

The models

110V/230V barriers

- G2081** Automatic barrier in zinc plated or coated steel with 110V/230V AC gearmotor complete with casing and control board transformer
- G2081I** Automatic barrier in brushed AISI 304 stainless steel with 110V/230V AC gearmotor complete with casing and control board transformer

110V/230V electronics

- ZG5** Extra electronic board designed with a socket for CAME radio cards
- ZG6** Basic electronic card for designed with a socket for CAME radio cards

24V barriers

- G2080** Automatic barrier in zinc plated or coated steel with 24V DC gearmotor complete with casing and control board transformer
- G2080I** Automatic barrier in brushed AISI 304 stainless steel with 110V/230V AC gearmotor complete with casing and control board transformer

24V electronics

- ZL38** Electronic card designed with a socket for CAME radio cards

Technical information:

110V/230V

Type	G2081 / G2081I
Protection level	IP54
Power supply	110V/230V AC
Motor power supply	110V/230V AC
Power	330W
Rated current	2.8 A
Reduction ratio	1/202
Motor torque	250 Nm
Opening time	8 sec
Operating intermittence	30%
Operating temperature	-20°C ÷ +55°C

24V

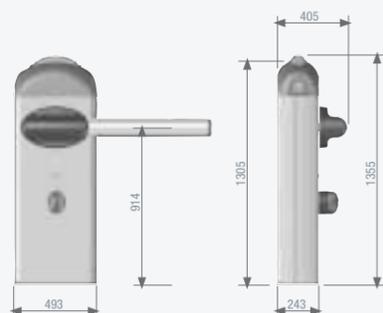
Type	G2080 / G2080I
Protection level	IP54
Power supply	110V/230V AC
Motor power supply	24V DC
Power	300W
Maximum absorption	1.3A(110V/230V) 15A(24V)
Reduction ratio	1/202
Motor torque	600 Nm
Opening time	4÷8 sec
Operating intermittence:	intensive operation
Operating temperature	-20°C ÷ +55°C

General product information:

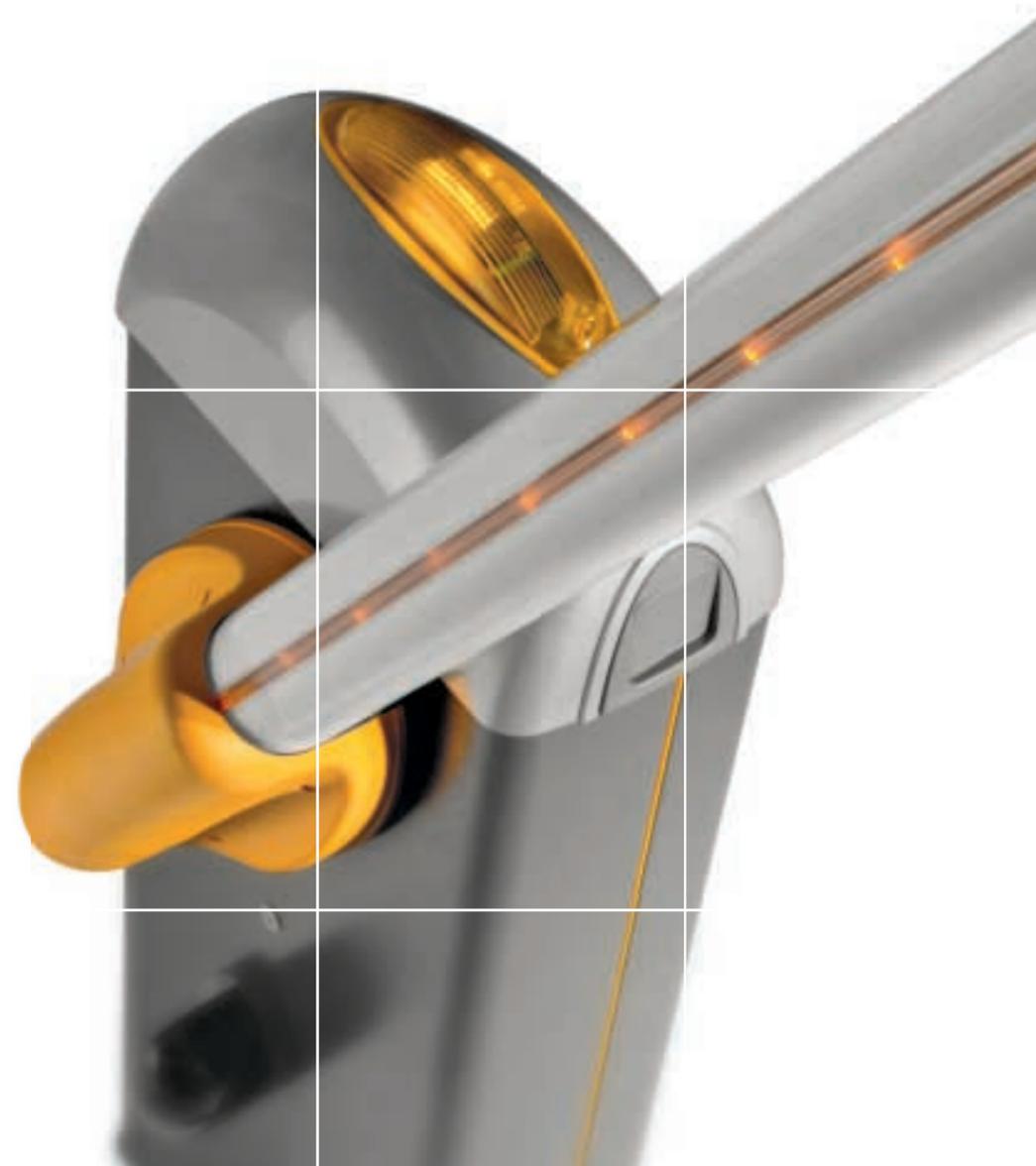


Composition of the bar	Width of passage
Simple bar	7.6 m / 24.9 ft
Bar with moveable base	7 m / 23 ft
Bar with lighted cord	7.6 m / 24.9 ft
Bar with lighted cord and moveable base	7 m / 23 ft
Bar with rack	7 m / 23 ft
Bar with rack + lighted cord	7 m / 23 ft

Overall dimension



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Automatic street barriers for passage of widths up to 7.6 m / 24.9 ft

new GARD 8

A new concept of automatic barrier

Innovation and design for all-inclusive security: these are the most recent additions to the GARD barrier line family. Soft contours and rounded corners to counteract the "sail effect" for a barrier that incorporates perfectly into a diversity of installation settings.



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GARD8

Automatic street barriers

Designed for a range of large openings up to 7,6 m / 24.9 ft, the new GARD barrier are the ideal solution for control of roads and parking areas for industrial and public use.

The GARD series is available in the 110V/230V AC motor and the 24V DC motor versions

The new series offers many new features, all marked by innovation.

A blend of design and modern technology of illumination: the exclusive incorporated flashing lamp with a lighted LED diffuser needs no special maintenance and ensures complete visibility of the warning light.

The protective guard on the bar is a standard feature to protect the user from possible risk when the bar is in rotation.

Integration and modularity: photoelectric cells and command selectors are integrated with the automation, in perfect visual harmony.

Command electronics: protected by a die-cast aluminium guard, it is positioned to make any type of intervention extremely practical.

Safe and secure intervention: an electronic contact automatically interrupts the power supply voltage as soon as the inspection door is opened.

Differentiated sensitivity spring: for exceptional balancing of the bar.

Round tubular bar: for maximum reduction of the sail effect ensuring correct functioning even in areas subject to high winds.

Intermittent lighted cable cord: superior visibility of the arm and maximum durability of the light fixtures.

Electronics

The GARD series barriers are constructed with next-generation electronic controls that guarantee total control of the automatic system, improving and increasing the usual safety and control functions, such as:

- > **comprehensive AUTOTEST** of all the safety devices connected to the system prior to activating the motor (electronic autotest).
- > **electronic control of the movement** of the bar with obstruction detection (anti-crushing function).
- > **a safety feature even with the bar is stationary:** all controls are invalidated if an obstruction is detected by the safety devices.

24V barriers

Streets, parking areas, collective areas or simply specific functional and security needs of the system can call for the use of a GARD system with 24V technology.

- Frequent black outs** > The electronics of a GARD24 system automatically recognize a lack of power and activate emergency operation with special buffer batteries.
- Intensive traffic** > The low-voltage motor ensures operation of the barrier for intensive traffic conditions, such as streets, parking areas and other areas entailing constant, intensive operation.
- Rapid transit** > The 24V technology regulates the barrier opening time between 8 and 4 seconds.

Global entry control

The GARD series automatic barrier system can be connected to many of the CAME access control systems that allow identification, memorization, and entry and exit only to authorized personnel. The equipment can also be integrated with a global access control system for specific departments in a company or the services offered by a collective or condominium structure.

