

Ferni



PLAIN VIEW OPERATOR
FOR SWING GATES
UP TO 4 M (13 FT)
PER GATE LEAF



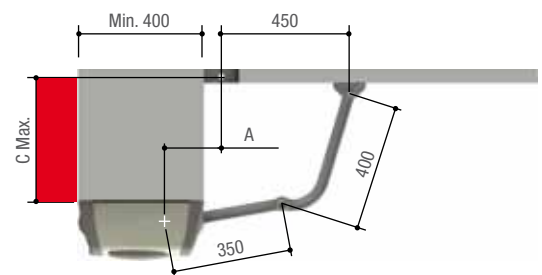
CAME

Versatile on large gate posts.

Ferni it is easy to apply to single gate leaves measuring up to 4 m (13 ft), onto large gate posts, where the centre distance between the front of the post and the gate's hinge may be considerable, even up to 30 cm (1.5 in).



Dimensions (mm)



Application dimensions (mm)

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

Benefits become solutions.



SIMPLY PRACTICAL

No masonry work or removal of gate leaf needed when mounting; it perfectly adapts to installation needs. A jointed arm is standard issue, but a special straight arm is also available for installing when walls or fences are very close to the gate.

THE "DOUBLE FACE" OPERATOR

Exclusive limit-switch "double face" system to make installation and settings even more practical and user-friendly. Depending on where the gearmotor is fitted (onto the right or left post), the grouping of micro-switches can then be fitted in the most suitable position.

TOTAL CONTROL

- Safe control of the gate leaf movement and of the slow-down phases with encoder technology that precisely detects any obstruction in the gate leaf's path.
- Self-diagnosis of the safety devices, such as the photocells, before the gate even moves.

SIMPLIFIED INSTALLATION

The utter versatility and special characteristics of this operator make each phase of professional installers much easier, user-friendly, accurate, especially when retrofitting.

- One single four-conductor cable to manage the power supply and slow-downs.
- Memorizes transmitters with different codes (up to 250 users).
- The control panel features a feature programming display.



EN TESTED safety

An electromechanical EN TESTED branded system always ensures safe controlled operation of moving gates, in compliance with current legislative standards in terms of impact forces.



Guaranteed by 24 Volts

Systems running at 24 Volts are super safe to use and very reliable under intense working conditions, such as those found at residential apartment complexes and industrial facilities. Moreover, 24 Volt systems work even during power outages, thanks to the optional batteries.



Read up at came.com about the full range of Came products!

Came is a market leading home, industrial, and special technological projects automation manufacturing company.

A full range of household solutions: from operators for gates and garage doors, to shutter and awning winding motors, and even home automation control, to burglar proof and video entry systems. Technology and reliability to serve your business, thanks to solutions designed for powering large industrial doors, automatic doors, street barriers, turnstiles, access control systems and parking facilities.





CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!

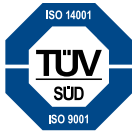
Ferni is available in the 230 V AC and the 24 V DC versions.

The table shows the main characteristics of the control panels, matched to the gearmotors.



GARANZIA QUALITÀ ORIGINALE

Came products are entirely designed and made in ITALY



Came S.p.A. is Quality

and Environmentally certified by
UNI EN ISO 9001
UNI EN ISO 14001

CONTROL PANEL

	ZA3N	ZM3E	ZLJ24	ZLJ14	ZL170N	ZL19N
SAFETY FEATURES						
SELF-DIAGNOSING safety devices		●	●	●		●
WAIT obstruction		●	●	●		
PARTIAL STOP	●	●	●	●	●	●
OBSTRUCTION DETECTED in front of photocells	●	●	●	●	●	●
Device for CONTROLLING MOVEMENT and DETECTING ANY OBSTRUCTIONS			●	●		
CONTROL FEATURES						
PEDESTRIAN OPENING one leaf		●	●	●		●
PARTIAL OPENING one leaf	●	●	●	●		
OPEN ONLY from transmitter and/or button	●	●	●	●	●	●
OPEN ONLY or CLOSE ONLY button connection	●	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from transmitter and/or from button	●	●	●	●	●	●
OPEN-CLOSE-INVERSION from transmitter and/or from button	●	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●	●
1st GATE LEAF OPENING DELAY	●	●	●			●
2nd GATE LEAF OPENING DELAY	●	●	●			●
CHARACTERISTICS AND ADJUSTMENTS						
CYCLE LAMP connection	●	●	●	●	●	●
COURTESY LAMP connection		●	●	●		
ELECTROLOCK/ELECTROBLOCK and/or ANTI RAMMING connection	●	●	●	●	●	●
Adjustable AUTOMATIC RECLOSING TIME	●	●	●	●	●	●
OPENING and/or CLOSING slow down		●	●	●	●	●
EMERGENCY BATTERY operation (optional)			●	●	●	●
Adjustable GATE TRAVEL and SLOW DOWN speeds		●*	●	●	●	●

* NOTES: only slow down speed

● 230 V AC ● 24 V DC

MODEL

	FE40230	FE40230V	FE4024	FE4024V
Protection rating (IP)	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V - 50/60 Hz)	230 AC	230 AC	24 DC	24 DC
Draw (A)	1.2	1.3	7 Max.	5 Max.
Power (W)	140	150	130	150
Opening time at 90° (s)	34	18	ADJUSTABLE	ADJUSTABLE
Duty cycle (%)	30	30	INTENSIVE USE	INTENSIVE USE
Torque (Nm)	540	320	360	360
Operating temperature (°C / °F)	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131
Motor's heat protection (°C / °F)	150 / 302	150 / 302	-	-

● 230 V AC ● 24 V DC

LIMITS TO USE (MAXIMUM LEAF LENGTH)

	FE40230	FE40230V	FE4024	FE4024V
2 m 6.6 ft	800 Kg 1,770 lb	800 Kg 1,770 lb	800 Kg 1,770 lb	800 Kg 1,770 lb
* 2.5 m 8.2 ft	600 Kg 1,330 lb	600 Kg 1,330 lb	600 Kg 1,330 lb	600 Kg 1,330 lb
* 3 m 10 ft	500 Kg 1,100 lb	500 Kg 1,100 lb	500 Kg 1,100 lb	500 Kg 1,100 lb
* 3.5 m 11.5 ft	450 Kg 992 lb	450 Kg 992 lb	450 Kg 992 lb	450 Kg 992 lb
* 4 m 13 ft	400 Kg 880 lb	400 Kg 880 lb	400 Kg 880 lb	400 Kg 880 lb

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

● 230 V AC ● 24 V DC

SOME VERSION MAY NOT BE AVAILABLE IN YOUR COUNTRY. FOR MORE INFORMATION PLEASE CHECK WITH YOUR LOCAL AUTHORIZED DEALER.



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Came S.p.A.

Via Martiri della Libertà, 15
Dossone di Casier
Treviso - Italy

www.came.com

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