

Frog-J



BELOW-GROUND
OPERATOR FOR SWING
GATES UP TO
1.8 M (6 FT)
PER GATE LEAF



CAME

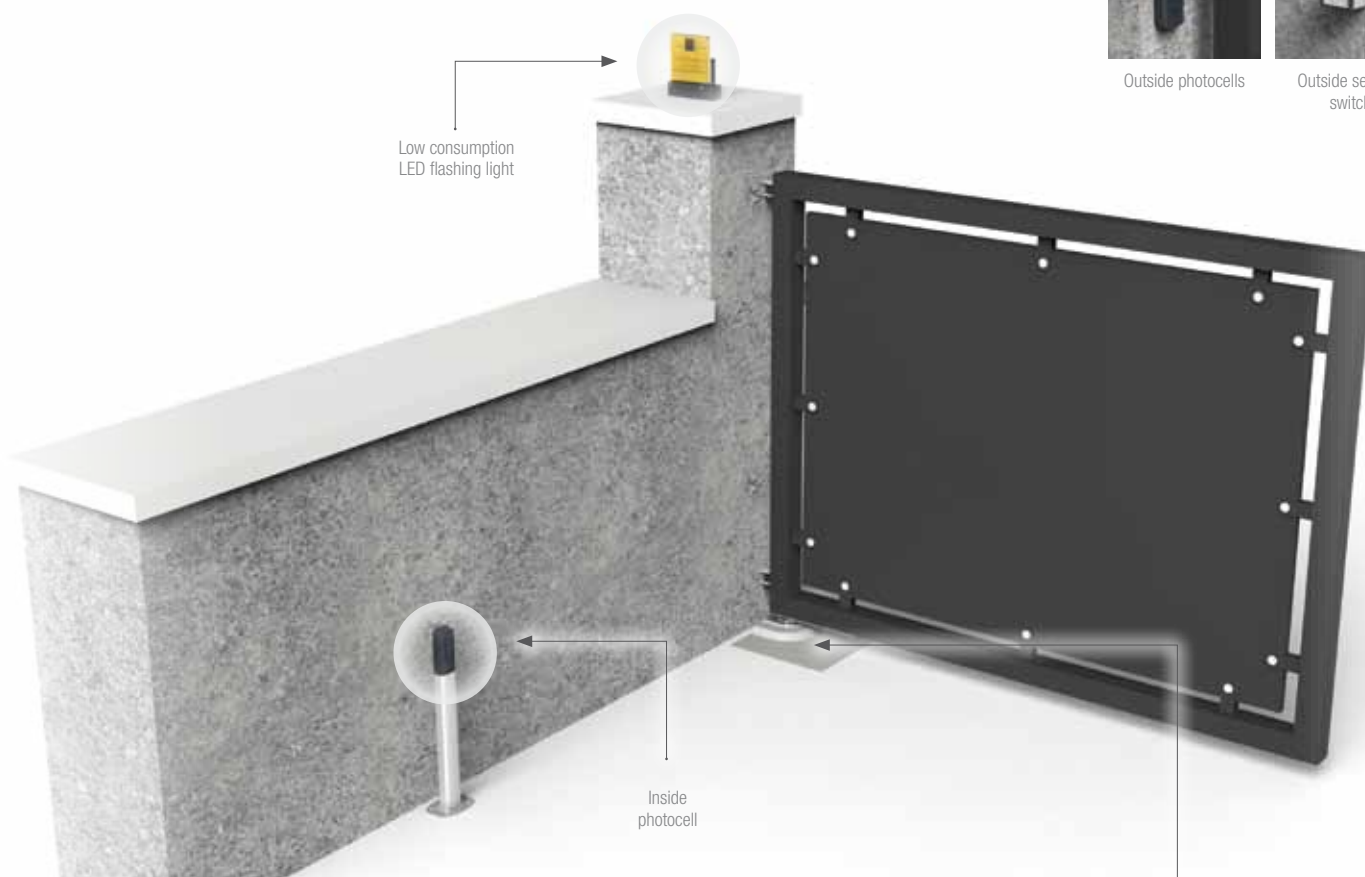
The simple below-ground solution.

Frog-J is the below-ground gearmotor for small swing gates measuring up to 1.8 m (6 ft) length per gate leaf. Installing it requires no costly construction work, as it take up just 85 mm (3.4 in) of foundation space. The ideal operator for small swing-gates in residential settings.

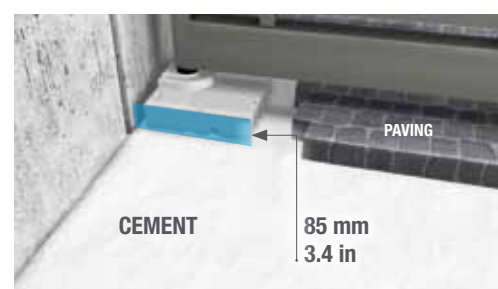
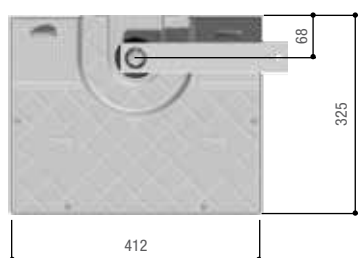


Outside photocells

Outside selector switch



Dimensions (mm)



CEMENT

PAVING

85 mm
3.4 in

Benefits become solutions.

EASY INSTALLATION

It only takes up 85 mm (3.4 in) of digging to instal Frog-J's foundation box! This makes it easy to install even where a foundation has not been previously set up or where walls have already been erected.

TOTAL CONTROL

- The encoder-based electronics ensure proper gate movement, especially during its slow down phases. It also accurately detects any obstructions when the gate is moving.
- The warning LEDs built into the electronic board make for easy diagnosis of the systems features.
- Installation is made easy thanks to one three-conductor cable for managing the power supply and slow-downs.

INNOVATIVE AND EXCLUSIVE BUILT-IN RELEASE SYSTEM, WITH CUSTOMIZED KEY

User friendly, hermetic, protected by the special gasketed door, it is readily accessible from inside and outside the gate.

SAFETY UNDER CONTROL

The system is managed by an adjustable control panel. Besides its regular functions, it runs self-diagnosing checks of all safety devices.

Before the gate even moves, the electronics checks the proper operation of the photocells and sensitive safety edges, to ensure safe openings and closings of the gate.



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!

Frog-J is available only in the 24 V DC version.

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

	ZL92	ZLJ24	ZLJ14
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			
COURTESY LAMP connection		●	●
Contact output for 2nd RADIO CHANNEL	●	●	●
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	●	●	●
SELF-LEARNING opening and closing limit-switches	●	●	●

● 24 V DC

MODEL

FROG-J

Protection rating (IP)	67
Power supply (V - 50/60 Hz)	230 AC
Power supply to motor (V - 50/60 Hz)	24 DC
Draw (A)	10 Max.
Power (W)	240
Opening time at 90° (s)	ADJUSTABLE
Duty cycle (%)	INTENSIVE USE
Torque (Nm)	260
Operating temperature (°C / °F)	-20 ÷ +55 / -4 ÷ +131
Motor's heat protection (°C / °F)	-

● 24 V DC

LIMITS TO USE (MAXIMUM LEAF LENGTH)

1.8 m
6 ft

FROG-J
200 Kg
441 lb

● 24 V DC

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

Official Partner



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ENERGY FOR LIFE

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