



### SERIES FEATURES

-  Magnetic encoder control
-  Self-locking motor
-  Self-learning
-  Multi-decoding
-  Built-in radio receiver card
-  Bluetooth compatible
-  ECU

### PRODUCT FEATURES

-  Motors powered by 230V
-  Built-in programmer
-  Maximum door height 2.7m
-  Maximum door surface area 11mq
-  Bluetooth compatible

## Characteristics GLMECHA SERIES

### Automation for counterbalanced garage doors

A complete automatic device suitable for moving all types of counterbalanced garage doors. The compact and solid form makes this product a versatile machine that may be used safely and efficiently on all types of counterbalanced garage doors.

The automation consists of a compact geared reduction unit (with an incorporated encoder and bilateral manual release system) and is fitted with a reduction system made from materials that allow maximum efficiency and minimum noise. All the components making up the device: geared motor, transformer, electronic programmer are mounted on a robust chassis made of shockproof plastic and are separated and protected by a double carter that completely covers all the moving parts and safely houses all the cables and wiring.

The second removable cover allows access to all the setting and program functions in complete safety. Internally, the carter contains the mechanism required to activate the manual release system and this allows the manoeuvre to be fluid and manageable under all working conditions whilst at the same time covering all possible manual release mechanisms installed by the door manufacturers: a handle directly installed on the geared motor, an external release cord or via a hexagonal key operated mechanism that is accessed through the door panel both to the right and to the left of the motor.

The door position is encoder controlled and self-programming thus reducing installation times to a minimum and optimising the programming procedure. Repositioning takes place automatically whenever foreign objects get in the way of the door as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" (24V version only) functions and a display that monitors the programming stages and counts the number of manoeuvres carried out by the machine.

#### Multi-decoding

The product range is factory fitted with a multi-decoding remote control module (system S449 - S486 - S504 - S508). By default the devices are supplied with a 433MHz RF module and the S504 / S508 series memory module inserted. To control the device with S449 transmitters, insert the ZGB24LC16-I / P memory module (supplied with the device) and consult the relevant section. For the S508 / S486 series purchase and insert the 868Mhz RF module.

For garage doors larger than 4 metres and for garage doors with an in-built pedestrian door (mounted laterally) a second slave motor is required.

Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.

The Bluetooth module MODBT is to be ordered separately.

## Product features GLMECHA230M

### Self-programming electromechanical unit with a 230V motor

Self-locking encoder-controlled master automation with an in-built electronic programmer. Operator arm to be ordered separately.



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# GLMECHA230M - AUTOMATION FOR COUNTERBALANCED GARAGE DOORS

Self-programming electromechanical unit with a 230V motor



## GENERAL CHARACTERISTICS

Single phase mains power supply 50/60Hz	Vac	230
Power input	W	350
Nominal electrical input	A	1,6
Motor power supply	Vac	230
Maximum motor power yield	W	350
Nominal electrical input motor	A	1.6
Duty cycle	%	25
Geared motor speed	rpm	1.6
Torque max.	Nm	351
Operating temperature range	°C	-20...+55
Protection grade	IP	54
Insulation class	Cls	II

## CONNECTIVITY

Optional receiver module

Mod-RF-868MHz

## OVERALL DIMENSIONS



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