

## HLMOLE24

Electromechanical operator with a 24V motor for gates with a 105° maximum opening angle



### SERIES FEATURES

 Motors powered by 24V

 Self-locking motor

### PRODUCT FEATURES

 Maximum opening angle 105°

 Intensive use

 Magnetic encoder control

 Maximum gate weight 350kg

 Maximum gate length 3.5m

 Pre-wired connection cable

 Residential housing

## Characteristics HLMOLE SERIES

The automation is made up of a series of components consisting of an electronic programmer, one or two sealed self-locking operators complete with embedding cases and a special 2-metre long connecting cable.

The robust and reliable electromechanical operator guarantees optimum performance under all working conditions and its system of ball bearing balanced pivoting levers guarantees regular and silent running. Internally the automation is fitted with highly resistant cast iron helicoidal gears.

The hot dip galvanized or stainless steel embedding cases are guaranteed to remain rust free throughout time.

Particularly suited for installations that do not allow column installations or where the automation has to be completely hidden with the possibility of reaching an opening angle up to 360° (with an optional accessory).

The units do not feature on board electronics and we advise you to use a Cardin electronic programmer:

Cardin T600 for 1 or 2 230V motors.

Cardin T624 for 1 or 2 24V motors.

On the 24V model gate position is encoder controlled with the use of mechanical travel limits 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 gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

The reversible geared motor guarantees that the gate will remain blocked when closed. The manual emergency movement system is easy to operate using the personalised "locking-unlocking" key or a lever operated system and rearming is automatic.

## Product features HLMOLE24

Electromechanical operator with a 24V motor for gates with a 105° maximum opening angle

Encoder controlled electromechanical self-locking operator

Fitted with a crank rod transmission system.

Supplied with a 2m connection cable.

Embedding case and Cardin electronic programmer to be ordered separately.



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### GENERAL CHARACTERISTICS

|                                |     |           |
|--------------------------------|-----|-----------|
| Motor power supply             | Vdc | 24        |
| Maximum motor power yield      | W   | 120       |
| Nominal electrical input motor | A   | 5         |
| Duty cycle                     | %   | 70        |
| Opening time 90°               | s   | 19        |
| Opening time 110°              | s   | 23        |
| Opening time 180°              | s   | 40        |
| Torque max.                    | Nm  | 400       |
| Operating temperature range    | °C  | -20...+55 |
| Protection grade               | IP  | 67        |



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