Ferni

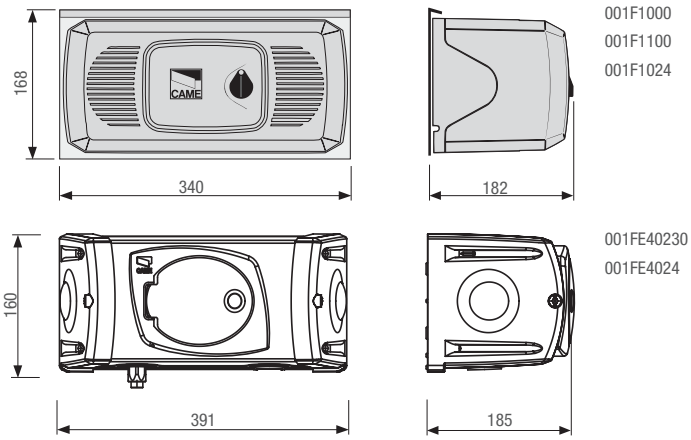
Gate-leaves of up to 4 m / 13 ft



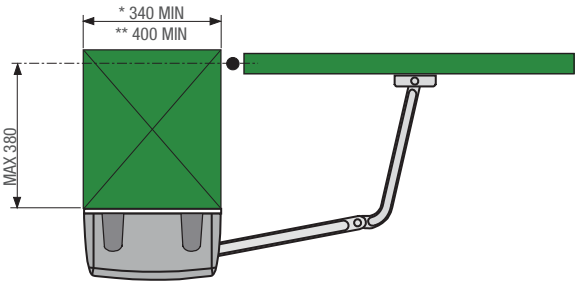
Ideal solution for residential or apartment-block applications on large posts

- An EN tested product both in the 24 V DC and the 230 V AC version thanks to the encoder-based electronics management (001F1024 - 001FE4024 - 001FE40230).
- The tough automation for very large gate posts.
- Innovative design for a prestigious product, born out of careful attention to market needs.
- Supplied with an articulated-arm, but also available with straight arm, to solve any space issues during application.
- Extremely practical to install and connect thanks to its versatile, easy-to-reach endstop assembly.
- Features a practical key-protected trap-door for easy release.
- High standards of protection from environmental agents.

Dimensions (mm)



Application (mm)



* F1000 - F1100 - F1024
** FE40230 - FE4024

Limits to use

MODEL	F1000 - F1100 - FE40230 - F1024 - FE4024				
Max gate-leaf width (m/ft)	4*/13*	3,5*/11.48*	3*/10*	2,5*/8.2*	2/6.6
Max gate-leaf weight (Kg/lb)	400/880	450/992	500/1,100	600/1,330	800/1,770

● 230 V AC ● 24 V DC

NOTE:
*** It is mandatory the use of an electric lock on the gate-leaf, with width greater than 2,5 m / 8.2 ft.**

Technical features

Type	F1000	F1100	FE40230	F1024	FE4024
Protection rating IP	IP54	IP54	IP44	IP54	IP54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC
Motor power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	24 DC	24 DC
Current draw (A)	1.3	1	1.2	15 MAX	5
Power (W)	150	110	140	180	130
90° opening time (s)	18	18	34	ADJUSTABLE	ADJUSTABLE
Duty cycle (%)	30	50	30	INTENSIVE USE	INTENSIVE USE
Torque (Nm)	320	380	540	470	360
Operating temperature (°C/°F)	-20 ÷ +55/-4 ÷ +131	-20 ÷ +55/-4 ÷ +131	-20 ÷ +55/-4 ÷ +131	-20 ÷ +55/-4 ÷ +131	-20 ÷ +55/-4 ÷ +131
Motor thermo protection (°C/°F)	150/302	150/302	150/302	-	-

● 230 V AC ● 24 V DC

The complete range

Code	Description	
	230 V AC external operator and control panel - tested in compliance with EN 12453 - EN 12445	
001**FE40230**	Self-locking operator complete with articulated transmission arm for gate-leaves of up to 4 m / 13 ft.	
002**ZM3E**	Multifunction control panel for two-leaf swing gates featuring signalling display, self-diagnosis of safety devices and built-in radio decoder.	
	230 V AC external operators	
001**F1000**	Self-locking operator complete with articulated transmission arm for gate-leaves of up to 4 m / 13 ft.	
001**F1100**	Reversible operator complete with articulated transmission arm for gate-leaves of up to 4 m / 13 ft.	
	Control panels for 230 V AC operators	
002**ZA3N**	Multifunction control panel for two-leaf swing gates with built-in radio decoder.	
002**ZM3E**	Multifunction control panel for two-leaf swing gates featuring signalling display, self-diagnosis of safety devices and built-in radio decoder.	

The complete range

CAME

Code	Description	
	24 V DC external operator and control panels - tested in compliance with EN 12453 - EN 12445	
001**FE4024**	Self-locking operator complete with articulated transmission arm for gate-leaves of up to 4 m / 13 ft.	
002**ZLJ14**	Multifunction control panel for one-leaf swing gates featuring signalling display, self-diagnosis of safety devices and built-in radio decoder.	
002**ZLJ24**	Multifunction control panel for two-leaf swing gates featuring signalling display, self-diagnosis of safety devices and built-in radio decoder.	
	Accessories for: 002ZLJ14	
002**LB90**	Card for connecting n. 2 12 V – 1.2 Ah emergency batteries.	
	Accessories for: 002ZLJ24	
002**LB180**	Card for connecting n. 2 12 V – 1.2 Ah emergency batteries.	
	24 V DC external operator and control panels - tested in compliance with EN 12453 - EN 12445	
001**F1024**	Self-locking operator complete with articulated transmission arm for gate-leaves of up to 4 m / 13 ft.	
002**ZL170N**	Control panel for one-leaf swing gates with built-in radio decoder.	
002**ZL19N**	Control panel for two-leaf swing gates with built-in radio decoder.	
	Accessories for: 002ZL170N and 002ZL19N	
002**LB18**	Casing with emergency card, fitted to house n. 3 12 V - 7 Ah batteries.	
	Accessories for: 001FE40230 - 001FE4024	
001**FERNI-BDX**	Right-hand straight telescopic transmission arm for gate-leaves of up to 2 m / 6.56 ft.	
001**FERNI-BSX**	Left-hand straight telescopic transmission arm for gate-leaves of up to 2 m / 6.56 ft.	
	Accessories for: 001F1000 - 001F1100 - 001F1024	
001**F1001**	Straight telescopic transmission arm for gate-leaves of up to 2 m / 6.56 ft.	
	Accessories	
001**LOCK81**	Electric lock with single cylinder.	
001**LOCK82**	Electric lock with double cylinder.	
001**H3000**	Safety casing complete with release handle and command button for pull-cord release L = 5 m / 16 ft.	