



## CARATTERISTICHE SERIE



Self-locking motor

## CARATTERISTICHE PRODOTTO



Maximum gate length 3m



Maximum opening angle 360°



Intensive use



Motors powered by 24V



Magnetic encoder control



Maximum gate weight 350kg



Residential housing

## Characteristics HL SERIES

### Underground automation for swing gates

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 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.

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.

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

PRG230M2 for 1 or 2 230V motors.

CC242ETOPCB - CC242EXTOPCB for 1 or 2 24V motors.

On the 24V model gate 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 gate as it is moving.

The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

The control electronics also comes complete with a display that monitors the programming stages and counts the number of manoeuvres carried out by the machine.

The irreversible reduction system guarantees the blocking of the gate in the closed position. The manual emergency movement system is easy to operate using a personalised "locking-unlocking" key and rearming is automatic.

## Caratteristiche prodotto HL1824ESB

Electromechanical operator with a 24V motor for gates with a 180-360° maximum opening angle

Self-locking encoder-controlled operator.

Fitted with a chain driven transmission system (chain kit included).

Embedding case, Cardin electronic programmer and connection cable to be ordered separately.



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## HL1824ESB

Electromechanical operator with a 24V motor for gates with a 180-360° maximum opening angle



### GENERAL CHARACTERISTICS

Motor power supply	Vac	24
Maximum motor power yield	W	60
Nominal electrical input motor	A	2
Duty cycle	%	70
Opening time 90°	s	22
Opening time 110°	s	27
Opening time 140°	s	35
Opening time 180°	s	44
Torque max.	Nm	170
Operating temperature range	°C	-20...+55
Protection grade	IP	67

### CONNECTIVITY



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