



EMEGA

**OVERHEAD
DOOR OPERATOR.**

Door surface up to 14 m²



CAME 

CAME.COM

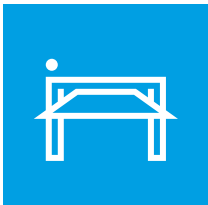




1
Photocell

THE SAFE, QUICK AND ELEGANT ENTRANCE.

EMEGA is a 24 V DC operator, with built-in function display for garage doors not larger than 9 m². With large insulated doors measuring up to 14 m², or for other needs, it is possible to use the double motor. It is ideal for quickly and silently moving all types of counter-weighted or spring-loaded overhead doors, whether they are made of steel plating, wood or insulated.



THE BENEFITS OF CAME EMEGA

- Automation designed for medium and large overhead doors also for intensive use.
- All models are tested according to the parameters provided by current regulatory standards.
- Encoder technology for detecting obstructions and managing slow-downs.
- Release lever for manual door opening in the event of a power failure, which can also be operated from the outside thanks to the cord which can be applied on the door handle.
- Built-in control panel.
- Display for programming and viewing features, with LED for the door status diagnostics (model EM4024CB).
- The 24 V motor is used for adjusting the maneuvering and final approach speeds when opening and closing.



MAXIMUM COMPATIBILITY AND MINIMUM SPACE

- Die-cast aluminium structure to withstand overtime also to stresses caused by intensive use, for example use in apartment blocks.
- Encoder-based technology that constantly analyzes the door's proper functioning, and stopping it, or inverting its movement, if any obstruction is encountered.
- A handy release is lever fitted on the motor for connecting to the standard door handle for manually opening the door even from outside.

CONTROL KEYPAD DISPLAY FOR VIEWING THE FUNCTIONS

The EM4024CB operator features a built-in keypad for programming and controlling the door. The courtesy lighting relies on LED technology which ensures high efficiency, durability and energy savings.



SURFACE-MOUNTED CONTROL AND PROGRAMMING PUSH BUTTON-PANEL

- Initial setup.
- Opening or closing control.
- Viewing features.
- Adjustable speed.
- Adjusting slow-downs.
- Warning LED for features diagnosis.

EMEGA TECHNOLOGY



GUARANTEED 24 VOLTS

The 24 V DC gearmotors are designed for intensive duty and are guaranteed to work even during power outages. This icon also means that a product is powered by low voltage.



EN TESTED SAFETY

This operator is tested in conformity with European Standards on impact forces.



ENCODER

Gearmotor or operator with Encoder.

READ UP AT CAME.COM ABOUT THE FULL RANGE OF CAME OPERATORS AND ACCESSORIES



TRANSMITTERS



PHOTOCELLS



SELECTORS
KEY-OPERATED



SELECTORS
WITH KEYPAD

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.

CAME.COM

CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING-GATE OPERATOR



AUTOMATED OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC STREET BARRIERS



INDUSTRIAL DOOR OPERATORS



SHUTTER OPERATORS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES



COMPLETE SYSTEMS



CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!

EMEGA is available in the 24 V DC version.

The table shows the main characteristics of the control panel, matched to the gearmotor.

EM4024CB

CONTROL BOARD / CONTROL PANEL

ZL43

SECURITY	
SELF-DIAGNOSING safety devices	■
PREFLASHING while opening or closing	■
REOPEN while closing	■
Obstruction WAIT	■
TOTAL STOP	■
PARTIAL STOP	
OBSTRUCTION DETECTED in front of photocells	■
ENCODER	■
AMPEROMETRIC DETECTION	■
COMMAND	
PARTIAL OPENING *	■
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	■
IMMEDIATE CLOSING	■
CHARACTERISTICS	
FLASHING LIGHT connection	■
CYCLE LAMP connection	■
COURTESY LAMP connection	■
Antenna	■
GATE OPEN FLASHING LIGHT connection	■
OPERATING TIME adjustment	■
SELF-LEARNING of the transmitter's RADIO CODE	■
Adjustable AUTOMATIC RECLOSING TIME	■
OPENING and/or CLOSING slow down	■
EMERGENCY BATTERY operation (optional)	■
Adjustable TRAVEL and SLOW-DOWN speeds*	■
DISPLAY	■
SELF-LEARNING opening and closing limit-switches	■

NOTES: * Partial opening can be activated by button or selector, but also by transmitter.

■ 24 V DC

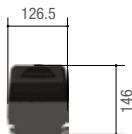
EMEGA TECHNOLOGY



PRODUCTS	24V DC	EN TESTED	EMEGA
EM4024CB	■	■	■
EM4024	■	■	■

The table above shows **only** the products associated with the **CAME technologies**. The complete range of products is available in the General Catalog.

DIMENSIONS (MM)



LIMITS TO USE (M²)

MODELS	EM4024CB	EM4024
Maximum door surface	9	-

NOTES: For doors larger than 9 m² up to a maximum of 14 m² use: one EM4024CB gearmotor + one EM4024 gearmotor

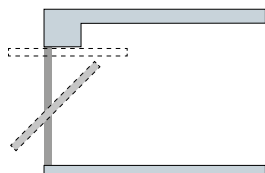
■ 24 V DC

TECHNICAL CHARACTERISTICS

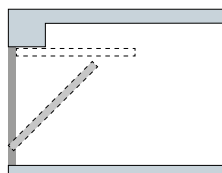
MODELS	EM4024CB	EM4024
Protection rating (IP)	40	40
Power supply (V - 50/60 Hz)	120 - 230 AC	-
Motor power supply (V)	24 DC	24 DC
Current draw (A)	15 Max.	15 Max.
Power (W)	170	70
Maneuvering time at 90 ° (s)	ADJUSTABLE	ADJUSTABLE
Intermittence / Duty-cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Operating temperature (°C)	-20 to +55	-20 to +55

■ 24 V DC

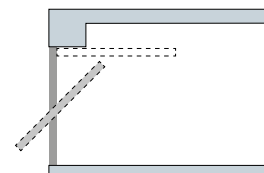
APPLICATIONS



Partially retracting and protruding overhead doors



Fully retracting and protruding overhead doors



Fully retracting non-protruding overhead doors



© KADENATE18 - 2018 - EN

CAME RESERVES THE RIGHT TO MAKE ANY CHANGES TO THIS DOCUMENT, AT ANY TIME. EVEN PARTIAL REPRODUCTION IS PROHIBITED.



CAME S.p.A. has the following Quality, Environmental and Safety certifications:
 UNI EN ISO 9001
 UNI EN ISO 14001
 BS OHSAS 18001



CAME S.p.A.
 Via Martiri della Libertà, 15
 31030 Dosson di Casier
 Treviso - ITALY

CAME.COM