



# The range

Operators and control panel EN12445 - EN12453 tested.

- E306** 230V A.C Self-locking operator for doors of up to 9 m<sup>2</sup>.
- E456** 230V A.C Self-locking operator for doors of up to 14 m<sup>2</sup>.
- ZE5** 230V A.C. Control panel with radio decoding and fitted to be mounted on E001 plate.

Operator and control panels EN12445 - EN12453 tested.

- E1024** 24V D.C Self-locking operator for doors of up to 14 m<sup>2</sup>.
- ZL170N** 24V D.C. Control panel with radio decoding, for overhead doors with one operator.
- ZL19NA** 24V D.C. Control panel with radio decoding, for overhead doors with two operators.

### Accessories

- LB18** Card for connecting three 12V - 7Ah emergency batteries, with ABS casing.
- E001** Fastening base-guide L = 2 m for all the operators and ZE5 control panel.
- V121** Cord release device and release reset L = 3 m.
- E781A** Accessories to assemble the lateral transmission.
- E782A** Drive shaft 25 x 25 mm L = 3 m.
- E783** Pair of articulated arms.
- E784** Extra-strength lever for articulated arm for doors heights greater than 2.4 m.
- E785A** Pair of straight telescopic arms with rectangular tube 40 x 10 mm.
- E786A** Pair of curved telescopic arms with rectangular tube 40 x 10 mm.
- E787A** Extra-strength tube for E785A and E786A telescopic arms, for doors higher than 2.4 m.
- E881** Electric lock.

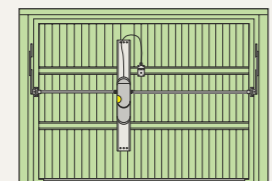
### Technical features

Series	E306	E456	E1024
Protection rating	IP50	IP50	IP50
Control board power supply (V)	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz
Motor power supply (V)	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz	24 D.C.
Current draw (A)	2	2	15 max
Max Power (W)	190	200	180
Opening time (s)	25	25	13 ÷ 22
Duty cycle (%)	50	50	intensive use
Max torque (Nm)	300	420	450
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

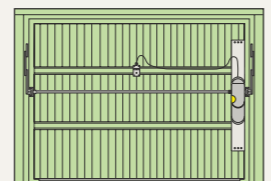
● 230V A.C. ● 24V D.C.

### Note

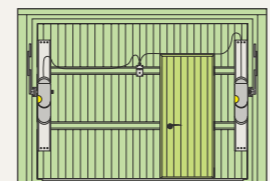
Different types of operators may be installed depending on the dimensions, weight and possible pedestrian doors inserted into the gate/garage leaf.



Central operator

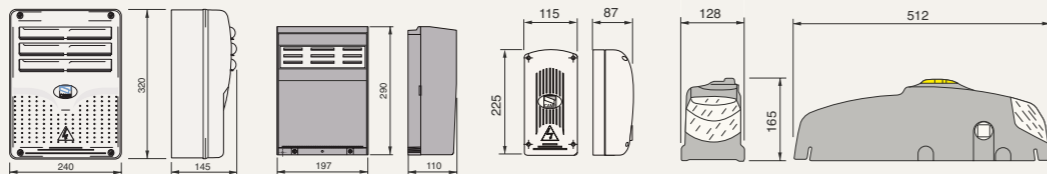


Lateral operator



Two operators

### Dimensions



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Operator for  
overhead garage  
doors of  
up to 9 and 14 m<sup>2</sup>



Gate operators tested  
in compliance with  
European  
Standards on the  
subject of impact  
force.



# Emega

**Power and control for all  
of the overhead garage  
doors**

Emega is an electro-mechanical operator which has been specifically engineered to operate medium-to-large sized overhead, wooden or insulated garage doors. With Emega there are no limits to the use of your garage door.



# Emega

230V 24V

The operator for overhead garage doors

The garage door operator that makes entering easy, lights up the surrounding area and guarantees that the door locks shut when closed. The Emega series is particularly suited for medium-to-large sized, wooden or insulated doors. It also comes in the 24V version which enables opening even during a power outage.



**Comfortable and practical to use.**

The built-in release lever provides manual opening of the overhead garage door during a power outage, and can be engaged even from outside by way of the door handle.



**Increased safety thanks to the encoder.**

All of the 230V Emega versions are fitted with a standard encoder to provide obstacle detection and slowing down functions of the door.



**All this takes up very little space.**

The simple-to-use mounting plate found on the Emega series can also be fitted with the ZE5 control panel giving the final assembly an aesthetic as well as functional touch.



**EN12445 - EN12453 compliant.**  
The ZE5, ZL19NA and ZL170N constantly control the door leaf movement by means of an encoder and allow for a safe thrust in compliance with the European standards.

**Illumination of the surroundings.**  
The practical lamp built-into the unit provides for better indoor visibility, making your final parking manoeuvres safer.

**No maintenance required.**  
Emega is an electro-mechanical operator that does not contain liquid lubricants and thus does not require periodic maintenance.

**Design and ergonomics.**  
The casing cover has been designed to be free of any sharp corners or other dangerous parts, giving you an aesthetic values as well as peace-of-mind.



## The 230V electronics

Besides the normal command and safety functions, the electronics supplied with the 230V Emega series provide certain special features which enable total control of the automated unit, such as:

- > **Obstacle detection**  
thanks to the encoder which regulates the door leaf's slowing down phases.
- > **Delayed movement during the opening phase**  
ensures safe and silent closing of the door leaf.
- > **Total control of the door from the transmitter**  
which also includes the possibility of immediately stopping the door's movement.

## The advantages of the 24V Emega

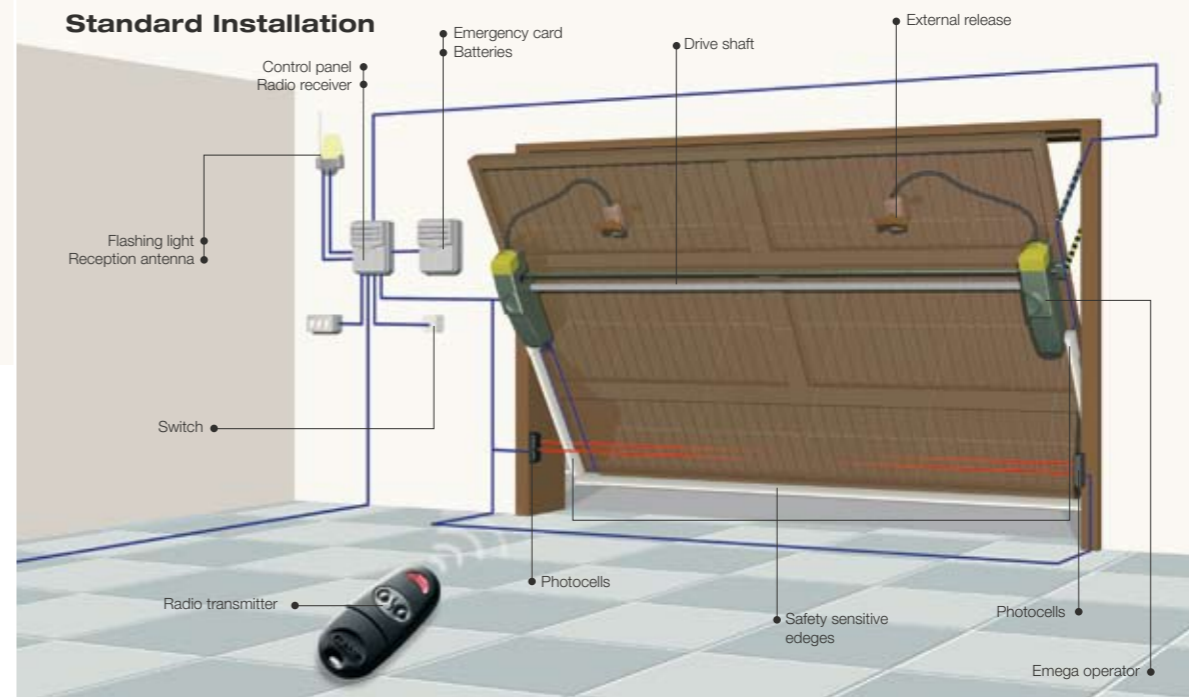


When the situation calls for the very best in terms of comfort, performance and safety, then the 24V technology rises to the challenge to express the full potential of the automation system, particularly for the following:

- > **Controlled impact forces**  
Thanks to laboratory testing carried out on a door sample, 24V Emega is European standard EN12445 and EN12453 compliant, in terms of impact forces.
- > **Blackouts no more**  
Emega's 24V electronics immediately act in the event of a power outage by activating the emergency function through the auxiliary batteries, to always open and close the door (optional).
- > **Frequent passing**  
The low voltage gearmotor guarantees functioning even under the most severe working conditions such as apartment blocks or intensive use.
- > **Quick openings**  
For service features adaptable to single needs, the 24V electronics enable adjustment of the opening and closing speed while providing for a soft, smooth closing of the door leaves.



### 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 edges becomes indispensable.

