4 button rolling code transmitters. 4,294,967,896 combinations.	£ 137.50


















Operational limits

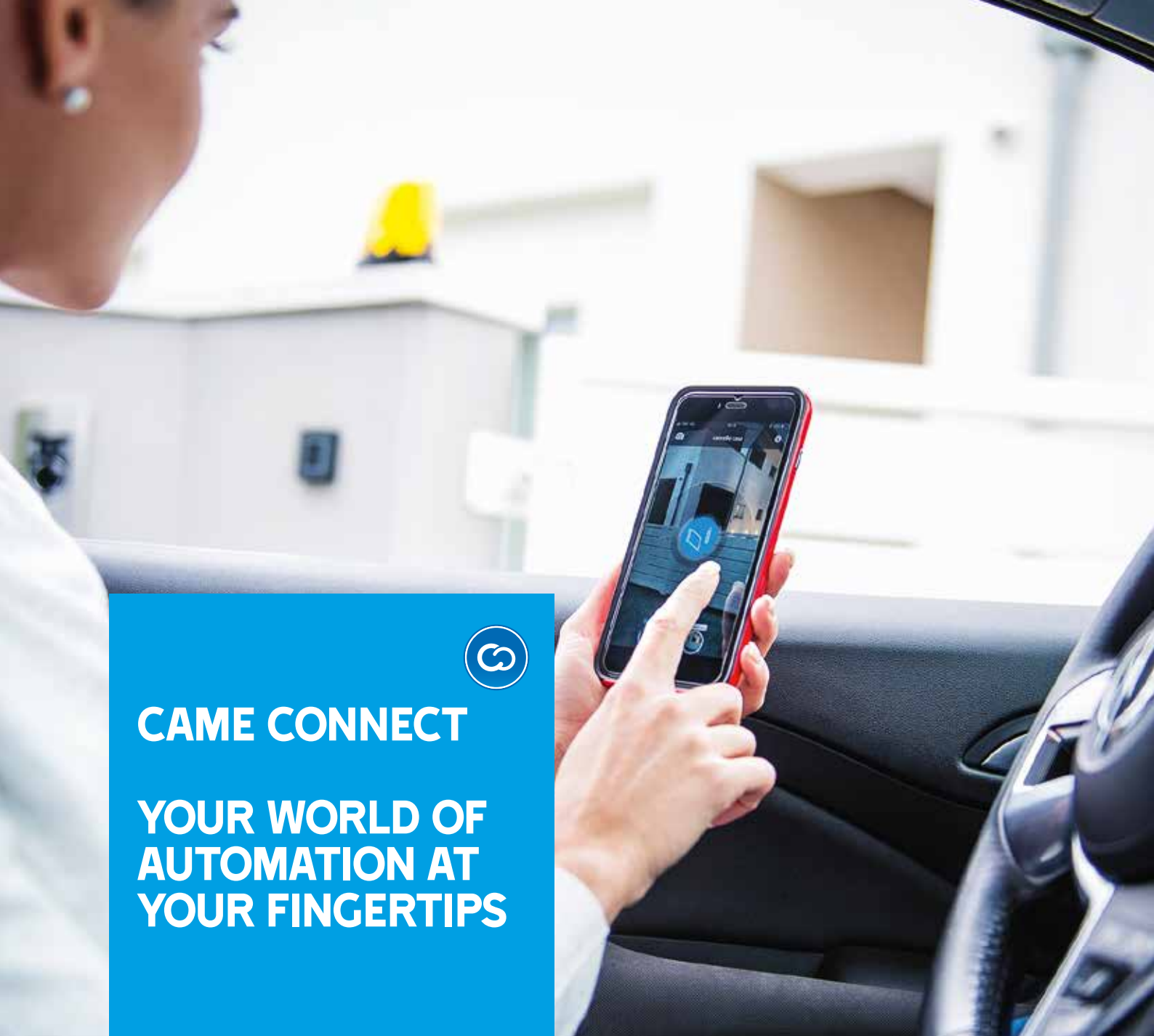
MODELS	806TS-0120	806TS-0121	806TS-0122	806TS-0123	806TS-0124	806TS-0125
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	806TS-0120	806TS-0121	806TS-0122	806TS-0123	806TS-0124	806TS-0125
Combinations	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896	4.294.967.896
Radio signal frequency (Mhz)	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)	
Plug-in, 433.92 MHz rolling-code transmitters			
001 AF43S	Plug-in radio-frequency control card	£ 30.16	
Snap-in 868.35 MHz Rolling code receivers			
001 AF868	Plug-in radio-frequency control card	£ 31.20	
Plug-in 433.92 MHz receivers			
001 AF43SR	Plug-in radio-frequency circuit board for max. 25 transmitters.	£ 106.08	
External, 12 - 24 V AC - DC, 433.92 MHz radio receivers			
001 RE432M 	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56	
External, 12 - 24 V AC - DC, 868.35 MHz radio receivers			
001 RE862M 	External two-channel 12 - 24 V AC - DC IP54 receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D coding.	£ 66.56	
External, 120 - 230 V AC, modules			
806 RV-0010 	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77	
External, 120 - 230 V AC - DC, modules			
806 RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69	
433.92 MHz antenna for: 001KLED – 001KLED24			
001 TOP-A433N	Tuned Antenna.	£ 21.84	
433.92 MHz antenna for: 001KLED – 001KLED24			
001 DD-1TA433	Tuned Antenna.	£ 38.48	
868.35 MHz antenna for: 001KLED – 001KLED24			
001 TOP-A862N	Tuned Antenna.	£ 22.88	
868.35 MHz antenna for: 001DD-1KA – 001DD-1KB			
001 DD-1TA868	Tuned Antenna.	£ 34.95	
Accessories			
001 TOP-RG58	Antenna cable.	£ 2.08	



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TOP - Fixed Code

Radio command at 433.92 and 868.35 Mhz fixed code

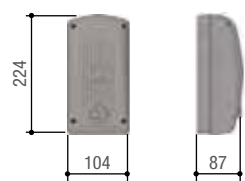
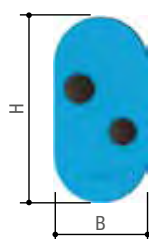


Double-frequency solution with fixed code

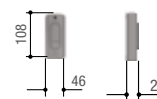


- Manages several operators on different frequencies.
- One device to manage two frequencies, that is, 433.92 MHz and 868.35 MHz.
- Uses only one CR2032 battery.
- Flat battery alert
- No setting required when selecting the frequency
- Comes in two-channel and four-channel versions.
- Available in six different colours.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.

Dimensions (mm)



806RV-0010
806RV-0020



001RE432M
001RE862M

Dimensions table (mm)

MODELS	B (mm)	H (mm)	P (mm)
TOP - Fixed Code	34	70	13

Operational limits

MODELS	806TS-0090	806TS-0091	806TS-0092	806TS-0093	806TS-0094	806TS-0095
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	806TS-0090	806TS-0091	806TS-0092	806TS-0093	806TS-0094	806TS-0095
Combinations	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216
Radio signal frequency (Mhz)	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE

Code	Description	Price (Excl. VAT)
Transmitters at 433.92 MHz and 868.35 MHz Fixed Codes		
806TS-0090	TOPD2FGS - Double-frequency dual channel transmitter with self-learning function, grey colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0091	TOPD2FBS - Two-channel, double frequency self-learning transmitter, blue. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0092	TOPD2FKS - Two-channel, double frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0093	TOPD2FYS - Two-channel, double frequency self-learning transmitter, yellow. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0094	TOPD2FES - Two-channel, double frequency self-learning transmitter, green. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0095	TOPD2FPS - Two-channel, double frequency self-learning transmitter, pink. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 22.94
806TS-0100	TOPD4FGS - Four-channel, double frequency self-learning transmitter, grey. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 25.46
806TS-0101	TOPD4FBS - Four-channel, double frequency self-learning transmitter, blue. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	£ 25.46
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 25.46
806TS-0103	TOPD4FYS - Four-channel, double frequency self-learning transmitter, yellow. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 25.46
806TS-0104	TOPD4FES - Four-channel, double frequency self-learning transmitter, green. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 25.46
806TS-0105	TOPD4FPS - Four-channel, double frequency self-learning transmitter, pink. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 25.46
Transmitter Kit at 433.92 MHz and 868.35 MHz fixed code		
8K06TS-002	TOPD4FXM - pack of 6 dual-frequency 4 button transmitters with self-learning function. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	£ 137.50




















Operational limits

MODELS	806TS-0100	806TS-0101	806TS-0102	806TS-0103	806TS-0104	806TS-0105
Max. range of radio (m)	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	806TS-0100	806TS-0101	806TS-0102	806TS-0103	806TS-0104	806TS-0105
Combinations	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216	4.096 - 16.777.216
Radio signal frequency (Mhz)	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35	433,92 - 868,35
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE	POLYCARBONATE

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)	
Plug-in 433.92 MHz receivers			
001 AF43S	Plug-in radio-frequency control card	£ 30.16	
Plug-in 868.35 MHz receivers			
001 AF868	Plug-in radio-frequency control card	£ 31.20	
External, 12 - 24 V AC - DC, 433.92 MHz radio receivers			
001 RE432M 	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56	
External, 12 - 24 V AC - DC, 868.35 MHz radio receivers			
001 RE862M 	External two-channel 12 - 24 V AC - DC IP54 receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D coding.	£ 66.56	
12 - 24 V AC - DC external modules			
001 RBE4N 	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC – DC.	£ 102.96	
806RV-0010 	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77	
External, 120 - 230 V AC, modules			
001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84	
806RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69	
433.92 MHz antenna for: 001KLED – 001KLED24			
001 TOP-A433N	Tuned Antenna.	£ 21.84	
433.92 MHz antenna for: 001KLED – 001KLED24			
001 DD-1TA433	Tuned Antenna.	£ 38.48	
868.35 MHz antenna for: 001KLED – 001KLED24			
001 TOP-A862N	Tuned Antenna.	£ 22.88	
868.35 MHz antenna for: 001DD-1KA – 001DD-1KB			
001 DD-1TA868	Tuned Antenna.	£ 34.95	
Accessories			
001 TOP-RG58	Antenna cable.	£ 2.08	



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TOP 433.92 MHz

433.92 MHz radio control

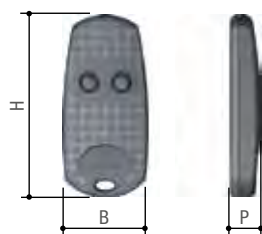


Ideal for fitting in single home settings

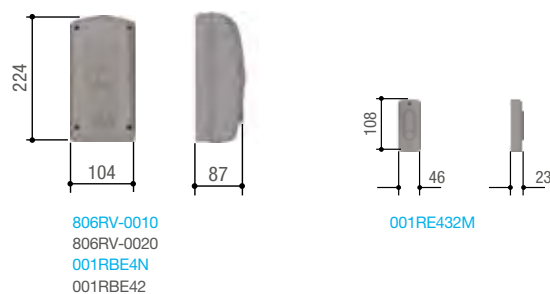
- Available in either the two or four-channel version.
- Self-learning from transmitter to transmitter.
- 16,777,216 possible combinations in TAM mode.
- 4,096 possible combinations in TOP mode.
- TOP (12 bit) or TAM (24 bit) mode code-setting.
- Multi-user function.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.



Dimension of transmitters (mm)



Dimension of receivers (mm)



Dimensions table (mm)


MODELS	B (mm)	H (mm)	P (mm)
TOP-432EE	32	68,5	11
TOP-434EE	32	68,5	11

Operational limits

MODELS	TOP-432EE	TOP-434EE
Max. range of radio (m)	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	TOP-432EE	TOP-434EE
Combinations	4,096 TOP mode – 16,777,216 TAM mode	4,096 TOP mode – 16,777,216 TAM mode
Batteries	Two x CR2016 lithium batteries	Two x CR2016 lithium batteries
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	ABS	ABS

Code	Description	Price (Excl. VAT)
433.92 MHz transmitters		
001 TOP-432EE	Two-channel multiuser transmitter with self-learning function (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	£ 32.24
001 TOP-434EE	Four-channel, multiuser transmitter with self-learning function (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	£ 39.52
Plug-in 433.92 MHz receivers		
001 AF43S	Plug-in radio-frequency control card	£ 30.16
External, 12 - 24 V AC - DC, 433.92 MHz radio receivers		
001 RE432M 	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56
External, 120 - 230 V AC, modules		
001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84
806RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69
12 - 24 V AC - DC external modules		
001 RBE4N 	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC - DC.	£ 102.96
806RV-0010 	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77
Accessories for: 001TOP-432EV - 001TOP-434EV		
001 P3V	Package of two, 3 V DC, CR2016 lithium batteries	£ 4.16
433.92 MHz antenna for: 001KLED - 001KLED24		
001 DD-1TA433	Tuned Antenna.	£ 38.48
433.92 MHz antenna for: 001KLED - 001KLED24		
001 TOP-A433N	Tuned Antenna.	£ 21.84
Accessories		
001 TOP-RG58	Antenna cable.	£ 2.08



TOP 868.35 MHz

868.35 MHz radio control



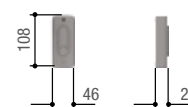
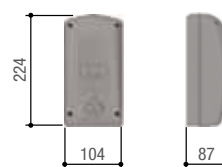
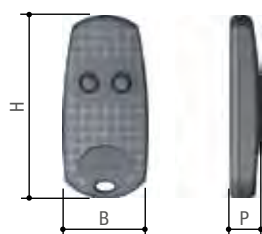
Ideal for fitting in single home settings

- Available in either the two or four-channel version.
- Self-learning from transmitter to transmitter.
- 16,777,216 possible combinations in TAM mode.
- 4,096 possible combinations in TOP mode.
- Multi-user function.
- TOP or TAM-mode code setting.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.



Dimension of transmitters (mm)

Dimension of receivers (mm)



806RV-0010
806RV-0020
001RBE4N
001RBE42

001RE862M

Dimensions table (mm)


MODELS	B (mm)	H (mm)	P (mm)
TOP-862EE	32	68,5	11
TOP-864EE	32	68,5	11

Operational limits

MODELS	TOP-862EE	TOP-864EE
Max. range of radio (m)	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	TOP-862EE	TOP-864EE
Combinations	4,096 TOP mode – 16,777,216 TAM mode	4,096 TOP mode – 16,777,216 TAM mode
Batteries	Two x CR2016 lithium batteries	Two x CR2016 lithium batteries
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	Polycarbonate	Polycarbonate

Code	Description	Price (Excl. VAT)
868.35 MHz transmitters		
001 TOP-862EE	Two-channel multiuser transmitter with self-learning function (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	£ 39.52
001 TOP-864EE	Four-channel, multiuser transmitter with self-learning function (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	£ 46.80
Plug-in 868.35 MHz receivers		
001 AF868	Plug-in radio-frequency control card	£ 31.20
External, 12 - 24 V AC - DC, 868.35 MHz radio receivers		
001 RE862M 	External two-channel 12 - 24 V AC - DC IP54 receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D coding.	£ 66.56
12 - 24 V AC - DC external modules		
001 RBE4N 	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC - DC.	£ 102.96
806RV-0010 	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77
External, 120 - 230 V AC, modules		
001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84
806RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69
Accessories for: 001TOP-862EV - 001TOP-864EV		
001 P3V	Package of two, 3 V DC, CR2016 lithium batteries	£ 4.16
868.35 MHz antenna for: 001DD-1KA - 001DD-1KB		
001 DD-1TA868	Tuned Antenna.	£ 34.95
868.35 MHz antenna for: 001KLED - 001KLED24		
001 TOP-A862N	Tuned Antenna.	£ 22.88
Accessories		
001 TOP-RG58	Antenna cable.	£ 2.08

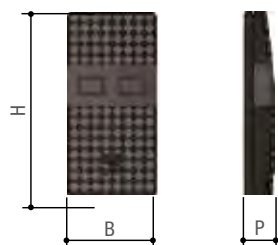




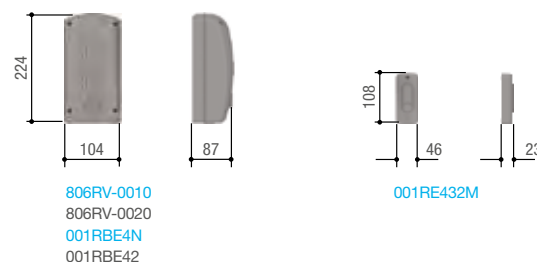
Ideal solution for multi-user and apartment-block settings.

- Transmitter with Key Code, that is, the password code that protects the radio-control from being duplicated without authorisation.
- Available in either the two or four-channel version.
- Ready to house the TAG transponder.
- 4,294,967,896 possible combinations.
- TOP or TAM-mode code setting.
- Elegant, contemporary design.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.

Dimension of transmitters (mm)



Dimension of receivers (mm)



Dimensions table (mm)




MODELS	B (mm)	H (mm)	P (mm)
TWIN2	32	68	13
TWIN4	32	68	13

Operational limits

MODELS	TW2EE	TW4EE
Max. range of radio (m)	50 ÷ 150	50 ÷ 150

Technical characteristics

MODELS	TW2EE	TW4EE
Combinations	16.777.216	16.777.216
Batteries	Two, CR2016 LITHIUM	Two x CR2016 lithium batteries
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	Polycarbonate	Polycarbonate

Code	Description	Price (Excl. VAT)
KEY CODE, 433.92 MHz transmitters		
001 TW2EE	KEY CODE, two-channel transmitter 4,294,967,892 combinations.	£ 39.52
001 TW4EE	Four-channel, transmitter with KEY CODE function. transmitter. 4,294,967,892 combinations.	£ 42.64
433.92 MHz receivers with KEY CODE function.		
001 AF43TW	Plug-in radio-frequency control card	£ 43.68
Plug-in 433.92 MHz receivers		
001 AF43S	Plug-in radio-frequency control card	£ 30.16
External, 12 - 24 V AC - DC, 433.92 MHz radio receivers		
001 RE432M 	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56
External, 120 - 230 V AC, modules		
001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84
806RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69
12 - 24 V AC - DC external modules		
001 RBE4N 	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC - DC.	£ 102.96
806RV-0010 	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77
Accessories for: 001TW2EE - 001TW4EE		
009 TAG	Glass transponder-bulb for Twin series.	£ 14.56
001 P3V	Package of two, 3 V DC, CR2016 lithium batteries	£ 4.16
433.92 MHz antenna for: 001KLED - 001KLED24		
001 DD-1TA433	Tuned Antenna.	£ 38.48
433.92 MHz antenna for: 001KLED - 001KLED24		
001 TOP-A433N	Tuned Antenna.	£ 21.84
Accessories		
001 TOP-RG58	Antenna cable.	£ 2.08

NOTES : 806RV-0010 and 806RV-0020

For 433.92 MHz transmitters, use 001AF43S

For 001RBE42 and 001RBE4N in Key Code mode, use 001AF43TW.

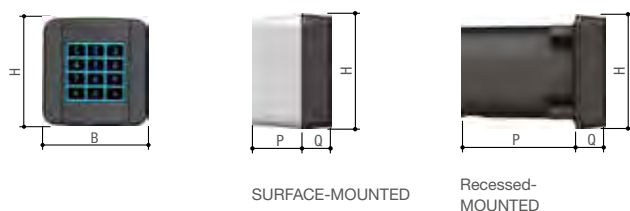


The digital control for all automation

- Backlit with blue light, available in exterior or recessed version.
- Grey colour cover Ral 7024.
- 12-key keypad for added security.
- Transponder selector for 125Khz Cards.
- Bluetooth selector with CAME AUTOMATIONBT APP free for IOS and Android.



Dimensions (mm)








Dimensions table (mm)

MODELS	TYPE	MOUNTING	B (mm)	H (mm)	P (mm)	Q (mm)	P + Q (mm)
806SL-0150	HARDWIRED KEYPAD	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0160	HARDWIRED KEYPAD	Recessed-MOUNTED	70,5	73,5	76	16,5	92,5
806SL-0170	RADIO-BASED KEYPAD	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0180	RADIO-BASED KEYPAD	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0110	TRANSPONDER	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0120	TRANSPONDER	Recessed-MOUNTED	70,5	73,5	76	16,5	92,5
806SL-0210	BLUETOOTH	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0240	BLUETOOTH	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0250	BLUETOOTH	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50

Technical characteristics

MODELS	806SL-0170	806SL-0180	806SL-0150	806SL-0160	806SL-0110	806SL-0120	806SL-0210	806SL-0240	806SL-0250
Protection rating (IP)	54	54	54	54	54	44	54	54	54
Power supply (V)	-	-	-	-	-	-	12 - 24 AC - DC	12 - 24 AC - DC	12 - 24 AC - DC
Power (W)	0.144	0.144	0.6	0.6	0.83	0.83	0,7	0,7	0,7
Battery capacity (mAh)	1600	1600	-	-	-	-	-	-	-
Max. rating of 24 V (A) relay contacts	-	-	-	-	-	-	1	1	1
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20° ÷ +55°	-20° ÷ +55°	-20° ÷ +55°

● 12 - 24 V AC - DC

Code	Description	Price (Excl. VAT)
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 Grey colour.	£ 115.04
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 Grey colour.	£ 120.52
Bluetooth digital switches		
806SL-0210  	SELB1SDG1 - Surface-mounted Bluetooth selector for 15 users with blue backlighting. RAL7024 Grey colour.	£ 148.41
806SL-0240  	SELB1SDG2 - Surface-mounted Bluetooth selector for 50 users with blue backlighting. RAL7024 Grey colour.	£ 297.82
806SL-0250  	SELB1SDG3 - Surface-mounted Bluetooth selector for 250 users with blue backlighting. RAL7024 Grey colour.	£ 596.63
Transponder sensors		
806SL-0110 	SELR1NDG - Surface-mounted transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue backlighting. RAL7024 Grey colour.	£ 60.26
806SL-0120 	SELR2NDG - Recessed-mounted transponder selector for cards, keyfobs and TAG (Manchester protocol) with blue backlighting. RAL7024 Grey colour.	£ 56.97
Keypad selectors		
806SL-0150 	SELT1NDG - External Keypad Selector, 12 Keys, with Blue Backlight. Grey colour, RAL7024. Surface mounted Hard wired using two wire technology.	£ 76.70
806SL-0160 	SELT2NDG - Built-in keypad switch, 12 keys, with blue backlight. Grey colour, RAL7024. Surface mounted Hard wired using two wire technology.	£ 70.12
806SL-0230  	S0002M - External, two-channel, 12 - 24 V AC - DC IP54 control card for keypads.	£ 68.48
24 V AC - DC magnetic sensors		
009SMA 	Single-channel magnetic sensor for detecting metal masses.	£ 226.72
009SMA2 	Two-channel magnetic sensor for detecting metal masses.	£ 321.36



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 allows you to do this automatically.

THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
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Snap-in 433.92 MHz Rolling Code receivers for: 806SL-0170

001 AF43S	Plug-in radio-frequency control card	£ 30.16
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Snap-in 433.92 MHz Rolling Code receivers for: 806SL-0170

001 AF43SR	Plug-in radio-frequency circuit board for max. 25 transmitters.	£ 106.08
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Snap-in 868.35 MHz receivers for: 806SL-0180

001 AF868	Plug-in radio-frequency control card	£ 31.20
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External 12 - 24 V AC - DC 433.92 MHz radio receivers for: 806SL-0170

001 RE432M	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56
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External 12 - 24 V AC - DC 868.35 MHz radio receivers for: 806SL-0180

001 RE862M	External two-channel 12 - 24 V AC - DC IP54 receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D coding.	£ 66.56
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Accessories for: 806SL-0150 - 806SL-0160

806SL-0230	S0002M - External, two-channel, 12 - 24 V AC - DC IP54 control card for keypads.	£ 68.48
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12 - 24 V AC - DC external modules for: 806SL-0170 - 806SL-0180

001 RBE4N	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC - DC.	£ 102.96
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12 - 24 V AC - DC external modules for: 806SL-0170 - 806SL-0180

001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84
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12 - 24 V AC - DC external modules for: radio-based transponders, keypads and selectors

806RV-0010	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77
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12 - 24 V AC - DC external modules for: transponder, keypad and radio-based selectors

806RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69
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Code	Description	Price (Excl. VAT)
Accessories for: 806RV-0010 - 806RV-0020		
001 R800	Control board for programming and access-control management via keypad selectors.	£ 23.92
001 R700	Programming board and access control management when used with transponder	£ 44.72
Accessories for: 806SL-0120 - 806SL-0160		
001 CSS	Post made of natural-finish, anodized aluminum.	£ 61.36
001 CSSN	Post made of black, anodized aluminum.	£ 61.36
009 DOC-S	Recessed-mounting casing.	£ 3.12
868.35 MHz antenna for: 001KLED - 001KLED24 - 806SL-0180		
001 TOP-A862N	Tuned Antenna.	£ 22.88
Antenna at 433.92 MHz for: 001KLED - 001KLED24 - 806SL-0170		
001 TOP-A433N	Tuned Antenna.	£ 21.84
Antenna at 433.92 MHz for: 001DD-1KA - 001DD-1KB - 806SL-0180		
001 DD-1TA433	Tuned Antenna.	£ 38.48
Antenna at 868.35 MHz for: 001DD-1KA - 001DD-1KB - 806SL-0170		
001 DD-1TA868	Tuned Antenna.	£ 34.95
Accessories		
001 TOP-RG58	Antenna cable.	£ 2.08
Accessories for: 001TSP01		
001 TST01	ISO 7810-7813 format transponder card, 125 Khz Manchester protocol.	£ 10.40
009 PCT	Transponder keyfob.	£ 10.40
009 TAG	Glass transponder-bulb for Twin series.	£ 14.56

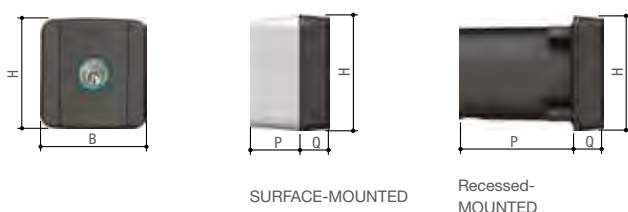


The control for all operators

- Backlit with blue light, available in exterior or recessed version.
- Grey colour cover Ral 7024.
- Available in the key-operated version with cylinder lock or with European DIN cylinder (even for 230 V applications).



Dimensions (mm)



SURFACE-MOUNTED



Recessed-MOUNTED

Dimensions table (mm)

MODELS	TYPE	MOUNTING	B (mm)	H (mm)	P (mm)	Q (mm)	P + Q (mm)
806SL-0010	CYLINDER KEY	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0020	CYLINDER KEY	Recessed-MOUNTED	70,5	73,5	76	16,5	92,5
806SL-0050	DIN KEY	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0060	DIN KEY	Recessed-MOUNTED	70,5	73,5	76	16,5	92,5
806SL-0090	DIN KEY	SURFACE-MOUNTED	70,5	73,5	33,5	16,5	50
806SL-0100	DIN KEY	Recessed-MOUNTED	70,5	73,5	76	16,5	92,5

Technical characteristics

MODELS	806SL-0050	806SL-0060
Protection rating (IP)	44	44
Power (W)	0.3	0.3
Max. rating of 24 V (A) relay contacts	3	3
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description	Price (Excl. VAT)
Key-switch selectors with DIN lock		
806SL-0050	SELD1FDG - External key switch with blue backlight and DIN lock cylinder. Grey colour, RAL7024.	£ 49.30
		
806SL-0060	SELD2FDG - Recessed key switch with blue backlight and DIN lock cylinder. Grey colour, RAL7024.	£ 44.92
		
Accessories for: 806SL-0060 - 806SL-0100 - 806SL-0120		
001 CSS	Post made of natural-finish, anodized aluminum.	£ 61.36
001 CSSN	Post made of black, anodized aluminum.	£ 61.36

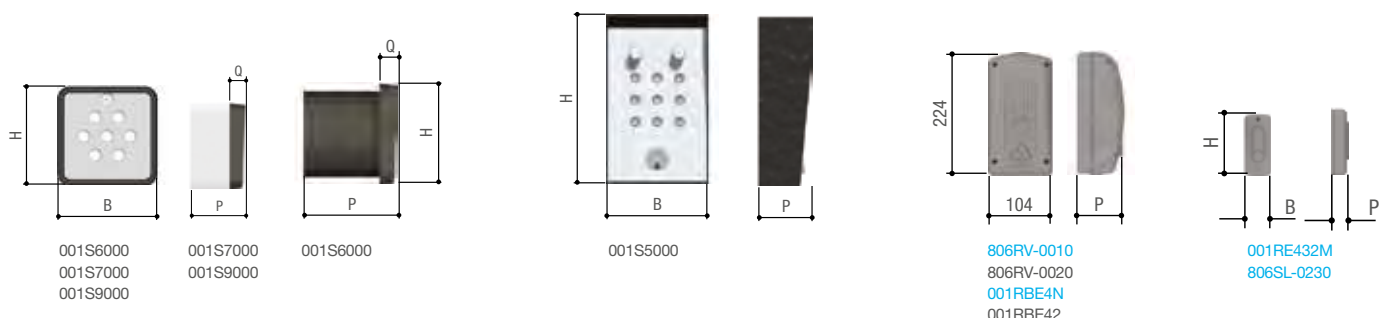




The control for all operators

- Safe and reliable thanks to the electronic anti-tampering system.
- Also available with radio-based technology, for applying when hard-wiring is not an option.
- Made of aluminum and stainless steel to provide, sturdiness, reliability and durability.

Dimensions (mm)



Dimensions table (mm)

MODELS	MOUNTING	B (mm)	H (mm)	P (mm)	Q (mm)
S5000 *	SURFACE-MOUNTED	80	130	40	-
S6000 *	Recessed-MOUNTED	70	70	73	13
S7000 *	SURFACE-MOUNTED	70	70	31	13
S9000	SURFACE-MOUNTED	70	70	31	13
RE432M	SURFACE-MOUNTED	46	108	23	-
RBE4N	SURFACE-MOUNTED	115	225	87	-
806RV-0010	SURFACE-MOUNTED	115	225	87	-
806RV-0020	SURFACE-MOUNTED	115	225	87	-

* POWER SUPPLY FOR 806SL-0230 CARDS - 806RV-0010 - 806RV-0020

Technical characteristics

MODELS	S5000
Protection rating (IP)	54
Power supply (V)	12 - 24 AC - DC *
Combinations	16.777.216
Radio signal frequency (Mhz)	-
Code digits	8 max.
Material	ALUMINUM - STEEL

* POWER SUPPLY FOR 806SL-0230 CARDS - 806RV-0010 - 806RV-0020

Code	Description	Price (Excl. VAT)
Digital keypad selectors		
001 S5000	Recessed-mounted, keypad selector made of painted, galvanized steel, with front lighting. 16,777,216 combinations.	£ 150.80
Accessories for: 001S5000 - 001S6000 - 001S7000		
806 SL-0230	S0002M - External, two-channel, 12 - 24 V AC - DC IP54 control card for keypads.	£ 68.48
Plug-in, 433.92 MHz receivers for: 001S9000		
001 AF43S	Plug-in radio-frequency control card	£ 30.16
External, 12 - 24 V AC - DC, 433.92 MHz radio receiver for: 001S9000		
001 RE432M	Two-channel, external IP54 12 - 24 V AC - DC receiver for saving up to 50 different user codes, with TOP, TAM, ATOMO D and TWIN coding.	£ 66.56
External modules running on 12 - 24 V AC - DC for: 001S5000 - 001S6000 - 001S7000 - 001S9000		
806 RV-0010	RBE4024 - Four-channel, external, 24 V AC - DC, IP54 multi-user receiver module for saving up to 3,000 different user codes, for the TOP - TAM - ATOMO D - TWIN series.	£ 157.77
External modules running on 12 - 24 V AC - DC for: 001S9000		
001 RBE4N	IP54, surface-mounted, four-channel, radio module, 12 - 24 V AC - DC.	£ 102.96
External modules running on 120 - 230 V AC for: 001S5000 - 001S6000 - 001S7000 - 001S9000		
806 RV-0020	RBE4230 - Four-channel, external, multi-user IP54, 120 - 230 V AC for saving up to 3,000 different user codes, for the following series: TOP, TAM, ATOMO D, TWIN.	£ 179.69
External modules running on 120 - 230 V AC for: 001S9000		
001 RBE42	Four-channel external radio module; IP54, 230 V AC.	£ 125.84
Accessories for: 001S6000 - 001S9000		
001 CSS	Post made of natural-finish, anodized aluminum.	£ 61.36
001 CSSN	Post made of black, anodized aluminum.	£ 61.36

NOTES : 806RV-0010 and 806RV-0020
 For 433.92 MHz transmitters, use 001AF43S
 For 868.35 MHz transmitters use 001AF868
 For Keypad Selectors use 001R800
 For Transponder Selectors use 001R700

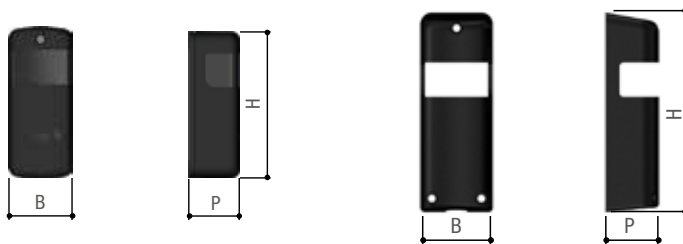




Synchronized, swiveling infrared-beam safety devices

- 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.
- Adjust the range of the infrared beam.
- 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.

Dimensions (mm)



806TF-0030

806TF-0040
806TF-0050

Dimensions table (mm)




Models	Mounting	B (mm)	H (mm)	P (mm)
806TF-0030	Surface mounted	46	108	37
806TF-0040	Surface mounted	52	145	39

Operational limits

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

Technical characteristics

MODELS	806TF-0030	806TF-0040
Protection rating (IP)	54	54
Power supply (V)	12 - 24 AC - DC	12 - 24 AC - DC
Absorption (mA)	40	40
Maximum rating of output contacts at 24 V (A)	0.5	0.5
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	ABS	ABS - ALUMINUM

Code	Description	Price (Excl. VAT)
Synchronized, swiveling infrared-beam, Dxr series photocells		
806TF-0030 	DXR20CAP - Pair of surface mounted synchronized, swiveling, infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 20 m.	£ 92.00
806TF-0040 	DXR20CAM - Pair of aluminum, surface mounted, synchronized, swiveling, infrared-beam photocells rated at 12 - 24 V AC - DC. Range: 20 m.	£ 107.00
Accessories for: 806TF-0030		
806TF-0050 	Aluminum alloy cover.	£ 20.00
001 DIR-L	Natural-finish aluminum post H = 500 mm.	£ 31.20
001 DIR-LN	Black anodized aluminum post. H = 500 mm.	£ 31.20
001 DIR-CG	Silver RAL9006, PVC post. H = 500 mm.	£ 22.88
Accessories for: 806TF-0030 - 806TF-0040		
001 DIR-S	Recess-mounting casing.	£ 3.12
Accessories for: 001DIR-L		
001 DIR-P	Natural-finish, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	£ 20.80
Accessories for: 001DIR-LN		
001 DIR-PN	Black, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	£ 20.80
Accessories for: 001DIR-CG		
001 DIR-CGP	Silver RAL9006 post extension for fitting with double pair of photocells. H = 500 mm	£ 18.72

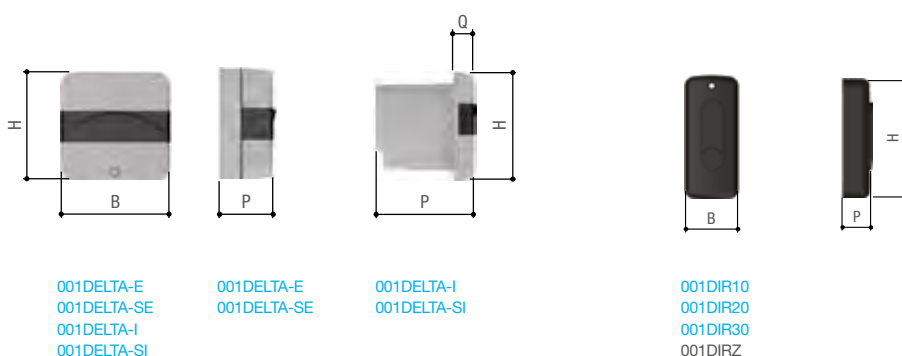




Safety devices for moving doors and windows

- Control the gate's area of movement
- Infrared beam, even synchronized, to prevent any external signal disturbances.
- For the DIR series photocells, there is a double-height post, and a new PVC version of the post, for installing in entry and exit points where heavy vehicles drive through.
- CAME proposes the Delta-series, infrared-beam photocells and the Delta-S, synchronised infrared beam photocells: one design for both surface and recessed-mounting.
- High degree of protection against weathering.

Dimensions (mm)



Dimensions table (mm)

MODELS	MOUNTING	B (mm)	H (mm)	P (mm)	Q (mm)
DELTA-E	SURFACE-MOUNTED	70	70	36	-
DELTA-SE	SURFACE-MOUNTED	70	70	36	-
DELTA-I	Recessed-MOUNTED	70	70	52	16
DELTA-SI	Recessed-MOUNTED	70	70	52	16
DIR10 · DIR20 · DIR30 · DIRZ	SURFACE-MOUNTED	46	108	23	-

Operational limits

MODELS	DELTA-I	DELTA-E	DIR10	DIR20	DIR30	DELTA-SI	DELTA-SE
Max. range of radio (m)	20	20	10	20	30	20	20

Technical characteristics

MODELS	DELTA-I	DELTA-E	DIR10	DIR20	DIR30	DELTA-SI	DELTA-SE
Protection rating (IP)	54	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	12 - 24 AC - DC	12 - 24 AC - DC	12 - 24 AC - DC
Absorption	110	110	60	60	60	70	70
Max. rating of 24 V (A) relay contacts	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	ABS – POLYCARBONATE	ABS – POLYCARBONATE	ABS – POLYCARBONATE	ABS – POLYCARBONATE	ABS – POLYCARBONATE	ABS – POLYCARBONATE	ABS – POLYCARBONATE

Code	Description	Price (Excl. VAT)
Delta-series infrared beam photocells		
001 DELTA-I 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	£ 62.40
001 DELTA-E 	Pair of surface-mounted 12 – 24 V AC – DC photocells with casing. Range 20 m.	£ 66.56
DIR- series, synchronized infrared-beam photocells		
001 DIR10 	Pair of 12 – 24 V AC – DC outdoor photocells – range 10 m. Surface mounted. Synchronized beam, multiple pairs of photocells can applied to the same system, even at double height and/or close to each other - with no interference issues (cross talk).	£ 48.88
001 DIR20 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 20 m. Surface mounted. Synchronized beam, multiple pairs of photocells can applied to the same system, even at double height and/or close to each other - with no interference issues (cross talk).	£ 66.56
001 DIR30 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 30 m. Surface mounted. Synchronized beam, multiple pairs of photocells can applied to the same system, even at double height and/or close to each other - with no interference issues (cross talk).	£ 80.08
Delta-S-series, synchronized infrared-beam photocells		
001 DELTA-SI 	Pair of 12 – 24 V AC – DC recessed-mounted photocells with casing.	£ 60.32
001 DELTA-SE 	Pair of surface-mounted 12 – 24 V AC – DC photocells. Range: 20 m.	£ 62.40
Accessories for: 001DELTA-I - 001DELTA-SI		
009 DOC-S	Recessed-mounting casing.	£ 3.12
001 DOC-L	Anodized aluminum with natural finish post. H = 500 mm.	£ 39.52
001 DOC-LN	Black anodized aluminum post. H = 500 mm.	£ 39.52
Accessories for: 001DELTA-E - 001DELTA-SE		
001 DOC-R	Steel brace for flush surface mounting on the post.	£ 6.24
001 DELTA-B	Natural-finish anodized aluminum post for bi-directional fitting. H = 500 mm	£ 47.84
001 DELTA-BN	Black anodized aluminum post for bi-directional fitting. H = 500 mm	£ 48.88

NOTES:

001DELTA-I and 001DELTA-E Up to four pairs of photocells can be fitted at once.



THE COMPLETE RANGE

Code	Description	Price (Excl. VAT)
Accessories for: 001DIR10 - 001DIR20 - 001DIR30		
001 DIRZ	Aluminum alloy, shock-proof protection.	£ 24.96
001 DIR-S	Recessed-mounting casing.	£ 3.12
001 DIR-L	Natural-finish aluminum post H = 500 mm.	£ 31.20
001 DIR-LN	Black anodized aluminum post. H = 500 mm.	£ 31.20
001 DIR-CG	Silver RAL9006, PVC post. H = 500 mm.	£ 22.88
Accessories for: 001DIR-LN		
001 DIR-PN	Black, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	£ 20.80
Accessories for: 001DIR-L		
001 DIR-P	Natural-finish, anodized aluminum post-extension for applying to double pair of photocells. H = 500 mm	£ 20.80
Accessories for: 001DIR-CG		
001 DIR-CGP	Silver RAL9006 post extension for fitting with double pair of photocells. H = 500 mm	£ 18.72





CAME SAFE

THE INDUSTRY'S NUMBER 1 GATE SAFETY COURSE

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CAME

RIO System 2.0

Wireless security system



Total safety today is also wireless

- Quicker 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)



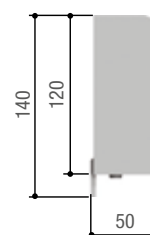
806SS-0030



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 - 869,85	868,95	868,95 - 869,85	868,95 - 869,85	868,95
Batteries	Two CR123A lithium batteries	1 x CR123A lithium	Two CR123A lithium batteries	-	-
Battery capacity (mAh)	1700	1700	1700	-	-
Max. absorption (mA)	-	-	-	80	25
Absorption while transmitting (mA)	15	15	15	-	-
Stand-by absorption (μA)	80	80	80	-	-
Max. rating of 24 V (A) relay contacts	-	-	-	1	-
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Material	ABS - POLYCARBONATE	ABS - POLYCARBONATE	ABS - POLYCARBONATE	ABS - POLYCARBONATE	-

• 24 V DC

Code	Description	Price (Excl. VAT)
Wireless, infrared beam photocells.		
806SS-0010	RIOPH8WS - Pair of wireless, infrared-beam photocells. Infrared range: 10 (m)	£ 117.52
		
Wireless modules		
806SS-0020	RIOED8WS - Wireless module for controlling resistive sensitive safety-edges.	£ 87.36
		
Wireless flashing lights		
806SS-0030	RIOLX8WS - Wireless flashing light	£ 93.60
		
Surface-mounted wireless control modules		
806SS-0050	RIOCT8WS - External radio-control module for managing wireless accessories.	£ 106.08
 		
Snap-in, wireless control modules for: BXV series and AXI series		
806SS-0040	RIOCN8WS - Snap-in, radio-based control module for managing wireless accessories.	£ 55.12
 		
Accessories for: 806SS-0010		
001 DB-L	Anodized aluminum with natural finish post. H = 500 mm.	£ 31.20
001 DB-LN	Black anodized aluminum post. H = 500 mm.	£ 31.20
001 DB-CG	Silver RAL9006, PVC post. H = 500 mm.	£ 31.20
Accessories for: 806SS-0030		
001 KIAROS	Wall-fastening base.	£ 8.32





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 makes for very rapid 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 current regulations 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.

806SS-0050



- Radio control module, with 30-meter range, which controls up to 10 wireless accessories of the Rio series, which have been programmed into the 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



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

HOW TO INSTALL

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-0030 (external) or 806SS-0040 (snap in for BXV-series).

INSTALLATION ACCESSORIES:

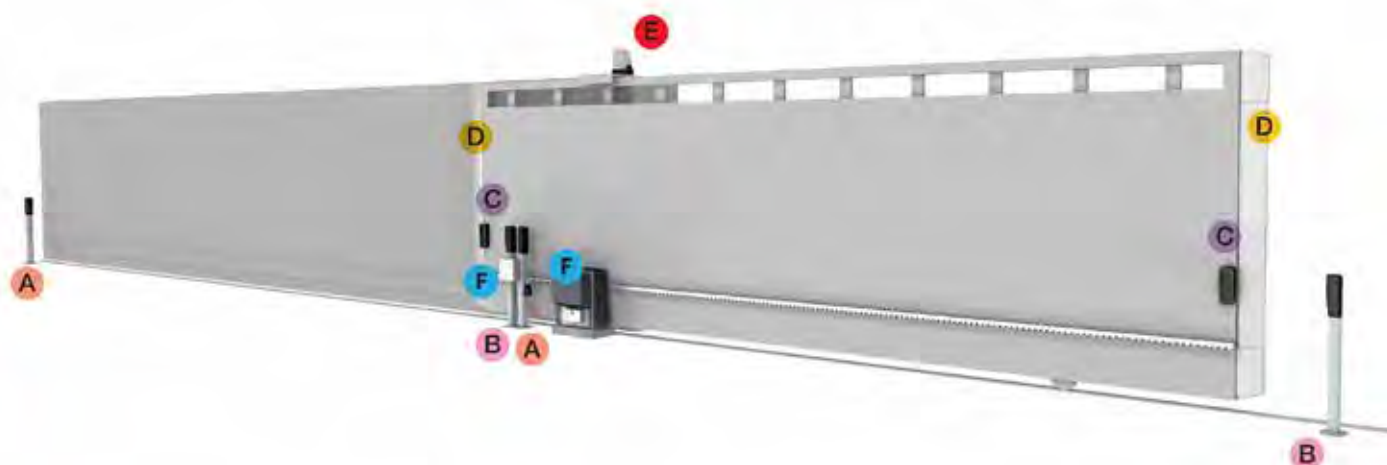
FOR RIO SYSTEM 2.0-SERIES PHOTOCELLS

001DB-L Post made of natural-finish anodized aluminum.

001DB-LN Post made of black anodized aluminum. H = 500 mm.

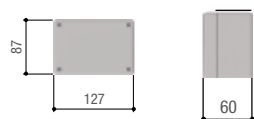
FOR RIO System 2.0 FLASHING LIGHT

001KIAROS Base for wall-mounting.





Dimensions (mm)



001DFI

Sensitive edges certified for total protection

- 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 (8K2).
- Specific for using with RIO System 2.0 (requires items: 806SS-0010 - 806SS-0040 - 806SS-0050).
- This product complies with regulatory standards EN13849-1

Technical characteristics

MODELS	DFWN1500	DFWN1700	DFWN2000	DFWN2500
Protection rating (IP)	54	54	54	54
Maximum speed measured at the end of the leaf (m/min)	12	12	12	12
Max. rating of 24 V (A) relay contacts	3 / 24 V (resistive)	3 / 24 V (resistive)	3 / 24 V (resistive)	3 / 24 V (resistive)
Operating temperature (°C)	-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

Code	Description	Price (Excl. VAT)
Sensitive safety-edges		
001 DFWN1500	Sensitive safety edge made of rubber, with mechanical contact. L = 1,500 mm.	£ 83.20
001 DFWN1700	Sensitive safety edge made of rubber, with mechanical contact. L = 1,700 mm.	£ 87.36
001 DFWN2000	Sensitive safety edge made of rubber, with mechanical contact. L = 2,000 mm.	£ 97.76
001 DFWN2500	Sensitive safety edge made of rubber, with mechanical contact. L = 2,500 mm.	£ 111.28
Components for: sensitive safety-edges		
001 DFI	Circuit board for self-diagnosing the electrical connections, 12 - 24 V AC – DC.	£ 32.24

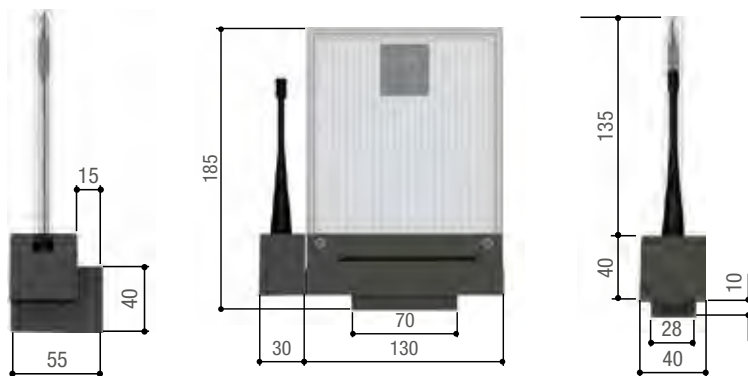


Formal elegance and technological innovation

- Long life and low consumption.
- The energy efficiency comes from lower consumption levels (6 W).
- One model, universal power supply.
- Dadoo is the only universal LED flashing-light because it works with different voltages: 120 - 230 V AC / 24 V AC - DC.



Dimensions (mm)



Finishings and lights

MODEL	DD-1KA	DD-1KB
Light colour	● AMBER	● BLUE
Frame colour	● CHARCOAL	● CHARCOAL

Technical characteristics

MODELS	DD-1KA	DD-1KB
Protection rating (IP)	54	54
Power supply (V)	120 - 230 AC 50/60 Hz - 24 AC - DC	120 - 230 AC 50/60 Hz - 24 AC - DC
Power (W)	7 (230 V AC) - 4 (120 V AC) - 6 (24 V AC) - 5 (24 V DC)	7 (230 V AC) - 4 (120 V AC) - 6 (24 V AC) - 5 (24 V DC)
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	ABS - PMMA	ABS - PMMA

● 120 - 230 V AC ● 24 V AC - DC

Code	Description	Price (Excl. VAT)
Flashing lights powered by 120 - 230 V AC / 24 V AC - DC		
001 DD-1KA	Flashing light with wall-mounting base and support. Amber LED lighting.	£ 70.72
001 DD-1KB	Flashing light with wall-mounting base and support. Blue LED lighting.	£ 80.97
433.92 Mhz antenna		
001 DD-1TA433	Tuned Antenna.	£ 38.48
868.35 Mhz antenna		
001 DD-1TA868	Tuned Antenna.	£ 34.95
Accessories		
001 TOP-RG58	Antenna cable.	£ 2.08



NEW LED-TECHNOLOGY

Dadoo is the new designer flashing light featuring LED lighting. Completely new in shape, it is light, user-friendly and quick to install.



LONG LIFE, LOW CONSUMPTION

The energy efficiency comes from lower consumption levels (6 W).



ONE MODEL, UNIVERSAL POWER SUPPLY

Dadoo is the only universal LED flashing-light because it works with different power-supply voltages: 120 - 230 V AC / 24 V AC - DC

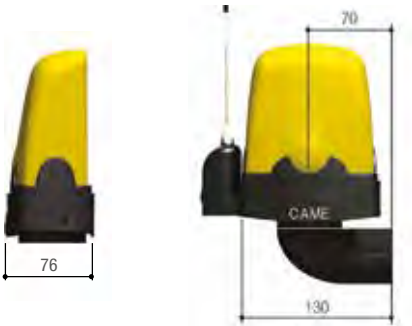


ACCESSORIES SERIES

All of the models are set up for integrating, to the right or left, of the different types of antennas, that is, 433.92 and 868.35 Mhz, and come with their own wall-mounting support.



Dimensions (mm)



The low-consuming, movement alerter.

- Sleek design and high-quality materials for a flashing light that offers much more than simple light alerts.
- Long life and low consumption.
- The energy efficiency is due to lower consumption (1W - 120 V AC / 2W - 230 V AC / 2 W - 24 V AC – DC).
- A wall-mounting support suitable for all installations.

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
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	ABS – POLYCARBONATE	ABS – POLYCARBONATE

● 120 - 230 V AC ● 24 V AC - DC

Code	Description	Price (Excl. VAT)
120 - 230 V AC Flashing light		
001 KLED	LED flashing light signaller	£ 34.32
24 V AC – DC Flashing light		
001 KLED24	LED flashing light signaller	£ 42.64
Accessories for: 001KLED - 001KLED24		
001 KIAROS	Wall-fastening base.	£ 8.32
433.92 Mhz antenna		
001 TOP-A433N	Tuned Antenna.	£ 21.84
868.35 Mhz antenna		
001 TOP-A862N	Tuned Antenna.	£ 22.88
Accessories for: 001TOP-A433N - 001TOP-A862N		
001 TOP-RG58	Antenna cable.	£ 2.08



FUNCTIONS TABLE

Characteristics

SERIES	MODEL	FREQUENCY 433.92 MHz	FREQUENCY 868.35 MHz	MODE TOP	MODE TAM	FUNCTION KEY CODE	MODE ROLLING CODE
TOP Rolling code	806TS-0110	●	●				●
	806TS-0111	●	●				●
	806TS-0112	●	●				●
	806TS-0113	●	●				●
	806TS-0114	●	●				●
	806TS-0115	●	●				●
	806TS-0120	●	●				●
	806TS-0121	●	●				●
	806TS-0122	●	●				●
	806TS-0123	●	●				●
	806TS-0124	●	●				●
	806TS-0125	●	●				●
TOP Fixed code	806TS-0090	●	●	●	●		
	806TS-0091	●	●	●	●		
	806TS-0092	●	●	●	●		
	806TS-0093	●	●	●	●		
	806TS-0094	●	●	●	●		
	806TS-0095	●	●	●	●		
	806TS-0100	●	●	●	●		
	806TS-0101	●	●	●	●		
	806TS-0102	●	●	●	●		
	806TS-0103	●	●	●	●		
	806TS-0104	●	●	●	●		
	806TS-0105	●	●	●	●		
ATOMO D	001AT02D	●	●				●
	001AT04D	●	●				●
TOP	001TOP-432EE	●		●	●		
	001TOP-434EE	●		●	●		
	001TOP-862EE		●	●	●		
	001TOP-864EE		●	●	●		
TWIN	001TW2EE	●		●	●	●	
	001TW4EE	●		●	●	●	
SEL Digital	806SL-0170	●		●	●		●
	806SL-0180		●	●	●		●

Transmitters-receivers pairings

Series	Model	Control Panel Type		Receiver Type		Receiver Modules *	
		Control Panel With Display *	Control Panel Without Display *	Two-Channel Receiver		806RV-0010	806RV-0020
		Plug-in radio-frequency board		001RE432M	001RE862M	Plug-in radio-frequency board	
Top Rolling code	806TS-0110	001AF43S or 001AF868	001AF43SR or 001AF868SR	●	●	001AF43S or 001AF868	
	806TS-0111			●	●		
	806TS-0112			●	●		
	806TS-0113			●	●		
	806TS-0114			●	●		
	806TS-0115			●	●		
	806TS-0120			●	●		
	806TS-0121			●	●		
	806TS-0122			●	●		
	806TS-0123			●	●		
	806TS-0124			●	●		
	806TS-0125			●	●		
TOP Fixed code	806TS-0090	001AF43S or 001AF868	001AF43S or 001AF868	●	●	001AF43S or 001AF868	
	806TS-0091			●	●		
	806TS-0092			●	●		
	806TS-0093			●	●		
	806TS-0094			●	●		
	806TS-0095			●	●		
	806TS-0100			●	●		
	806TS-0101			●	●		
	806TS-0102			●	●		
	806TS-0103			●	●		
	806TS-0104			●	●		
	806TS-0105			●	●		
ATOMO D	001AT02D	001AF43S or 001AF868	001AF43SR or 001AF868SR	●	●	001AF43S or 001AF868	
	001AT04D			●	●		
TOP	001TOP-432EE	001AF43S		●		001AF43S	
	001TOP-434EE			●			
	001TOP-862EE	001AF868			●	001AF868	
	001TOP-864EE				●		
TWIN	001TW2EE	001AF43S or 001AF43TW (Key Code)		●		001AF43S	
	001TW4EE			●			
SEL Digital	806SL-0170	001AF43S		●		001AF43S	
	806SL-0180	001AF868			●	001AF868	
	806SL-0150	001R800** or 806SL-0230					
	806SL-0160						

NOTES

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

** If required in the control panel, the item is available in the access-control catalog.

GENERAL CONDITIONS OF SALE

CAME BPT UK LTD (“THE SELLER”)

The Buyer's attention is drawn in particular to the provisions of clause 10.

1. INTERPRETATION

1.1 Definitions. In these Conditions, the following definitions apply:

Additional Charges:	any additional charges arising under the Contract payable by the Buyer in addition to the price for the Goods and “Additional Charge” shall mean any one of the Additional Charges.
Buyer:	the person firm or company who buys or agrees to buy the Goods from the Seller.
Conditions:	these terms and conditions of sale.
Contract:	the contract between the Seller and the Buyer for the sale and purchase of Goods in accordance with these Conditions.
Delivery Date:	the date specified by the Seller when the Goods are to be delivered or other such date as may be agreed by the parties in writing;
Delivery Location:	the location set out in the Order or such other location as the parties may agree in writing, or where no such location is specified, the Buyer's premises detailed on the quotation given by the Seller to the Buyer in respect of the Goods.
Force Majeure Event:	as defined in clause 11.1.
Goods:	all goods (or any part thereof) set out in the Order.
Group:	in relation to a company, that company, any subsidiary or holding company (as defined in section 1159 of the Companies Act 2006) of that company, and any subsidiary of a holding company of that company.
Order:	the Buyer's order for the Goods, as set out in the Buyer's purchase order form, the Buyer's written acceptance of the Seller's quotation, or overleaf, as the case may be.
Seller:	CAME BPT UK Limited, registered in England and Wales with company number 03267714, whose registered office is Unit 1B Sills Road, Willow Farm Business Park, Castle Donington, DE74 2US.
Wasted Time Rate:	the charge for wasted time at the Seller's standard rate for wasted time of £1 (one pound) per minute up to and including 30 (thirty) minutes and thereafter at a charge of £2 (two pounds) per minute, or such other charge as notified to the Buyer from time to time.

1.2 Construction. In these Conditions, the following rules apply:

- (a) A person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality).
- (b) A reference to a party includes its personal representatives, successors or permitted assigns.
- (c) A reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.
- (d) Any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.
- (e) A reference to writing or written includes faxes and e-mails.

2. BASIS OF CONTRACT

- 2.1 These Conditions shall apply to the sale by the Seller of all Goods purchased by the Buyer and these Conditions shall govern the Contract to the exclusion of any other terms and conditions introduced or submitted by the Buyer.
- 2.2 The Order constitutes an offer by the Buyer to purchase the Goods in accordance with these Conditions. The Buyer is responsible for ensuring that the terms of the Order and any applicable specification of the Goods are complete and accurate.
- 2.3 The Order shall only be deemed to be accepted when the Seller acknowledges the Order in writing and not before, at which point the Contract shall come into existence.
- 2.4 Any tenders or quotations will not constitute an offer. Any tenders or quotations submitted to the Buyer shall remain valid for the period stated therein, but if no period is specified such tenders and quotations shall be valid for 30 days from the date thereof. All tenders and quotations shall be subject to these Conditions.
- 2.5 Any typographical, clerical or other error or omission in any sales literature, quotation, pricelist, acceptance of offer, invoice or other documentation or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.
- 2.6 The Seller's employees or agents are not authorised to make any representations concerning the Goods unless confirmed by an authorised director of the Seller in writing. In entering into the Contract the Buyer acknowledges that it does not rely on any such representations which are not so confirmed, save that nothing in these Conditions shall exclude the Sellers liability for fraudulent misrepresentation.
- 2.7 No Order which has been accepted by the Seller may be cancelled by the Buyer except with the agreement in writing of the Seller and on terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation.

3. GOODS

- 3.1 The Goods are described in the Seller's catalogue as modified by any applicable specification.
- 3.2 Unless the Seller agrees otherwise, only the specifications referred to in the quotation shall form part of the Contract.
- 3.3 The Seller reserves the right subject to giving prior written notice to the Buyer to modify the said specifications where the Goods cannot in the opinion of the Seller be manufactured according to the said specifications and the Buyer agrees to accept the Goods as manufactured according to the specifications so modified in satisfaction of the Seller's obligations as to manufacture of the Goods under the Contract.
- 3.4 To the extent that the Goods are to be manufactured in accordance with a specification supplied by the Buyer, the Buyer shall indemnify the Seller against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other reasonable professional costs and expenses) suffered or incurred by the Seller in connection with any claim made against the Seller for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Seller's use of such specification. This clause 3.2 shall survive termination of the Contract.
- 3.5 The Seller reserves the right to make any changes to the Goods:
 - (a) which are required so that the Goods conform with any applicable statutory or EU requirement; or
 - (b) where such changes to the Goods do not materially affect the quality or performance of the Goods.

4. SAFETY

- 4.1 Any Goods supplied by the Seller shall be handled correctly by the Buyer and in accordance with any of the Seller's instructions as notified to the Buyer from time to time. The Buyer must ensure that all appropriate safety precautions are taken and that its staff is aware of and comply with all storage and usage instructions.

5. DELIVERY

- 5.1 Unless otherwise agreed by the Seller in writing, the Seller will deliver the Goods to the Delivery Location.
- 5.2 The Seller will reasonably endeavour to deliver the Goods on the Delivery Date, but the time of delivery or performance shall not be of the essence. The Seller shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Buyer's failure to provide the Seller with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
- 5.3 If the Seller fails to deliver the Goods (or any instalment thereof) the Seller's liability shall be limited to the excess (if any) of the cost to the Buyer (in the cheapest available market) of similar goods to replace those not delivered over the Price of the Goods. The Seller shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event, the Buyer's fault, or the Buyer's failure to provide the Seller with adequate instructions in relation to delivery or otherwise.
- 5.4 The Buyer shall provide the Seller with clear delivery instructions and accept delivery on the Delivery Date and at the Delivery Location. Upon delivery the Buyer shall sign a delivery note which will be conclusive evidence that delivery of the Goods has been made.
- 5.5 Unless the Seller agrees otherwise in writing, the Seller shall unload the Goods. The Buyer shall ensure that at least one representative is available to assist the Seller during the unloading of the Goods. Other than by reason of the Seller's fault, the Buyer shall be charged, as an Additional Charge, for wasted time at the Wasted Time Rate and any other expenses incurred by the Seller for:
 - (a) any delay caused by the Buyer's inability or unwillingness to accept delivery of, or to collect, the Goods; and/or
 - (b) each repeat delivery where the Seller or Seller's carrier leaves the Delivery Location and subsequently returns to the Delivery Location with the Goods.
- 5.6 If the Buyer fails to accept delivery of the Goods within three Business Days of the Seller notifying the Buyer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event or the Seller's failure to comply with its obligations under the Contract:
 - (a) delivery of the Goods shall be deemed to have been completed at 9.00am on the third working day after the day on which the Seller notified the Buyer that the Goods were ready; and
 - (b) the Seller will store the Goods until delivery takes place, and charge the Buyer for all related costs and expenses (including insurance).
- 5.7 If the Buyer has not accepted delivery of the Goods within 10 working days from day after the Seller notified the Buyer that the Goods were ready for delivery, the Seller may resell or otherwise dispose of part or all of the Goods and, after deducting reasonable storage and selling costs, account to the Buyer for any excess over the price of the Goods or charge the Buyer for any shortfall below the price of the Goods.
- 5.8 The Seller shall have the right to deliver any Goods ordered in instalments. Failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Buyer in respect of the Goods delivered in any one or more instalments shall not entitle the Buyer either to treat the Contract as a whole as repudiated or to reject or refuse to take delivery of any of the Goods delivered in any other instalment.

6. RISK AND TITLE

- 6.1 Risk in the Goods shall pass to the Buyer at the time of delivery, or if the Buyer wrongfully fails to take delivery, the time when delivery is deemed to have taken place in accordance with clause 5.6(a).
- 6.2 Title to the Goods shall not pass to the Buyer until the earlier of:
 - (a) the Seller receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Seller has supplied to the Buyer in respect of which payment has become due, in which case title to the Goods shall pass at the time of payment of all such sums; or
 - (b) the Buyer resells the Goods, in which case title to the Goods shall pass to the Buyer at the time specified in clause 6.4.
- 6.3 Until title to the Goods has passed to the Buyer, the Buyer shall:
 - (a) store the Goods separately from all other goods held by the Buyer so that they remain readily identifiable as the Seller's property;
 - (b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
 - (c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
 - (d) notify the Seller immediately if it becomes subject to any of the events listed in clause 13.1;
 - (e) give the Seller such information relating to the Goods as the Seller may require from time to time; and
 - (f) not pledge or in any way charge by way of security for any indebtedness any of the Goods.
- 6.4 Subject to clause 6.5, the Buyer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Seller receives payment for the Goods. However, if the Buyer resells the Goods before that time:
 - (a) it does so as principal and not as the Seller's agent; and
 - (b) title to the Goods shall pass from the Seller to the Buyer immediately before the time at which resale by the Buyer occurs.
- 6.5 If before title to the Goods passes to the Buyer the Buyer becomes subject to any of the events listed in clause 13.1, then, without limiting any other right or remedy the Seller may have:
 - (a) the Buyer's right to resell the Goods or use them in the ordinary course of its business ceases immediately; and
 - (b) the Seller may at any time:
 - (i) require the Buyer to deliver up all Goods in its possession which have not been resold, or irrevocably incorporated into another product; and
 - (ii) if the Buyer fails to do so promptly, enter any premises of the Buyer or of any third party where the Goods are stored in order to recover them.

7. PRICE

- 7.1 The price for the Goods shall be the price specified by the Seller in the quotation or, if no price is quoted, the price set out in the Seller's published price list in force as at the date of delivery.
- 7.2 Unless otherwise agreed in writing, the price of the Goods is exclusive of the costs and charges of packaging, insurance and transport of the Goods, which shall be invoiced to the Buyer as an Additional Charge.
- 7.3 The price of the Goods and any Additional Charges are exclusive of amounts in respect of value added tax (VAT). The Buyer shall, on receipt of a valid VAT invoice from the Seller, pay to the Seller such additional amounts in respect of VAT as are chargeable on the supply of the Goods.
- 7.4 The Seller may, by giving notice to the Buyer at any time before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
 - (a) any factor beyond the Seller's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
 - (b) any request by the Buyer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or

(c) any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate or accurate information or instructions.

8. PAYMENT

8.1 The Seller shall be entitled to invoice the Buyer for price of the Goods and any Additional Charges on or at any time before dispatch of the Goods or any instalment thereof. In the event that any Additional Charges arise following the issue by the Seller of the invoice, the Seller shall be entitled to invoice the Buyer as and when the Additional Charges arise.

8.2 Unless otherwise agreed in writing, the Buyer shall pay the invoice in full and in cleared funds by the date specified in the invoice or where no date or time frame is specified within 30 calendar days of the date of the invoice. Payment shall be made to the bank account nominated in writing by the Seller. Time of payment is of the essence.

8.3 The Buyer shall make payment for the price of the Goods in Sterling (euros) unless agreed otherwise in writing. Any payment received by the Seller in any other currency will not be deemed to be payment for the Goods in question. Where the Buyer makes payment for the Goods by cheque the Seller reserves the right to charge a surcharge of £10.00 in the event that any cheque rendered in payment of the Seller's invoices initially refused.

8.4 If the Buyer fails to make payment due to the Seller under the Contract by the due date for payment then, without prejudice to any other right or remedy available to the Seller:

- (a) all invoices issued to the Buyer by the Seller in respect of any Goods sold or supplied pursuant to the Contract or any goods sold or supplied pursuant to any other contract shall immediately fall due for payment;
- (b) any credit, settlement terms, supply of goods or discount rates offered or extended by the Seller to the Buyer in respect of the same shall be cancelled immediately;
- (c) the Buyer shall pay interest on the overdue amount at the rate of 10% per annum above Seller's bank's base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Buyer shall pay the interest together with the overdue amount; and
- (d) the Seller shall be entitled to suspend any further deliveries of any Goods or goods agreed to be sold by the Seller to the Buyer or any instalment thereof (being the subject of the Contract or any other contract).

8.5 The Buyer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Seller may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Buyer against any amount payable by the Seller to the Buyer.

9. WARRANTY

9.1 The Seller warrants that:

- (a) the Goods will correspond with the Seller's specification for them on delivery;
- (b) the Goods (except those wear items that are listed in the Seller's guide entitled "Operations Guide Relating to the Goods" as notified to the Buyer and as amended from time to time) manufactured by the Seller or its Group, will be free from material defects for 3 years from the Delivery Date; and
- (c) where the seller is supplying goods from other manufacturers; their standard recommended warranty will apply.

9.2 Subject to clause 9.3, if:

- (a) the Buyer gives notice in writing to the Seller immediately on discovery but in any event within 14 days of discovery that some or all of the Goods do not comply with the warranty set out in clause 9.1;
- (b) the Seller is given a reasonable opportunity of examining such Goods; and
- (c) the Buyer (if asked to do so by the Seller) returns such Goods to the Seller's place of business at the Buyer's cost, the Seller shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.

9.3 The Seller shall not be liable for Goods' failure to comply with the warranty set out in clause 9.1 in any of the following events:

- (a) the Buyer makes any further use of such Goods after giving notice in accordance with clause 9.2;
- (b) the defect arises because the Buyer failed to follow the Seller's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;
- (c) the defect arises as a result of the Seller following any drawing, design or Specification supplied by the Buyer;
- (d) the Buyer alters or repairs such Goods without the written consent of the Seller;
- (e) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
- (f) the Goods differ from their description specification as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

9.4 Except as provided in this clause 9, the Seller shall have no liability to the Buyer in respect of the Goods' failure to comply with the warranty set out in clause 9.

9.5 The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

9.6 These Conditions shall apply to any repaired or replacement Goods supplied by the Seller.

10. LIABILITY

10.1 Nothing in these Conditions shall limit or exclude the Seller's liability for:

- (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
- (b) fraud or fraudulent misrepresentation;
- (c) breach of the terms implied by section 12 of the Sale of Goods Act 1979;
- (d) defective products under the Consumer Protection Act 1987; or
- (e) any matter in respect of which it would be unlawful for the Seller to exclude or restrict liability.

10.2 Subject to clause 10.1:

- (a) the Seller shall under no circumstances whatever be liable to the Buyer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, goodwill or any indirect or consequential loss arising under or in connection with the Contract; and
- (b) the Seller's total liability to the Buyer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed 100% of price of the Goods.

11. FORCE MAJEURE

11.1 The Seller shall not be liable to the Buyer nor be deemed to be in breach of Contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Contract if the delay or failure was due to a Force Majeure Event. The following shall (without limitation) be regarded as Force Majeure Event:

- (a) act of God, explosion, flood, tempest, fire or accident;
- (b) war or threat of war, sabotage, insurrection, terrorism, civil disturbance or requisition;
- (c) acts, restrictions, regulations, bye-laws, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority;
- (d) import or export regulations or embargoes;
- (e) strikes, lock-outs or other industrial actions or trade disputes (whether involving employees of the Seller or of a third party);
- (f) difficulties in obtaining raw materials, labour, fuel, parts or machinery; and
- (g) power failure or breakdown in machinery.

12. INTELLECTUAL PROPERTY

12.1 All specifications, drawings, designs and technical description, and all documents and information and "know-how" whatsoever supplied by the Seller to the Buyer is as between the Seller and the Buyer the Seller's intellectual property and shall at all times be treated by the Buyer as confidential and shall not without the prior written consent of the Seller be used by the Buyer except for the purposes of the Contract.

12.2 The Buyer will indemnify the Seller against all actions claims demands costs charges, penalties, royalties and expenses arising directly or indirectly or incurred by reason of any infringement or alleged infringement of or any right attributable to any letters patent, registered design trade mark, trade name, copyright or proprietary right arising from the use of any instructions, specifications or designs whether express or implied supplied by the Buyer to the Seller.

13. INSOLVENCY OF BUYER

13.1 This Condition applies if:

- (a) the Buyer makes any voluntary arrangement with its creditors or (being an individual or firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for the purposes of amalgamation or reconstruction); or
- (b) an encumbrancer takes possession or a receiver is appointed, of any of the property or assets of the Buyer; or
- (c) the Buyer ceases, or threatens to cease, to carry on business; or
- (d) the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.

13.2 If this Condition applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to terminate the Contract with immediate effect by giving written notice to the Buyer and/or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered but not paid for, all of the Seller's outstanding invoices to the Buyer become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

13.3 Termination of the Contract, however arising, shall not affect any of the parties' rights, remedies, obligations and liabilities that have accrued as at termination.

14. GENERAL

14.1 Notices. Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to that other party at his registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.

14.2 Severance. If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions shall remain in full force and effect.

14.3 Waiver. No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

14.4 Third party rights. A person who is not a party to the Contract shall not have any rights to enforce its terms.

14.5 Variation. No variation of these Conditions may be given by any of the Seller's employees unless confirmed in writing by an authorised director of the Seller and no collateral or supplemental contract may be made or construed unless confirmed in writing by an authorised director of the Seller on the Seller's official stationery.

14.6 Entire Agreement. The Buyer acknowledges that it has not relied on any statement, promise, representation, assurance or warranty made or given by or on behalf of the Seller which is not set out in the Contract.

14.7 Governing law and jurisdiction. The Contract shall be governed by the laws of England, and the Buyer agrees to submit to the non-exclusive jurisdiction of the English courts.

15. SPECIFICATIONS AND INSTRUCTIONS

15.1 Unless the Seller agrees otherwise, only the specifications referred to in the quotation shall form part of the Contract.

15.2 The Seller reserves the right subject to giving prior written notice to the Buyer to modify the said specifications where the Goods cannot in the opinion of the Seller be manufactured according to the said specifications and the Buyer agrees to accept the Goods as manufactured according to the specifications so modified in satisfaction of the Seller's obligations as to manufacture of the Goods under the contracts.

15.3 App Based Goods – the Buyer shall ensure that prior to supplying any app based goods to any customer it shall include within its customer terms and conditions for supply of the App based Goods a requirement for the customer to have read, understood and agreed to the app terms and conditions for the Goods prior to completion of purchase of the Goods. Where such Goods are supplied or installed by a third party for and/or on behalf of the Buyer the Buyer shall ensure that such installer also complies with this clause 10.3 by including this provision in its contract with the installer.

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CAME Poland, Warszawa

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AMERICAS

BRAZIL

CAME do Brasil Serviços de
Automação, São Paulo

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