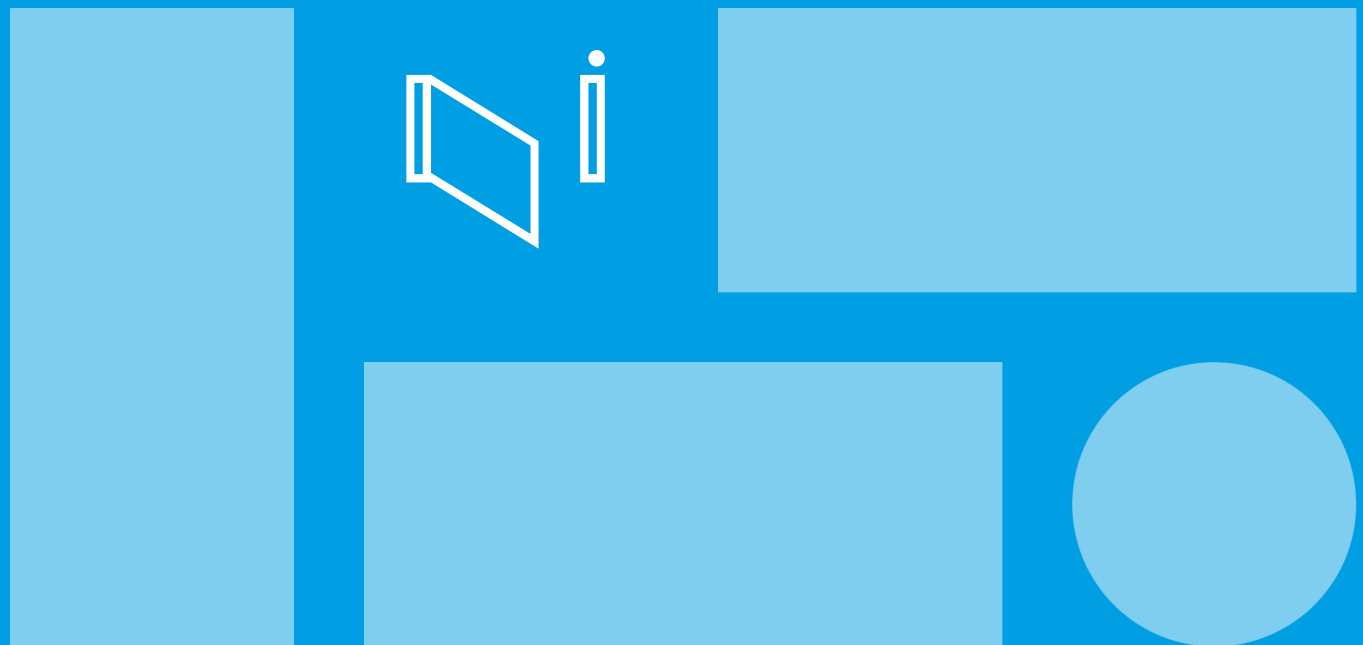


SWING GATE AUTOMATION



76	SELECTION GUIDE
80	ATS
84	AXL
86	AXI
88	AXO
90	ATI
92	KRONO
94	STYLO
96	FTL
98	FTX
102	FAST 70
106	FERNI
108	FROG
112	FROG PLUS
114	SUPER FROG
117	CONTROL BOARD FUNCTIONS
118	ATS - 8K01MP-023 KIT
119	ATS - 8K01MP-024 KIT
120	AXL - 8K01MP-016 KIT
121	AXI - 8K01MP-012 KIT
122	AXI - 8K01MP-006 KIT
123	KRONO - 001U1626ML KIT
124	ATI - 8K01MP-035 KIT
125	ATI - 001U7013ML KIT
126	AXO - 8K01MP-034 KIT
127	AXO - 001U7337ML KIT
128	STYLO - 8K01MB-015 KIT
129	STYLO - 8K01MB-016 KIT
130	FTL - 8K01MB-007 KIT
131	FTX - 8K01MB-006 KIT
132	FTX - 8K01MB-010 KIT
133	FAST 70 - 8K01MB-008 KIT
134	FAST 70 - 001U1855 KIT
135	FAST 70 - 001U1872 KIT
136	FERNI - 001U1274 KIT
137	FERNI - 8K01MB-017 KIT
138	FROG - 8K01MI-006 KIT
139	FROG - 001U1901ML KIT

Selection guide

Swing gate operators

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

Series	Model	Max. width of leaf (m)	Max. C-distance (mm)
FROG	FROG-AV	1.3	-
STYLO	STYLO-RME	1.8	180 (200 with item 001STYLO-BD)
STYLO	STYLO-ME	1.8	180 (200 with item 001STYLO-BD)
AXL	801MP-0020	2	60
AXI	801MP-0030	2	60
FTL	801MB-0080	2	150 (300 with item 801XC-0070)
FTL - FTX	801MB-0050	2	150 (300 with item 801XC-0070)
FTX	801MB-0070	2	150 (300 with item 801XC-0070)
FTX	801MB-0110	2	50 (300 with item 801XC-0070)
FTX	801MB-0120	2	50 (300 with item 801XC-0070)
FAST 70	FA70230CB	2.3	200 (300 with item 801XC-0070)
FAST 70	FA70230	2.3	200 (300 with item 801XC-0070)
FAST 70	FA7024CB	2.3	200 (300 with item 801XC-0070)
FAST 70	FA7024	2.3	200 (300 with item 801XC-0070)
FAST 70	801MB-0090	2.3	300
FAST 70	801MB-0100	2.3	300
AXI	801MP-0040	2.5	60
ATS	801MP-0050	3	200
ATS	801MP-0070	3	200
ATS	801MP-0090	3	200
ATS	801MP-0110	3	200
ATI	A3000A	3	60
ATI	A3024N	3	60
ATI	A3000	3	60
AXO	AX302304	3	70
AXO	AX312304	3	70
AXO	AX3024	3	70
KRONO	KR300D - KR300S	3	60
KRONO	KR302D - KR302S	3	60
KRONO	KR310D - KR310S	3	60
KRONO	KR312D - KR312S	3	60
FROG	FROG-A	3.5	-
FROG	FROG-AE	3.5	-
FROG	FROG-A24	3.5	-
FROG	FROG-A24E	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
ATS	801MP-0060	5	200
ATS	801MP-0100	5	200
ATS	801MP-0080	5	200
AXO	AX5024	5	150
ATI	A5000A	5	120
ATI	A5024N	5	120
ATI	A5000	5	120
KRONO	KR510D - KR510S	5	120
KRONO	KR512D - KR512S	5	120
FROG PLUS	FROG-PM4	5.5	-
AXO	AX71230	7	150
FROG PLUS	FROG-PM6	7	-
SUPER FROG	FROG-MD - FROG-MS	8	-

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



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.



SWING GATES SURFACE OPERATOR

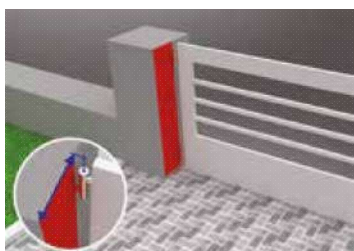
Simple installation with no setting up.

It is by far the most popular among swing gates.



SWING GATES HINGED-ARM GEARMOTORS

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



MAXIMUM C-DISTANCE ON SWING GATES

That is the centre-distance between the inner corner of the post and the gate's rotating axis.

The limits to this measurement allow you to pick the most suitable operator for any gate.

The flashing light for movement signaling.

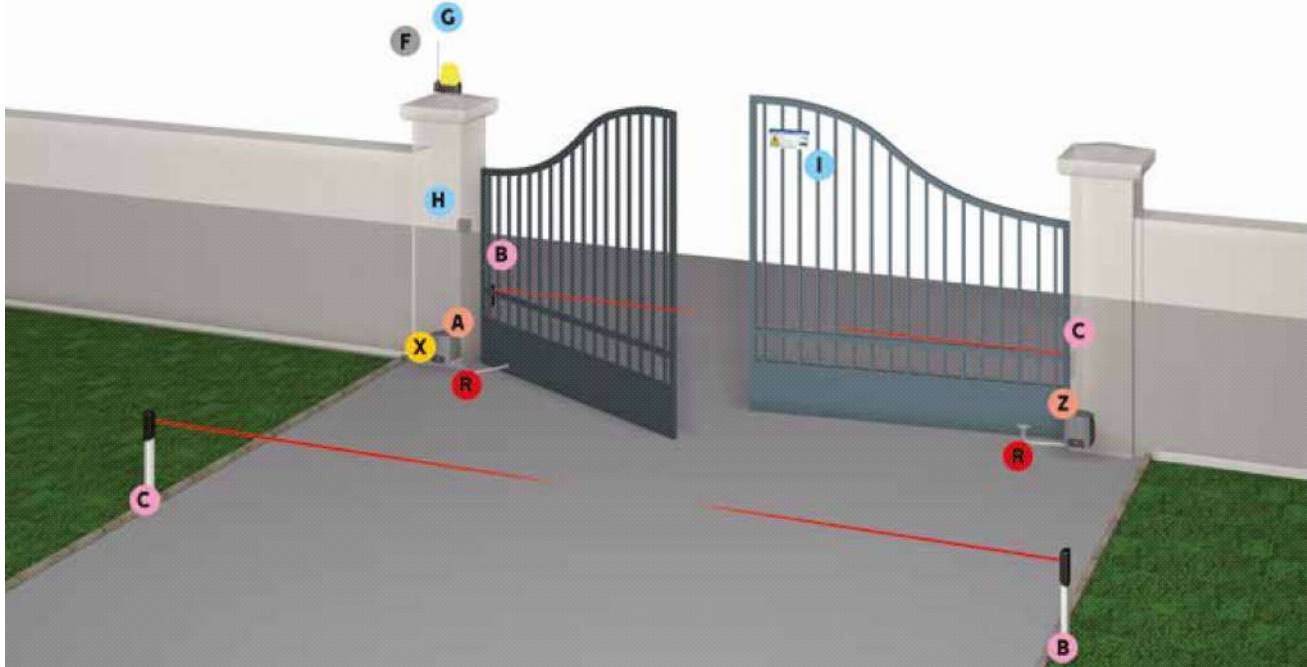
CAME has always suggested installing the flashing light as an additional safety feature for the automation system.

The KRX range combines energy savings and great reliability with ease of installation.

KRX can be integrated with all CAME radio systems, is available in various colors, has a built-in radio antenna and each model can be powered from 24 V DC to 230 V AC.



SWING GATE WITH POWER ARM



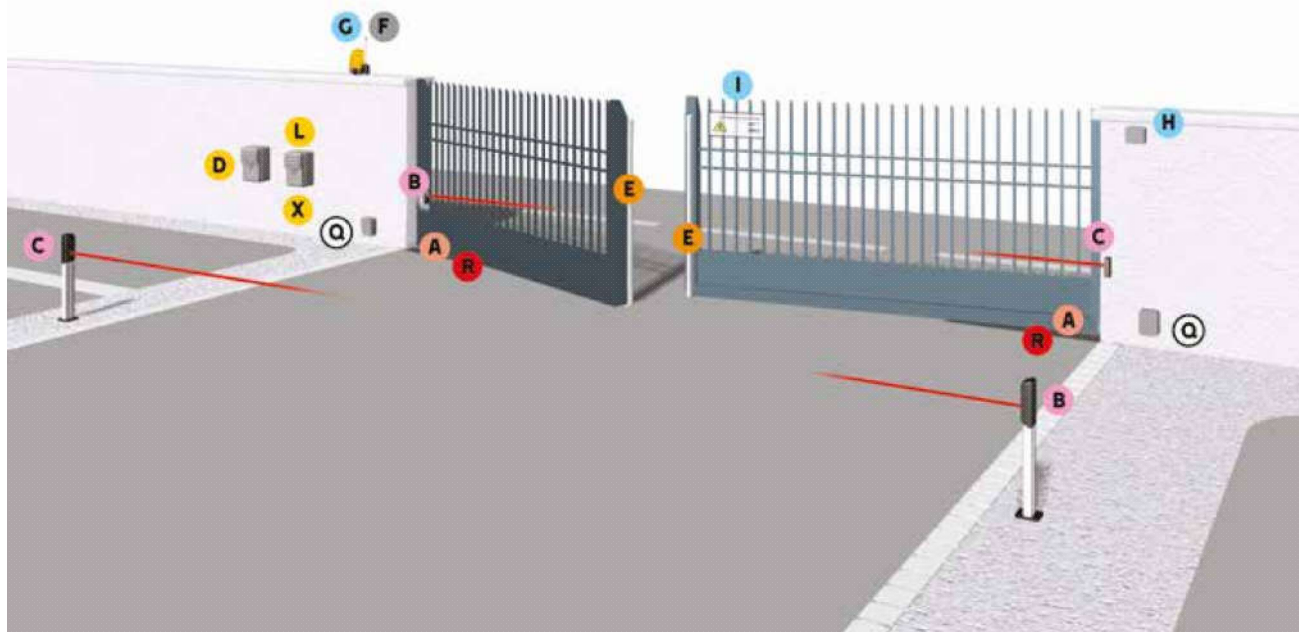
COMPONENTS

- | | |
|---|--|
| A Operator (garmotor with control board) | I Plaque |
| Z Gearmotor | N CordlessTX/RX photocells or TX photocells |
| B TX Photocells | O CordlessTX/RX photocells or RX photocells |
| C RX Photocells | R Drive levers |
| F Flashing light | X Radio frequency card |
| G Antenna | |
| H Control switch
(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 or 36 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
TX Photocells	2 x 1 mm ²	2 x 1 mm ²	2 x 1 mm ²
RX Photocells	2 x 1.5 mm ²	2 x 1.5 mm ²	2 x 1.5 mm ²
Elettoserratura 12 V DC	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
Elettoserratura 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 TX Photocells | L Control panel |
| C RX Photocells | N Cordless TX/RX photocells or TX photocells |
| D Control card for operating during power outages | O Cordless TX/RX photocells or RX photocells |
| E Sensitive safety-edges | Q Junction box (only for the Frog series) |
| F Flashing light | R Drive levers |
| G Antenna | X Radio frequency card |
| H Control switch | |
- (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 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 or 36 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
TX Photocells	2 x 0.5 mm ²	2 x 0.5 mm ²	2 x 0.5 mm ²
RX Photocells	4 x 0.5 mm ²	4 x 0.5 mm ²	4 x 0.5 mm ²
Elettoserratura 12 V DC	2 x 1 mm ²	2 x 1 mm ²	2 x 1.5 mm ²
Elettoserratura 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		

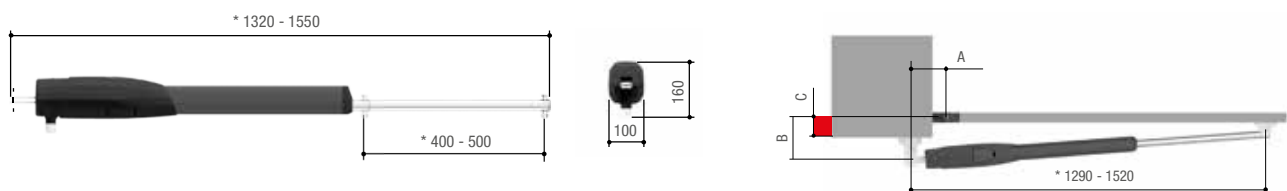
*no. = see product mounting instructions - Attention: the cable section is merely indicative as it depends on the motor power and cable length.



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

- Designed for applications with C Max. up to 200 mm.
- Sturdy and durable with die-cast aluminium supporting structure.
- Reducer with bevel gear for greater fluidity of movement.
- Release system, with the possibility of remote control.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

Dimensions (mm)



Application dimensions (mm)

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

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

Operational limits

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

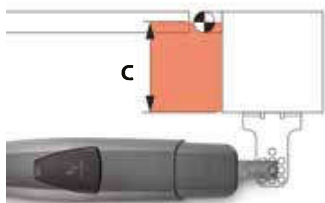
MODELS	801MP-0060 • 801MP-0080 • 801MP-0100				
Max. length of leaf (m)	5	4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)	120				

Technical characteristics

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

Code Description

230 V AC Gearmotors	
801MP-0050	ATS30AGS - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.
801MP-0060	ATS50AGS - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm with up to 5 m leaves that weighs up to 400 kg. RAL7024 gray color.
801MP-0090	ATS30AGR - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm, ready for remote release, with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.
801MP-0100	ATS50AGR - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm, ready for remote release, with up to 5 m leaves that weighs up to 400 kg. RAL7024-gray color.
Control panels for 230 V AC gearmotors	
002ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.
002ZM3E 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.
24 V DC gearmotors	
801MP-0070 	ATS30DGS - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.
801MP-0080 	ATS50DGS - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm with up to 5 m leaves that weighs up to 400 kg. RAL7024-gray color.
801MP-0110 	ATS30DGR - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm, ready for remote release, with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.
Control panels for 24 V gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
801QA-0050 	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
801QA-0060 	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
002ZL65 	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.



C MAX UP TO 200 MM

ATS is the universal solution, ideal for both small or large residential settings.

It is a very versatile operator and thanks to the telescopic extension it is able to adapt perfectly to posts of different depths.

EASY MANUAL RELEASE

In case of need it is possible to unlock the motor to open or close the gate leaf manually.

A single gesture is sufficient to unlock ATS. The pin to be operated is protected by a flap that simply opens with a finger.

The new tri-lobed key also has a completely new design, for greater ergonomics.

THE COMPLETE RANGE

Code	Description
Accessories for: 801MP-0090 - 801MP-0100 - 801MP-0110	
001 H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.
Accessories for: 002ZL65 - 801QA-0050 - 801QA-0060	
002 RLB	Circuit board for emergency operation and battery charging.
Accessories	
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.





MONDRIAN

TUBULAR MOTORS
WITH MECHANICAL
LIMIT SWITCH

CAME 

CAME.COM

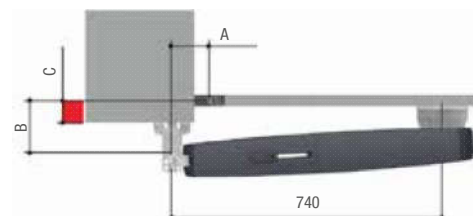
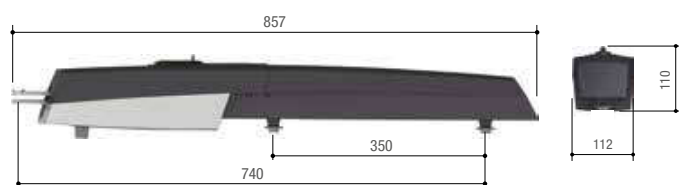


Solution for applying in private homes

- Gearmotor with bevel gear for greater fluidity of movement.
- Integrated, adjustable mechanical limit switches.
- Simplified connections and one, three-conductor cable.
- Control board with terminal blocks, dip switches and storage for up to 25 users.
- Release system protected by trilobe key.
- Ready for operation in case of power outage.



Dimensions (mm)



Application dimensions (mm)

ARTICULATED ARM	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)	2,2	1,7	1
Max. weight of leaf (kg)	200	225	250
Max. leaf opening (°)	115		

Technical characteristics

MODELS	801MP-0020
Protection rating (IP)	44
Power supply to motor (V)	24 DC
Power (W)	120
Maneuvering time at 90° (s)	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
------	-------------

24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--

801MP-0020	AXL20DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey color.
-------------------	---



Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453 - EN 12445	
---	--

002ZL60	Control panel for one or two-leaf swing gates, dip-switch setting, on-board radio decoding and self-diagnosing safety devices.
----------------	--



Accessories for: 002ZL60	
--------------------------	--

002RLB	Circuit board for emergency operation and battery charging.
---------------	---



Accessories for: 002ZL60	
--------------------------	--

001RGP1	Green Power module to disconnect the transformer for energy saving while the operator is not in use.
----------------	--

001R800	Control board for decoding and access-control management via keypad selectors.
----------------	--



Accessories	
-------------	--

001RSWN001	Pull-cord remote release device for operators.
-------------------	--



Accessories for: 001RSWN001	
-----------------------------	--

001H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.
-----------------	---



NOTES:

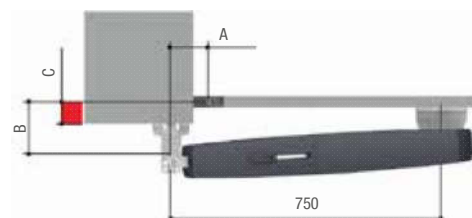
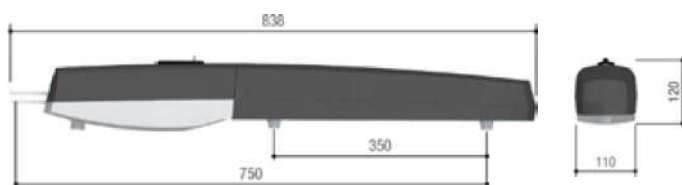
002RLB - No. 2 12 V – 1.3 Ah batteries, not supplied.

Solution for applying in private homes and apartment buildings

- Gearmotor with bevel gear for greater fluidity of movement.
- Integrated, adjustable mechanical limit switches.
- Simplified connections and one, three-conductor cable.
- Control board with terminal blocks, display and storage for up to 250 users.
- Self-diagnosing safety devices.
- Ready for operation in case of power outage.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.



Dimensions (mm)



Application dimensions (mm)

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

Operational limits

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

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

Technical characteristics

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

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

Code Description

24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445

801MP-0030 AXI20DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-gray color.



801MP-0040 AXI25DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2.5 m leaves that weighs up to 250 kg. RAL7024-gray color.



Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453 - EN 12445

002ZL65 Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.



Accessories

001RSWN001 Pull-cord remote release device for operators.

Accessories for: 001RSWN001

001H3000 Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.

Accessories for: 002ZL65

002RLB Circuit board for emergency operation and battery charging.



Accessories for: 002ZL65

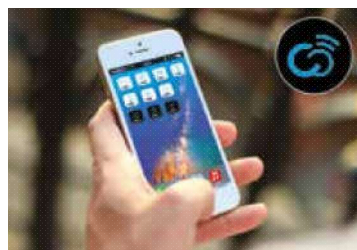
001RGP1 Green Power module to disconnect the transformer for energy saving while the operator is not in use.

001R700 Control board for decoding and access-control management via transponder selector.

001R800 Control board for decoding and access-control management via keypad selectors.

002RSE Interface card for controlling two operators or for enabling the Came Remote Protocol.

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



WE CONNECT. YOU CONTROL.

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

Download CAME AUTOMATION APP from Google play or App Store.

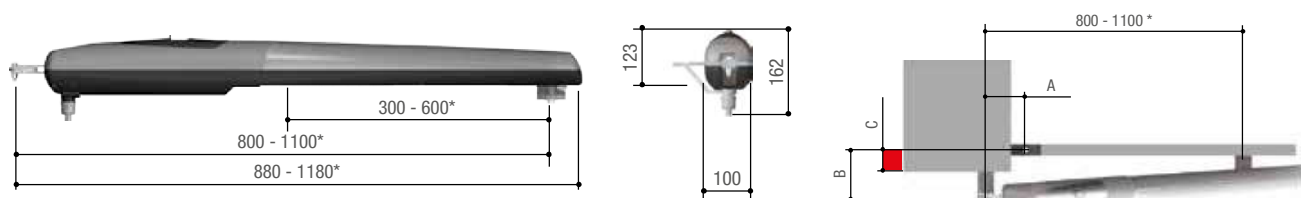




Solution for applying in private homes and apartment buildings

- Motor and encoder management with three-wire cable in 24 V DC versions.
- Supporting structure in die-cast aluminium.
- Ready for operation in case of power outage in the 24 V DC versions.
- Integrated, adjustable mechanical limit switches.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

Dimensions (mm)



* 001AX5024 • 001AX71230

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.

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	2
Max. weight of leaf (kg)	300	500	600	800

MODEL	AX5024				
Max. width of leaf (m)	*5	*4	3	2,5	2
Max. weight of leaf (kg)	400	500	700	800	1000

MODEL	AX71230						
Max. width of leaf (m)	**7	**6	*5	*4	3	2,5	2
Max. weight of leaf (kg)	300	350	400	500	700	800	1000

Max. leaf opening (°)	120
-----------------------	-----


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	1,5	1,5	1,5	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
Thrust (N)	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	150	-	-


● 230 V AC ● 24 V DC


Code	Description
------	-------------

230 V AC gearmotors tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--


001 AX302304 	Irreversible 230 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.
--	---

001 AX312304 	Reversible 230 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.
--	---


001 AX402306 	Irreversible 230 V gearmotor with encoder for swing gates with up to 4 m leaves that weighs up to 300 kg.
--	---

001 AX412306 	Reversible 230 V gearmotor with encoder for swing gates with up to 4 m leaves that weighs up to 300 kg.
--	---


230 V AC Gearmotors	
---------------------	--


001 AX71230 	Reversible 230 V gearmotor with encoder for swing gates with up to 7 m leaves that weighs up to 300 kg.
---	---

Control panels for 230 V AC gearmotors	
--	--


002 ZM3E 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.
--	---


24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--

001 AX3024 	Irreversible 24 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.
--	--


001 AX5024 	Irreversible 24 V gearmotor with encoder for swing gates with up to 5 m leaves that weighs up to 400 kg.
--	--

Control panels for 24 V gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--

801QA-0050 	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
--	--

801QA-0060 	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
--	---

Accessories for: 801QA-0050 - 801QA-0060	
--	--

002 RLB 	Circuit board for emergency operation and battery charging.
---	---

Accessories	
-------------	--

001 LOCK81	Single cylinder electric lock.
-------------------	--------------------------------

001 LOCK82	Double cylinder electric lock.
-------------------	--------------------------------



Solution for applying in private homes and apartment buildings

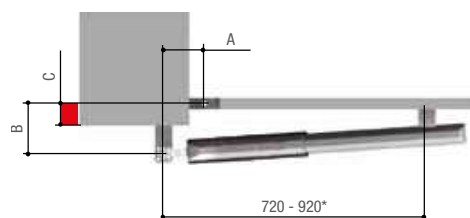
- Irreversible gearmotor.
- Amperometric obstruction detection.
- Motor and encoder management with three-wire cable in 24 V DC versions.
- Ready for operation in case of power outage in the 24 V DC versions.



Dimensions (mm)



* 001A5000 • 001A5024N



Application dimensions (mm)

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

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

Operational limits

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














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

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

Technical characteristics

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

● 230 V AC

Code	Description
230 V AC Gearmotors	
001 A3000	Irreversible 230 V gearmotor for swing gates with opening limit-switch micro-switches with up to 3 m leaves that weighs up to 400 kg.
001 A3000A	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 A5000	Irreversible 230 V gearmotor with opening limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
001 A5000A	Irreversible 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
Control panels for 230 V AC gearmotors	
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.
24 V DC gearmotors	
001 A3024N 	Irreversible 24 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 A5024N 	Irreversible 24 V gearmotor with opening limit-switch micro-switch and closing micro-switch for swing gates with up to 5 m leaves that weighs up to 400 kg.
Control panels for 24 V DC gearmotors	
801QA-0050     	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
801QA-0060     	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
Accessories for: 801QA-0050 - 801QA-0060	
002 RLB 	Circuit board for emergency operation and battery charging.
Accessories	
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.
001 D001	Lock cylinder with DIN key.
001 H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.

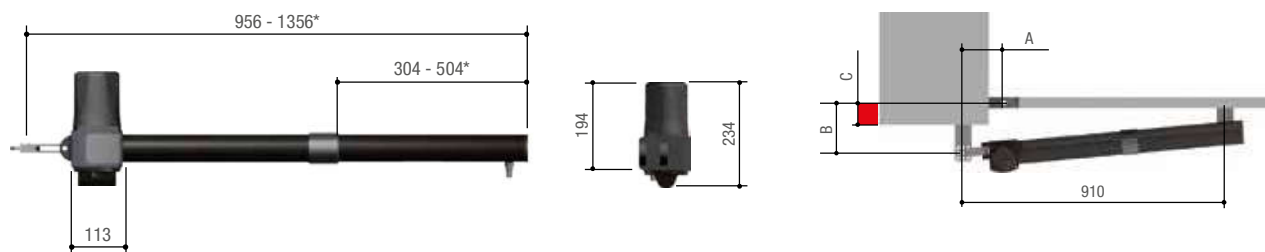




Solution for applying in private homes

- Supporting structure in die-cast aluminium.
- Adjustable opening/closing microswitches.
- Built-in emergency release lever.

Dimensions (mm)



* 001KR510D · 001KR510S

Application dimensions (mm)

MODELS	KR300D · KR300S · KR302D · KR302S KR310D · KR310S · KR312D · KR312S		
LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50

MODELS	KR510D · KR510S · KR512D · KR512S		
LEAF OPENING (°)	A	B	C Max.
90	200	200	120
130	200	140	70

Operational limits

MODEL	KR300D · KR300S · KR302D · KR302S KR310D · KR310S · KR312D · KR312S		
Max. width of leaf (m)	3	2,5	2
Max. weight of leaf (kg)	400	600	800
Max. leaf opening (°)	120		

MODEL	KR510D · KR510S · KR512D · KR512S				
Max. width of leaf (m)	5	4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000
Max. leaf opening (°)	120				

Technical characteristics

MODELS	KR300D/S	KR310D/S	KR510D/S	KR302D/S	KR312D/S	KR512D/S
Protection rating (IP)	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Absorption (A)	1,1	1,1	1,1	1,35	1,35	1,35
Power (W)	240	240	240	300	300	300
Maneuvering time at 90° (s)	22	22	34	15	15	22
Cycles/Hour	16	16	10	16	16	10
Thrust (N)	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	150	150

● 230 V AC

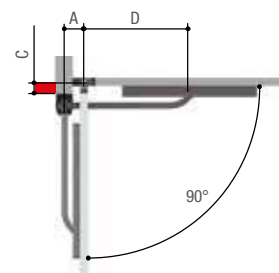
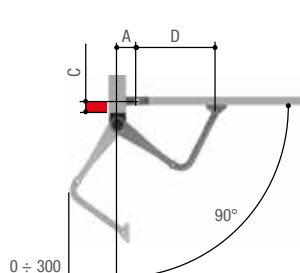
Code	Description
230 V AC Gearmotors	
001 KR300D	Irreversible right 230 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR300S	Irreversible left 230 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR310D	Irreversible right 230 V gearmotor with opening and closing limit-switch micro-switches, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR310S	Irreversible left 230 V gearmotor with opening and closing limit-switch micro-switches, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR510D	Irreversible right 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
001 KR510S	Irreversible left 230 V gearmotor with opening and closing limit-switch micro-switches for swing gates with up to 5 m leaves that weighs up to 400 kg.
230 V AC Operators - RAPID version	
001 KR302D	Irreversible right 230 V gearmotor, rapid version, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR302S	Irreversible left 230 V gearmotor, rapid version, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR312D	Irreversible right 230 V gearmotor, rapid version, with opening and closing limit-switch microswitches, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR312S	Irreversible left 230 V gearmotor, rapid version, with opening and closing limit-switch microswitches, for swing gates with up to 3 m leaves that weighs up to 400 kg.
001 KR512D	230 V right irreversible operator, rapid version, with opening and closing limit switches for swing gates with leaves up to 5 m that weigh 400 kg.
001 KR512S	230 V left irreversible operator, rapid version, with opening and closing limit switches for swing gates with leaves up to 5 m that weigh 400 kg.
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.
Accessories	
001 KR001	Lock cylinder with DIN key.



Solution for fitting on posts where little space is available

- For installations on posts with a minimum width of 8 cm.
- Encoder-based movement control.
- Reversible or irreversible gearmotor
- They can also be installed close to a wall with the STYLO-BD accessory.
- Ready for operation in case of power outage.
- Custom-key release system.

Dimensions (mm)



Application dimensions (mm)






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

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
Thrust (N)	100	100
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code	Description
24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
001 STYLO-ME 	Irreversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.
001 STYLO-RME 	Reversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.
Control panels for 24 V DC gearmotors tested in conformity with standards EN 12453 - EN 12445	
801QA-0050 	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
801QA-0060 	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
Accessories for: 801QA-0050 - 801QA-0060	
002 RLB 	Circuit board for emergency operation and battery charging.
Accessories	
001 STYLO-BS	Folding drive arm.
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.
Accessories for: 001STYLO-RME	
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.





Solution for applying in private homes and apartment buildings, on small and medium-sized gate posts

- Encoder-based movement control.
- Control board with terminal blocks, dip switches and storage for up to 25 users.
- Ready for operation in case of power outage.
- Self-diagnosing safety devices.
- User-friendly release lever for manually opening the gate.

Dimensions (mm)



Application dimensions (mm)

MODELS	801MB-0080 · 801MB-0050				
LEAF OPENING (°)	A	B	D	E	C Max.
90	140	420 (490 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	150 (300 with item 801XC-0070)
90	160 ÷ 180	380 (460 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	150 (300 with item 801XC-0070)
110	200 ÷ 220	400 (470 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	50 (300 with item 801XC-0070)

Operational limits

MODELS	801MB-0080 · 801MB-0050		
Max. length of leaf (m)	2	1,7	1
Max. weight of leaf (kg)	200	225	250
Max. leaf opening (°)		110	

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 time at 90° (s)	from 19 to 25	from 20 to 30
Cycles/Hour	40	
Thrust (N)	180	180
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

Code Description

Complete operators with 24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445

801MB-0080



FTL20DGC - Irreversible 24 V gearmotor featuring a control board with dip-switch settings, on-board radio decoding with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.



24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445

801MB-0050



FTX20DGS - Irreversible 24 V gearmotor with with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.



Accessories for: 801MB-0080

001RGP1

Green Power module to disconnect the transformer for energy saving while the operator is not in use.



001R800

Control board for decoding and access-control management via keypad selectors.



Accessories for: 801MB-0080

002RLB

Circuit board for emergency operation and battery charging.



Accessories

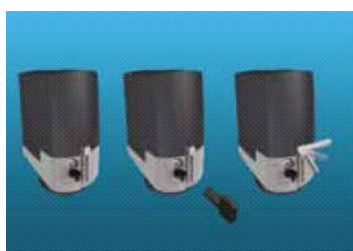
001STYLO-BD

Straight drive arm and track with mechanical opening limit-switch.



801XC-0070

Hinged arm for increasing to 250 mm the maximum C-distance.



EASY RELEASE!

In emergencies or during power outages, the key-activated release is quick to get to and easy to use.

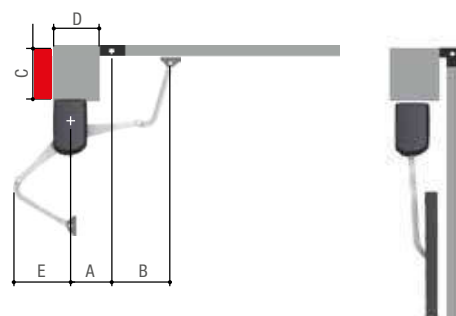
The handy lever releases the gearmotor for manually opening the gate.



Solution for applying in private homes and apartment buildings, on small and medium-sized gate posts

- Encoder-based movement control.
- Control board with terminal blocks, display and storage for up to 250 users.
- Ready for operation in case of power outage.
- Self-diagnosing safety devices.
- User-friendly release lever for manually opening the gate.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

Dimensions (mm)



Application dimensions (mm)

MODELS	801MB-0070 · 801MB-0050				801MB-0110 · 801MB-0120	
LEAF OPENING (°)	A	B	D	E	C Max.	C Max.
90	140	420 (490 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	150 (300 with item 801XC-0070)	250 (300 with item 801XC-0070)
90	160 ÷ 180	380 (460 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	150 (300 with item 801XC-0070)	250 (300 with item 801XC-0070)
110	200 ÷ 220	400 (470 with item 801XC-0070)	Min. 150	310 (410 with item 801XC-0070)	50 (300 with item 801XC-0070)	50 (300 with item 801XC-0070)

Operational limits

MODELS	801MB-0070 · 801MB-0050 · 801MB-0110 · 801MB-0120		
Max. length of leaf (m)	2	1,7	1
Max. weight of leaf (kg)	200	225	250
Max. leaf opening (°)		110	

Technical characteristics

MODELS	801MB-0070	801MB-0110	801MB-0050	801MB-0120
Protection rating (IP)	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	-	-
Power supply to motor (V)	24 DC	24 DC	24 DC	24 DC
Absorption (A)	4 Max.	4 Max.	4 Max.	4 Max.
Power (W)	140	140	140	140
Maneuvering time at 90° (s)	from 20 to 30	from 20 to 30	from 20 to 30	from 20 to 30
Cycles/Hour	40	40	40	40
Thrust (N)	180	180	180	180
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

Code	Description
------	-------------

Complete operators with 24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--

801MB-0070	FTX20DGC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.
-------------------	---



801MB-0110	FTX20DLC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 250 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.
-------------------	---

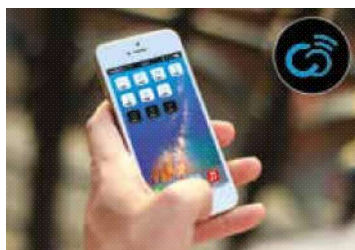


24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
--	--

801MB-0050	FTX20DGS - Irreversible 24 V gearmotor with with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.
-------------------	--



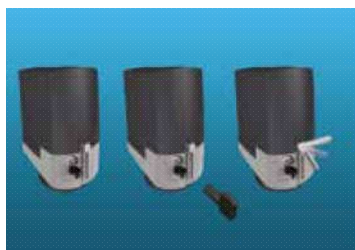
801MB-0120	FTX20DLS - Irreversible 24 V gearmotor with hinged transmission-arm with C Max. 250 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.
-------------------	--



WE CONNECT. YOU CONTROL.

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

Download CAME AUTOMATION APP from Google play or App Store.




EASY RELEASE!

In emergencies or during power outages, the key-activated release is quick to get to and easy to use.

The handy lever releases the gearmotor for manually opening the gate.

THE COMPLETE RANGE

Code	Description
Accessories for: 801MB-0070 - 801MB-0110	
001 RGP1	Green Power module to disconnect the transformer for energy saving while the operator is not in use.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
Accessories for: 801MB-0070 - 801MB-0110	
002 RLB	Circuit board for emergency operation and battery charging.
	
Accessories	
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.
001 H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.
001 RSWN001	Pull-cord remote release device for operators.





TTS

**REFINED AND
ELEGANT**

**DUAL FREQUENCY
FIXED CODE AND
ROLLING CODE**

FIND OUT MORE ON PAGE 248

CAME 

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



FAST 70

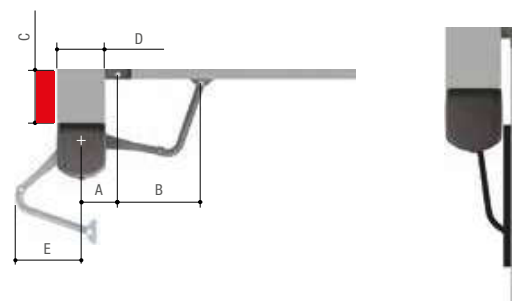
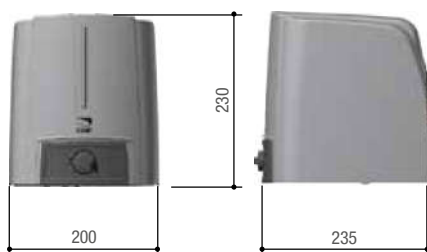
Gate leaves up to 2,3 m



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

- Control board with terminal blocks, dip switches and storage for up to 1000 users.
- Ready for operation in case of power outage.
- Self-diagnosing safety devices.
- Also available in 230 V AC version with technical specifications other those indicated above.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

Dimensions (mm)



Application dimensions (mm)

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

* with item 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
Max. leaf opening (°)	110					

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	230 AC	230 AC	-	230 AC	-
Power supply to motor (V)	230 AC	230 AC	24 DC	24 DC	24 DC	24 DC
Absorption (A)	1,4	1,4	-	-	-	-
Power (W)	160	160	140	140	140	140
Maneuvering time at 90° (s)	15	15	13 ÷ 30	13 ÷ 30	13 ÷ 30	13 ÷ 30
Duty/cycle (%)	30	30	-	-	-	-
Cycles/Hour	-	-	65	65	65	65
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

230 V AC automated operators

001FA70230CB Irreversible 230 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



230 V AC Gearmotors

001FA70230 Irreversible 230 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



Automated operators running on 24 V DC with max. C-distance of 200 mm tested in compliance with standards EN 12453 - EN 12445

001FA7024CB Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



Gearmotors running on 24 V DC with max. C-distance of 200 mm tested in compliance with standards EN 12453 - EN 12445

001FA7024 Irreversible 24 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



Automated operators running on 24 V DC with max. C-distance of 300 mm tested in compliance with standards EN 12453 - EN 12445

801MB-0090 FST23DLC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 300 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



Gearmotors running on 24 V DC with max. C-distance of 300 mm tested in compliance with standards EN 12453 - EN 12445

801MB-0100 FST23DLS - Irreversible 24 V gearmotor with hinged transmission arm and C Max. 300 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.



Control panels running on 24 V DC tested in compliance with standards EN 12453 - EN 12445

002ZL65 Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.



801QA-0050 ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.



801QA-0060 ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.



THE COMPLETE RANGE

Code	Description
Accessories for: 002ZL65	
001 RGP1	Green Power module to disconnect the transformer for energy saving while the operator is not in use.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
002 RSE	Interface card for controlling two operators or for enabling the Came Remote Protocol.
Accessories for: 002ZL65 - 801QA-0050 - 801QA-0060	
002 RLB	Circuit board for emergency operation and battery charging.
Accessories for: 002RLB	
001 LBF70	Batteries brace kit.
Accessories	
001 STYLO-BD	Straight drive arm and track with mechanical opening limit-switch.
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.
001 H3000	Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.

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





ATS

**THE UNIVERSAL
TELESCOPIC MOTOR
FOR SWING GATES**

FIND OUT MORE ON PAGE 80

CAME 

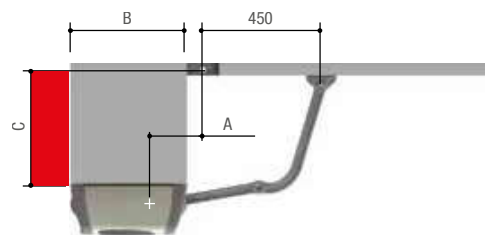
[CAME.COM](https://www.came.com)

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

- Encoder-based movement control.
- Solid anodized aluminium cover.
- Straight transmission arms for applications in limited space (item 001FERNI-BDX - 001FERNI-BSX).
- Lever release system protected by key.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.



Dimensions (mm)



Application dimensions (mm)

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

Operational limits

MODEL	FE40230 · FE40230V · FE4024 · FE4024V				
Max. width of leaf (m)	4*	3,5*	3*	2,5*	2
Max. weight of leaf (kg)	400	450	500	600	800
Max. leaf opening (°)	120				

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

NOTES: *Fitting an electro-lock onto the leaf is obligatory.

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
Thrust (N)	540	320	360	360
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	-	-

Code Description

230 V AC Gearmotors

001**FE40230V**
 Irreversible 230 V gearmotor, rapid version, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.



230 V AC gearmotors tested in compliance with regulatory standards EN 12453 - EN 12445

001**FE40230**
 Irreversible 230 V gearmotor with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.



Control panels for 230 V AC gearmotors

002**ZM3E**
 Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.



24 V DC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445

001**FE4024**
 Irreversible 24 V gearmotor, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.



001**FE4024V**
 Irreversible 24 V gearmotor, rapid version, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.

Control panels for 24 V gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445

801**QA-0050**
 ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.



801**QA-0060**
 ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.



Accessories for: 801QA-0050 - 801QA-0060

002**RLB**
 Circuit board for emergency operation and battery charging.



Accessories for: 001FE40230 - 001FE4024

001**FERNI-BDX** Straight right-hand drive arm and track.



001**FERNI-BSX** Straight left-hand drive arm and track.



Accessories

001**LOCK81** Single cylinder electric lock.



001**LOCK82** Double cylinder electric lock.



001**H3000** Case for remote release with customized key, plus pull-cord handle and control button. Cord length L = 5 m.



NOTES:

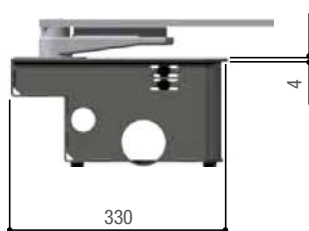
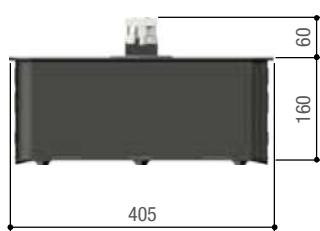
WARNING: 001FE40230V + 002ZM3E are not tested in compliance with standards EN12453 - EN 12445.

Concealed solution for applying in private homes or apartment buildings

- The invisible solution to power your gate
- Protection rating against weathering agents IP67.
- Foundation box in steel with anticorrosive treatment, or in AISI 304 stainless steel.
- Automatic re-hooking of the release system after the gate manual maneuver.
- Integrated, adjustable mechanical limit switches.
- Opening up to 180° (with FL-180 accessory).
- Ready for operation in case of power outage in the 24 V DC versions.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.



Dimensions (mm)



A = Min. 67

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	-
Max. leaf opening (°)	110			

NOTES: * Fitting an electro-lock onto the leaf is advisable.

Technical characteristics

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

● 230 V AC ● 24 V DC

Code	Description
230 V AC below-ground gearmotors	
001 FR0G-A	Irreversible underground 230 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.
001 FR0G-AV	Irreversible underground 230 V gearmotor, rapid version, with adjustable leaf-closing for swing gates with up to 1.3 m leaves that weighs up to 300 kg.
Control panels for 230 V AC gearmotors	
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.
Below-ground 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
001 FR0G-AE 	Irreversible underground 230 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.
Control panels for 230 V AC gearmotors, tested in compliance with regulatory standards EN 12453 - EN 12445	
002 ZM3E 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.
Below-ground, 24 V DC operators, tested in compliance with regulatory standards EN 12453 - EN 12445	
001 FR0G-A24 	Irreversible underground 24 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.
001 FR0G-A24E 	Irreversible underground 24 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.
Control panels for 24 V gearmotors	
801 QA-0050     	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.
801 QA-0060     	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.
Accessories for: 801QA-0050 - 801QA-0060	
002 RLB 	Circuit board for emergency operation and battery charging.



THE COMPLETE RANGE

Code	Description
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.
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.
001 FROG-CFN	Steel, cataphoresis treated foundation box, featuring release transmission, gate fastening brace and spring for adjusting the opening limit-switch point.
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.
001 A4364	Release device with lever key.
001 A4365	Release device with trilobe key.
001 A4366	Release device with customized key and EURO-DIN cylinder.
001 A4370	Drive lever for openings of up to 140° and gate leaves of max. 2 m in length.

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





KRX

**FLASHING LIGHT WITH
LED LIGHT AVAILABLE
IN 3 COLORS**

FIND OUT MORE ON PAGE 272

CAME.COM



FROG PLUS

Gate leaves up to 7-m long

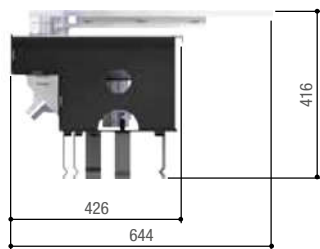
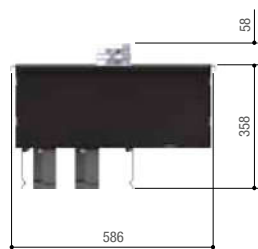


Concealed solution for applying in private homes or apartment buildings

- The invisible solution to power your gate
- Protection rating against weathering agents IP67.
- Equipped with encoder.
- Integrated, adjustable mechanical limit switches.
- Automatic re-hooking of the release system after the gate manual maneuver.
- Developed with CONNECT technology for remote digital control via gateway or locally via GAME KEY.



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		
Max. leaf opening (°)	110					

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)	2,1	2,1
Power (W)	500	500
Maneuvering time at 90° (s)	30	45
Cycles/Hour	10	6
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150

● 230 V AC

Code	Description
230 V AC below-ground gearmotors	
001 FR0G-PM4 	Irreversible underground 230 V gearmotor with adjustable leaf-closing for swing gates with up to 5.5 m leaves that weighs up to 700 kg.
001 FR0G-PM6 	Irreversible underground 230 V gearmotor with encoder and adjustable leaf-closing for swing gates with up to 7 m leaves that weighs up to 550 kg.
Control panels for 230 V AC gearmotors	
002 ZM3EP 	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.
Accessories	
001 FR0G-PC	Steel, cataphoresis treated foundation box, featuring release transmission, gate fastening brace and spring for adjusting the opening limit-switch point.
001 A4801	Micro limit-switch IP67 designed for applications in critical climatic conditions.
001 A4364	Release device with lever key.
001 A4365	Release device with trilobe key.
001 A4366	Release device with customized key and EURO-DIN cylinder.
001 LOCK81	Single cylinder electric lock.
001 LOCK82	Double cylinder electric lock.



SUPER FROG

Gate leaves up to 8 m

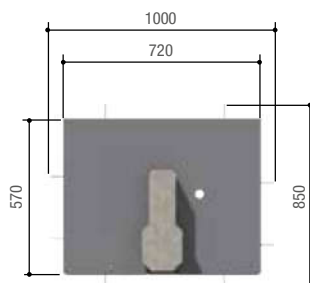
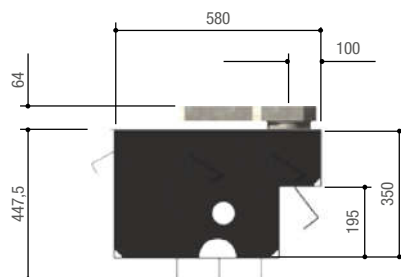


Concealed solution for special applications

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



Dimensions (mm)



A = Min. 100




Operational limits

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

Technical characteristics

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

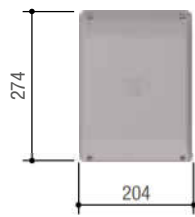
● 230 – 400 V AC THREE PHASE

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

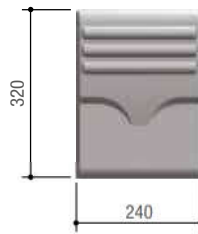


CONTROL PANEL DIMENSIONS

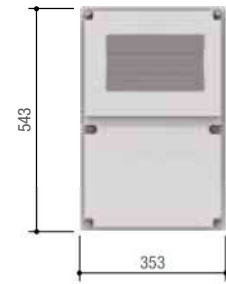
Dimensions (mm)



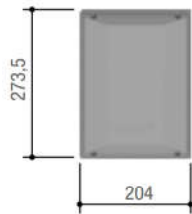
002ZA3P
002ZL65
002ZL60



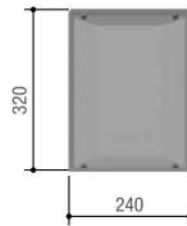
002ZM3E
002ZM3EP
002LB18



002ZM3ES



801QA-0050



801QA-0060



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	<div><div>+</div><div>24</div><div>-</div></div>	<div><div>+</div><div>24</div><div>-</div></div>				<div><div>T</div></div>	<div><div>+</div><div>24</div><div>-</div></div>	<div><div>+</div><div>24</div><div>-</div></div>
	ATS STYLO FAST70 AXI FERNI AXO ATI FROG	ATS STYLO FAST70 AXI FERNI AXO ATI FROG	ATS ATI KRONO FROG FAST70 FERNI	ATS AXO FERNI FROG F40230E	FROG PLUS	SUPER FROG	ATS AXI FTX FAST70	AXL FTL
Control board / Control panel	806QA-0050	806QA-0060	ZA3P	ZM3E	ZM3EP	ZM3ES	ZL65	ZL60
Safety								
SELF-DIAGNOSING safety decives	●	●	●	●	●	●	●	●
PRE-FLASHING when opening and closing	●	●	●	●	●	●	●	●
REOPENING during closing	●	●	●	●	●	●	●	●
CLOSING AGAIN during opening	●	●	●	●	●	●	●	●
Obstruction WAIT	●	●		●	●	●	●	●
TOTAL STOP	●	●	●	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●	●	●	●
REOPENING when closing and with immediate closing once the obstruction is removed	●	●						
OBSTRUCTION DETECTION in front of photocells	●	●	●	●	●	●		●
ENCODER	●	●		●	●		●	●
Virtual ENCODER	●	●						
AMPEROMETRIC DETECTION	●	●					●	●
Command								
PEDESTRIAN OPENING 1 leaf	●	●		●	●	●	●	●
PARTIAL OPENING 1 leaf	●	●	●	●	●	●		●
OPEN ONLY from transmitter and/or from button	●	●	●	●	●	●	●	●
ONLY OPEN or ONLY CLOSE button connection	●	●	●	●	●	●		●
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	●	●	●	●	●	●	●	●
OPEN-CLOSE-INVERT from the transmitter and/or button	●	●	●	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●	●	●	●
DELAYED OPENING 1st leaf	●	●	●	●	●	●	●	●
DELAYED OPENING 2nd leaf	●	●	●	●	●	●	●	●
Characteristics								
FLASHING LIGHT connection	●	●	●	●	●	●	●	●
CYCLE LIGHT connection	●	●	●	●	●	●	●	
COURTESY LIGHT connection	●	●	●	●	●	●	●	●
Antenna	●	●	●	●	●	●	●	●
OPEN ALERT LIGHT connection	●	●	●	●	●	●	●	●
CLOSED ALERT LIGHT connection	●	●						
Contact output for 2nd RADIO CHANNEL		●	●	●	●	●		
SELF-LEARNING of the transmitter's RADIO CODE	●	●	●	●	●	●	●	●
OPERATING TIME adjusting			●	●	●	●	●	●
Connection for the ELECTRIC LOCK and/or RAMMING	●	●	●	●	●	●	●	
SLEEP MODE								
Adjustable AUTOMATIC CLOSING AGAIN TIME	●	●	●	●	●	●	●	●
OPENING and/or CLOSING slow downs	●	●	●	●	●		●	●
EMERGENCY BATTERY operation (optional)	●	●						●
Adjustable TRAVEL and SLOW-DOWN speeds*	●	●	●	●	●		●	●
DISPLAY	●		●				●	
Graphic DISPLAY		●		●	●	●		
SELF-LEARNING opening and closing limit-switches	●	●	●	●	●		●	●
Compatible with CONNECT technology	●	●		●	●	●	●	
Designed to fit RIO System 2.0	●	●						
CRP control	●	●		●	●	●	●	
ENERGY SAVINGS control (001RGP1)							●	●
CXN BUS	●	●						
Adaptive Speed & Torque Technology	●	●						
Slot CAME Key	●	●						
TIMER control		●						
Possibility of managing two different motors		●						

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

NOTES: * 002ZA3P, 002ZM3E and 002ZM3EP only slow-down speed.

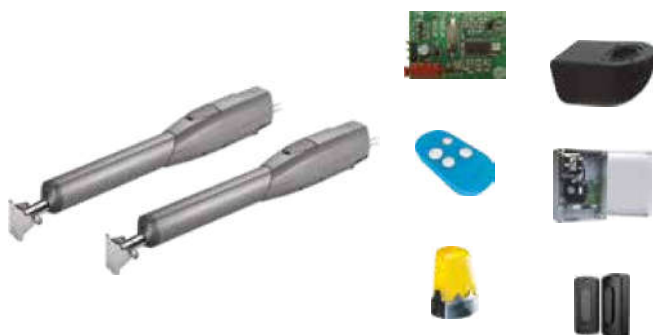
ATS - 8K01MP-023 KIT



KITS FOR 2-LEAVES SWING GATES





- Swing gates up to 400 kg
- Maximum leaf length 3 m

Code	Description	Quantity
801MP-0050	ATS30AGS - Irreversible telescopic 230 V gearmotor for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	2
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0102	TOPD4FKS - Four-channel, double-frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	1
001 KLED	LED flashing light signaller.	1
001 KIAROS	Wall-fastening base.	1
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



KITS FOR 2-LEAVES SWING GATES

- Swing gates up to 400 kg
- Maximum leaf length 3 m

Code	Description	Quantity
801MP-0070	ATS30DGS - Irreversible telescopic 24 V gearmotor with encoder for swing gates with C Max. 200 mm with up to 3 m leaves that weighs up to 400 kg. RAL7024-gray color.	2
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		
001 KIAROS	Wall-fastening base.	1
002 ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	1
		





AXL - 8K01MP-016 KIT

+24-



KITS FOR 2-LEAVES SWING GATES





- Swing gates with two leaves measuring max. 2.2 m per leaf
- Max leaf weight 200 kg

Code	Description	Quantity
801MP-0020	AXL20DGS - Irreversible gearmotor with encoder for swing gates with leaves up to 2 m long. RAL7024-grey color.	2
 002ZL60	Control panel for one or two-leaf swing gates, dip-switch setting, on-board radio decoding and self-diagnosing safety devices.	1
 806TS-0111	TOPD2RBS - Two-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001AF43S	Plug-in radio-frequency control card.	1
001DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
 001KLED24	LED flashing light signaller.	1
		



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 2 m per leaf
- Max leaf weight 200 kg





Code	Description	Quantity
801MP-0030	AXI20DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-gray color.	2
		
002ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	1
		
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001AF43S	433,92 MHz plug-in radio frequency card.	1
001KLED24	LED flashing light signaller.	1
		
001DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001KIAROS	Wall-fastening base.	1

AXI - 8K01MP-006 KIT



KITS FOR 2-LEAVES SWING GATES


- Swing gates with two leaves measuring max. 2.5 m per leaf
- Max leaf weight 250 kg

Code	Description	Quantity
801MP-0040	AXI25DGS - Irreversible 24 V gearmotor with encoder for swing gates with up to 2.5 m leaves that weighs up to 250 kg. RAL7024-gray color.	2
		
002 ZL65	Control panel for one or two-leaf swing gates, with programming display, self-diagnosing safety devices and on-board radio decoding.	1
		
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001 AF43S	433,92 MHz plug-in radio frequency card.	1
001 KLED24	LED flashing light signaller.	1
		
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KIAROS	Wall-fastening base.	1

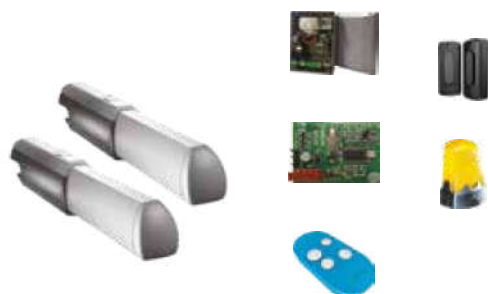


KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 3 m per leaf
- Max leaf weight 400 kg





Code	Description	Quantity
001 KR300D	Irreversible right 230 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.	1
001 KR300S	Irreversible left 230 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.	1
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0102	TOPD4FKS - Four-channel, double-frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED	LED flashing light signaller.	1

ATI - 8K01MP-035 KIT



KITS FOR 2-LEAVES SWING GATES


- Swing gates with two leaves measuring max. 3 m per leaf
- Max leaf weight 400 kg

Code	Description	Quantity
001 A3024N	Irreversible 24 V gearmotor for swing gates with up to 3 m leaves that weighs up to 400 kg.	2
		
801 QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806 TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 3 m per leaf
- Max leaf weight 400 kg





Code	Description	Quantity
001 A3000	Irreversible 230 V gearmotor for swing gates with opening limit-switch micro-switches with up to 3 m leaves that weighs up to 400 kg.	2
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0102	TOPD4FKS - Four-channel, double-frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED	LED flashing light signaller.	1

AX0 - 8K01MP-034 KIT



KITS FOR 2-LEAVES SWING GATES




- Swing gates with two leaves measuring max. 3 m per leaf
- Max leaf weight 500 kg

Code	Description	Quantity
001 AX3024	Irreversible 24 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.	2
		
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		

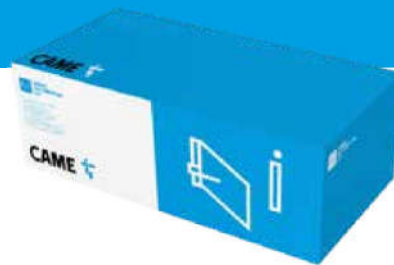


KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 3 m per leaf
- Max leaf weight 500 kg





Code	Description	Quantity
001 AX302304	Irreversible 230 V gearmotor with encoder for swing gates with up to 3 m leaves that weighs up to 500 kg.	2
		
002 ZM3E	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED	LED flashing light signaller.	1

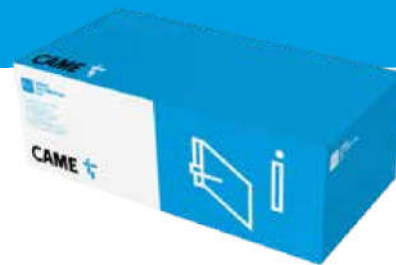
STYLO - 8K01MB-015 KIT



KITS FOR 2-LEAVES SWING GATES





- 2-leaf swing gates, max. 1.8 m per leaf
- Max leaf weight 100 kg

Code	Description	Quantity
001 STYLO-ME	Irreversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.	2
		
801QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	1
		
001 STYLO-BS	Folding drive arm.	2
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		



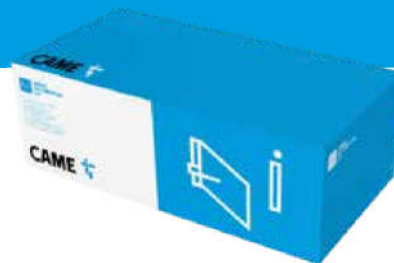
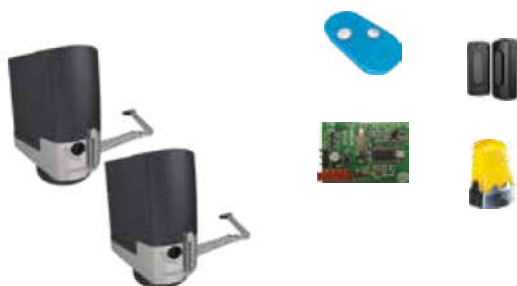
KITS FOR 2-LEAVES SWING GATES

- 2-leaf swing gates, max. 1.8 m per leaf
- Max leaf weight 100 kg

Code	Description	Quantity
001 STYLO-RME	Reversible 24 V gearmotor with encoder for swing gates with up to 1.8 m leaves that weighs up to 100 kg.	2
		
801 QA-0050	ZLX24MA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 2 safety inputs and storage for up to 250 users.	1
		
001 STYLO-BS	Folding drive arm.	2
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806 TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		









FTL - 8K01MB-007 KIT

24



KITS FOR 2-LEAVES SWING GATES










- Swing gates with two leaves measuring max. 2 m per leaf
- Max leaf weight 200 kg

Code	Description	Quantity
801MB-0080	FTL20DGC - Irreversible operator featuring a control board with dip-switch settings, on-board radio decoding and hinged transmission arm for swing gates with leaves each up to 2 m long. RAL7024-grey cover.	1
  		
801MB-0050	FTX20DGS - Irreversible gearmotor with hinged transmission-arm for swing gates with leaves each up to 2 m long and maximum C-distance of 150 mm. RAL7024-grey cover.	1
  		
806TS-0111	TOPD2RBS - Two-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001AF43S	Plug-in radio-frequency control card.	1
001DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001KLED24	LED flashing light signaller.	1
		



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 2 m per leaf
- Max leaf weight 200 kg





Code	Description	Quantity
801MB-0070	FTX20DGC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.	1
   		
801MB-0050	FTX20DGS - Irreversible 24 V gearmotor with with C Max. 150 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.	1
  		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		
001 KIAROS	Wall-fastening base.	1

FTX - 8K01MB-010 KIT



KITS FOR 2-LEAVES SWING GATES





- Swing gates up to 400 kg
- Maximum leaf length 2 m
- C max. 250 mm

Code	Description	Quantity
801MB-0110	FTX20DLC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 250 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.	1
		
801MB-0120	FTX20DLS - Irreversible 24 V gearmotor with hinged transmission-arm with C Max. 250 mm for swing gates with up to 2 m leaves that weighs up to 200 kg. RAL7024-grey cover.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		
001 KIAROS	Wall-fastening base.	1



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 2.3 m per leaf.
- Max leaf weight 200 kg
- C max. 300 mm





Code	Description	Quantity
801MB-0090	FST23DLC - Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 300 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.	1
		
801MB-0100	FST23DLS - Irreversible 24 V gearmotor with hinged transmission arm and C Max. 300 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001 TOP-A433N	Antenna tuned at 433.92 MHz.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		
001 KIAROS	Wall-fastening base.	1

FAST 70 - 001U1855 KIT



KITS FOR 2-LEAVES SWING GATES


- Swing gates with two leaves measuring max. 2.3 m per leaf.
- Max leaf weight 200 kg
- Maximum C-distance of 200 mm

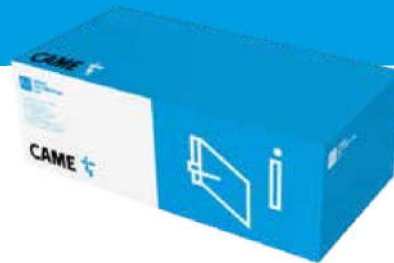
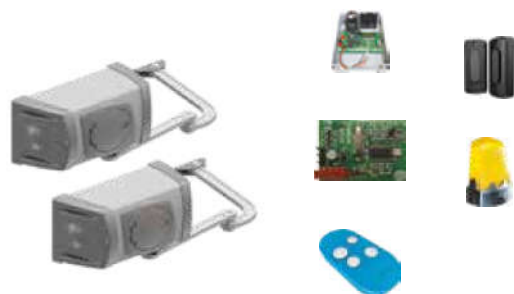
Code	Description	Quantity
001 FA7024CB	Irreversible 24 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.	1
		
001 FA7024	Irreversible 24 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with up to 2.3 m leaves that weighs up to 200 kg.	1
		
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	2
001 AF43S	433,92 MHz plug-in radio frequency card.	1
001 TOP-A433N	Antenna tuned at 433.92 MHz.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		
001 KIAROS	Wall-fastening base.	1



KITS FOR 2-LEAVES SWING GATES




- Swing gates with two leaves measuring max. 2.3 m per leaf.
- Max leaf weight 200 kg
- Maximum C-distance of 200 mm

Code	Description	Quantity
001 FA70230CB	Irreversible 230 V gearmotor featuring a control board with functions display, on-board radio decoding and hinged transmission arm with C Max. 200 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	1
001 FA70230	Irreversible 230 V gearmotor with hinged transmission arm and C Max. 200 mm for swing gates with with up to 2.3 m leaves that weighs up to 200 kg.	1
806TS-0102	TOPD4FKS - Four-channel, double-frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	1
001 AF43S	433,92 MHz plug-in radio frequency card.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED	LED flashing light signaller.	1
001 KIAROS	Wall-fastening base.	1



KITS FOR 2-LEAVES SWING GATES





- Swing gates with two leaves measuring max. 4 m per leaf
- Max leaf weight 400 kg

Code	Description	Quantity
001 FE40230	Irreversible 230 V gearmotor with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.	2
		
002 ZM3E	Multifunction control panel for swing gates with two leaves, graphic programming and alerts display, plus self-diagnosing safety devices and on-board radio decoding.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED	LED flashing light signaller.	1



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 4 m per leaf
- Max leaf weight 400 kg





Code	Description	Quantity
001 FE4024	Irreversible 24 V gearmotor, with hinged transmission arm and C Max. 380 mm for swing gates with up to 4 m leaves that weighs up to 400 kg.	2
		
801QA-0060	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
		
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
		
001 KLED24	LED flashing light signaller.	1
		

FROG - 8K01MI-006 KIT



KITS FOR 2-LEAVES SWING GATES


- Swing gates with two leaves measuring max. 3,5 m per leaf
- Max leaf weight 400 kg

Code	Description	Quantity
001 FROG-A24 	Irreversible underground 24 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	2
001 FROG-CFN	Steel, cataphoresis treated foundation box, featuring release transmission, gate fastening brace and spring for adjusting the opening limit-switch point.	2
001 A4364	Release device with lever key.	2
801 QA-0060 	ZLX24SA - Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806 TS-0121	TOPD4RBS - Four-channel, double-frequency, rolling code transmitter, blue. 4,294,967,896 combinations.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
001 KLED24 	LED flashing light signaller.	1



KITS FOR 2-LEAVES SWING GATES

- Swing gates with two leaves measuring max. 3,5 m per leaf
- Max leaf weight 400 kg

Code	Description	Quantity
001 FROG-A	Irreversible underground 230 V gearmotor with adjustable leaf-closing for swing gates with up to 3.5 m leaves that weighs up to 400 kg.	2
001 FROG-CFN	Steel, cataphoresis treated foundation box, featuring release transmission, gate fastening brace and spring for adjusting the opening limit-switch point.	2
001 A4364	Release device with lever key.	2
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	433,92 MHz plug-in radio frequency card.	1
806TS-0102	TOPD4FKS - Four-channel, double-frequency, self-learning transmitter, black. (16,777,216 in TAM mode, 4,096 combinations in TOP mode).	1
001 DIR10	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1
 001 KLED	LED flashing light signaller.	1