



F4000

OPERATORS FOR FOLDING DOORS.

Doors with leaf up to 2 m in length

CAME 

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1
Low consumption
LED flashing
light

2
Photocell

3
Sensitive
safety edges

OPERATORS FOR SWING AND FOLDING DOORS WITH GUIDE RAIL.

The F4000 is a door or large door operator, designed especially for industrial settings. It is installed directly onto the leaf or transom, depending on the space. It provides safe linear movement, on medium-to-large doors with leaves of up to 2 m (6.5 ft) in length.



THE BENEFITS OF CAME F4000

- EN TESTED models with encoder for maximum operating safety and user-friendly management.
- Easy installation with the aluminium alloy fixing base.
- Installation on the right and on the left thanks to the symmetrical inputs to the reduction shaft.
- Also for outdoor installations thanks to the IP54 sealing gaskets that protects against atmospheric agents.
- Possibility of adjusting the operation and slowing down speed, both in opening and closing, and the electronic detection of the obstacle.



SUPER VERSATILE

- Slide lever, especially designed to be applied on large folding doors, fastened to the leaf or transom, depending on the need.
- User-friendly fastening base made of 6060 aluminium for quick fastening of the door leaf or transom.
- Handle or pull cord release system, for easily opening the door in case of need.

THE 230 V ELECTRONICS

- Test of all active safety features fitted on the system before the door even moves to open or close.
- Pedestrian or partial opening to allow opening of just one leaf or the limited opening for pedestrians.
- Complete control of the door from the remote control including the possibility of immediately stopping the door-leaf movement.
- Control panel available with safety lock and buttons on the cover (230 V AC version).

F4000 TECHNOLOGY



GUARANTEED BY 24 VOLTS

The 24 V gearmotors are suitable for intensive use. This icon also means that the product runs on low voltage.



EN TESTED SAFETY

Operator tested in conformity with European Standards on impact forces.



ENCODER

Gearmotor or operator with Encoder.



CAME CONNECT

This product can be remotely controlled via CAME Connect cloud technology.

READ UP AT CAME.COM ABOUT THE FULL RANGE OF CAME OPERATORS AND ACCESSORIES



BRUSHLESS BARRIER



AUTOMATIC DOORS BRUSHLESS



SELECTOR BLUETOOTH



PARKING SYSTEMS

CAME is a leading home-automation, industrial and special plant-technology projects manufacturing company. We provide full range of solutions: gate and garage door operators, shutter and awning winding-motors, home-automation control, burglar-proof systems, and video entry systems. Technology and reliability to serve your business with solutions designed for automating industrial doors, automatic doors, street barriers, turnstiles, access control and parking facility systems.

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CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING-GATE OPERATOR



AUTOMATED OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC STREET BARRIERS



OPERATORS FOR INDUSTRIAL ENTRANCES



AUTOMATED OPERATORS FOR ROLLER SHUTTERS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES



COMPLETE SYSTEMS



CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!

F4000 is available in the 230 V AC and 24 V DC versions.

The table shows the main control panel characteristics matched to the gearmotors.





CONTROL BOARD / CONTROL PANEL

	F40230E ZM3E	F40230E ZM3EC	F4024E ZLJ14	F4024E ZLJ24
SAFETY FEATURES				
SELF-DIAGNOSING safety devices	■	■	■	■
PRE-FLASHING when opening and closing	■	■	■	■
REOPEN while closing	■	■	■	■
RECLOSE while opening	■	■	■	■
Obstruction WAIT	■	■	■	■
TOTAL STOP	■	■	■	■
PARTIAL STOP	■	■	■	■
OBSTRUCTION DETECTED in front of photocells	■	■	■	■
ENCODER	■	■	■	■
MOTION CONTROL and OBSTACLE DETECTION device			■	■
AMPEROMETRIC DETECTION			■	■
CONTROL FUNCTIONS				
PEDESTRIAN OPENING one gate leaf	■	■	■	■
PARTIAL OPENING one gate leaf	■	■	■	■
OPENING ONLY from transmitter and/or button	■	■	■	■
OPENING ONLY or CLOSING ONLY button connection	■	■	■	■
OPEN-STOP-CLOSE-STOP from transmitter and/or from button	■	■	■	■
OPEN-CLOSE-INVERSION from transmitter and/or from button	■	■	■	■
MAINTAINED ACTION from button	■	■	■	■
DELAYED OPENING 1st leaf	■	■	■	■
DELAYED OPENING 2nd leaf	■	■	■	■
CHARACTERISTICS				
FLASHING LIGHT connection	■	■	■	■
CYCLE LAMP connection	■	■	■	■
COURTESY LAMP connection	■	■	■	■
Antenna	■	■	■	■
GATE OPEN FLASHING LIGHT connection	■	■	■	■
WARNING LIGHT CLOSED connection				
Contact output for 2nd RADIO CHANNEL	■	■	■	■
OPERATING TIME adjustment	■	■	■	■
SELF-LEARNING of the transmitter's RADIO CODE	■	■	■	■
ELECTRIC LOCK and/or ANTI RAMMING connection	■	■	■	■
Adjustable AUTOMATIC RECLOSING TIME	■	■	■	■
OPENING and/or CLOSING slow down	■	■	■	■
EMERGENCY BATTERY operation (optional)			■	■
MASTER-SLAVE				
Adjustable* TRAVEL and SLOW-DOWN SPEEDS	■	■	■	■
DISPLAY	■	■	■	■
Electronic brake				
SELF-LEARNING opening and closing limit-switches	■	■	■	■
CRP control	■	■		■

NOTES: * 002ZM3E only slow down speed.

■ 120 - 230 V AC ■ 24 V DC

F4000 TECHNOLOGY

PRODUCT				
F40230E		■	■	
ZM3E		■		■
ZM3EC		■		
F4024E	■	■	■	
F4024EP	■	■	■	
ZLJ14	■	■		
ZLJ24	■	■		■
LB90	■			
LB180	■			

The table above shows **only** the products associated with the **CAME** technologies. The complete range of products is available in the General Catalog.

002LB90 - 002LB180 - No. 2 12 V - 7 Ah batteries not supplied, 002ZLJ14 and 002ZLJ24 requires proper external housing.

OPERATING LIMITS

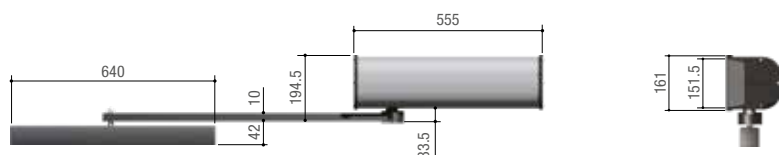
MODEL	F40230E · F4024EP	F4024E
Max. leaf width (m)	2	1.5
Max leaf weight (kg)	300	150
LARGE SINGLE LEAF FOLDING DOORS		
Max. leaf width (m)	1.2	1.2
Max leaf weight (kg)	200	150

TECHNICAL FEATURES

MODELS	F40230E	F4024E	F4024EP
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz) 50/60 Hz)	230 AC	230 AC	230 AC
Motor power supply (V)	230 AC 50/60 Hz	24 AC	24 AC
Current draw (A)	1.2	5 max	10 max
Power (W)	235	130	180
Crown turns (rpm)	1.3	1.3	2.4
Intermittence/Duty-cycle (%)	30	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Torque (Nm)	340	360	470
Operating temperature (°C)	-20 to 55	-20 to 55	-20 to 55
Reproduction ratio (I)	1/150	1/150	1/150
Motor thermal protection (°C)	150	-	-

■ 230 V AC ■ 24 V DC

DIMENSIONS (MM)



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CAME 

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