

External
automations for
swing gates
up to 2.3 m



FAST

**The compact, versatile
solution by CAME**

FAST is part of an innovative series of automation systems for swing gates. Powerful and versatile, their design is specific for application on medium and large sized gate-pillars.



FAST

230V 24V

The safe and versatile automation for swing gates

With its articulated transmission arms FAST is the new automation system for swing gates up to 2.3 meters long. This new product has a precise applicative purpose.

To be installed on medium and large sized pillars, yet with relatively little mounting requirements. Choosing the FAST automation system means securing tomorrow's technology, today.



Safe and practical. The convenient release lever enables manual opening of the gate in case of a power outage.



Modern and refined design. Thanks to the extreme attention to details and choice of materials.



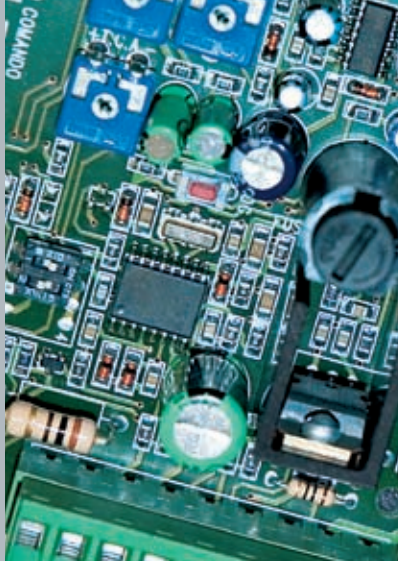
A compact automation system. The basic version of FAST already comes with a built-in control panel so now further circuit boards are needed.

Comfort at its best. FAST is also available in the 24V version, to ensure opening even during a power outage.



Compact and sturdy. FAST takes up very little space and is easily mounted on pillars. Yet the reduced dimensions contain very sturdy, reliable mechanical parts.

Safe and versatile. FAST's articulated transmission arm is designed to provide safe movement and simple installation, even on medium and large pillars (up to 200 mm between the gate pinion and the wall where the motor is installed).



230V Electronics

FAST's new 230V electronics provides specific command and safety functions in the standard series version. There are, however, additional circuit boards available, that give top performance technology, in terms of service and safety. Here are some examples:

- > **Tests the safety features active on the automation system**
Prior to each gate opening and closing.
- > **Partial pedestrian opening**
opens just one gate leaf to enable limited pedestrian access.
- > **Complete control of the gate using the transmitter**
including the possibility of immediately halting the movement of the gate leaves.

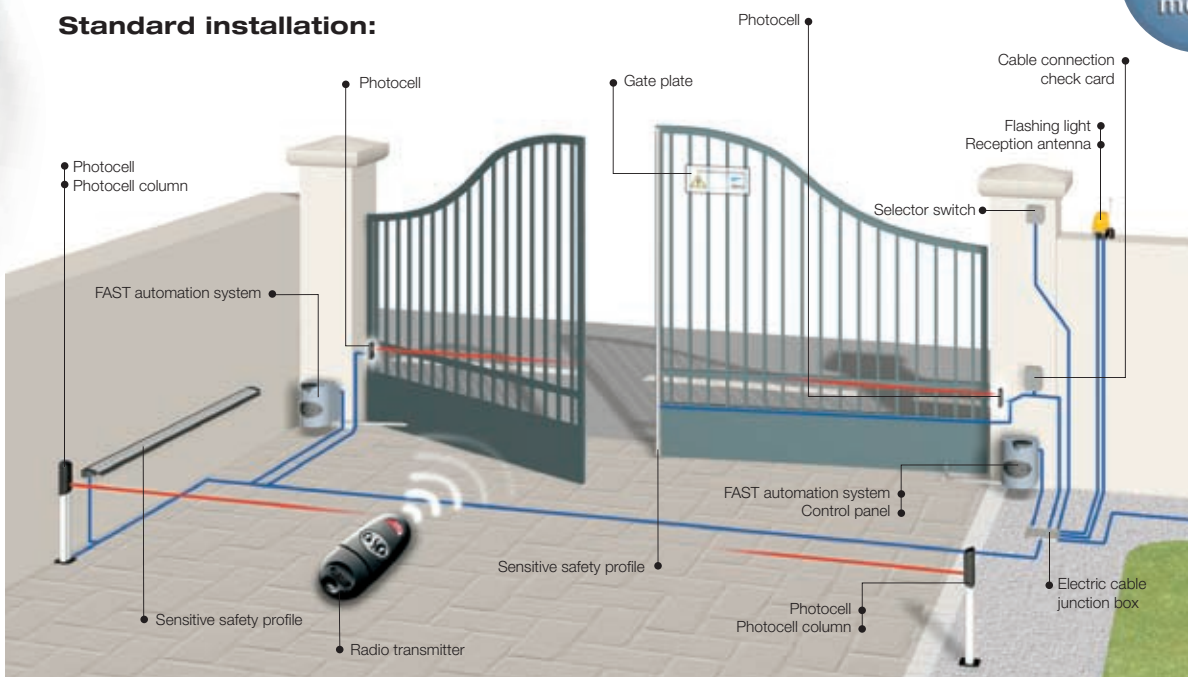
The advantages of the 24V FAST

When max comfort, performance and safety are needed, FAST's 24V technology provides top level potential of the automation system, particularly:

- > **Blackouts no more**
The 24V-powered FAST electronics automatically recognises the interruption of electric power and thus activates the emergency batteries, so that the gate can always be opened and closed (optional).
- > **Frequent passages**
The low voltage gearmotor ensures functioning even under severe working conditions such as when applied to condominiums or industrial facilities.
- > **Quick openings**
To best adapt to any particular needs, the 24V electronics enables the working speed of the system to be adjusted, which includes a soft, gentle closing.
- > **Photocell**
A special electronic circuit constantly analyses the proper functioning of the gate leaves, by stopping, or inverting the direction of movement, in case of any obstructions.



Standard installation:



In the event a careful analysis of the automated gate's risks were to require it, the use of sensitive safety infrared or contact profiles becomes indispensable.
If the gate leaves are of the panel kind, or in the presence of strong winds, the 230V version is SUGGESTED.

The models

230V Gearmotors

- F7000** Automation system with 230V IRREVERSIBLE gearmotor with a built-in control panel and articulated transmission arm
- F7001** Automation system with 230V IRREVERSIBLE gearmotor with an articulated transmission arm

230V Circuit boards and casings

- ZF1** BASIC circuit board for two-leafed swing gates with built-in radio decoder
- ZA5** BASIC circuit board for one-leafed swing gates with built-in radio decoder (excluding the AF30 radio card)
- ZA3** PLUS circuit board for two-leafed gates swing gates with built-in radio decoder
- ZM2** MULTIFUNCTION circuit board for two-leafed swing gates with auto-diagnosis of safety devices and built-in radio decoder
- S4339** ABS casing dimensions L197 x P110 x H290 mm
- S4340** ABS casing dimensions L240 x P145 x H320 mm

24V Gearmotor

- F7024** Automation system with IRREVERSIBLE 24V D.C. Gearmotor complete with articulated transmission arm

24V Control panels

- ZL170** Control panels for one-leaf swing gates with built-in radio decoder
- ZL19** Control panels for two-leafed swing gates with built-in radio decoder
- LB18** Emergency back-up unit with housing for 3 12V - 7Ah batteries

Accessories

- F7002** Straight transmission arm and sliding guide

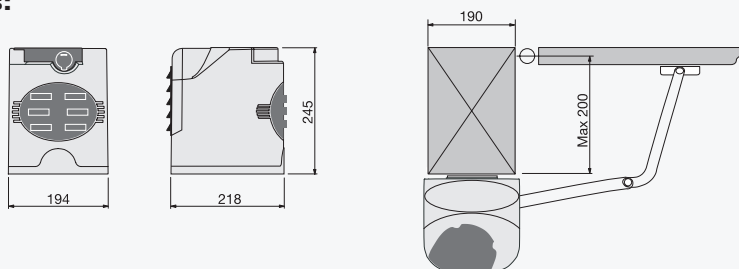
Technical features:

Types	F7000	F7001	F7024
Degree of protection		IP54	
Motor power supply	230V A.C. (50/60Hz)		
Absorbed input	230V A.C. (50/60Hz)	230V A.C. (50/60Hz)	24V D.C.
Max Draw	1,4A	1,4A	11A
Max power	160W	160W	140W
Opening time (90°)	18s	18s	16 ÷ 45s
Operation intermittence	30%	30%	intensive
Max torque	180 Nm		
Operating temperature	-20°C ÷ +55°C		

Limits to use:

Width of the gate leaf (m)	Weight of the gate leaf (Kg)
1	300
1,5	250
2	215
2,3	200

Dimensions:



PRODUCTS



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.



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