

External operator
for swing gates
of up to
2.2 m / 7.2 ft
per gate leaf



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

Amico

A new concept in safety

Amico is the revolutionary solution for residential and apartment block swing gates. It provides the best in terms of active safety measures thanks to the testing it has undergone to bring it up to EU standards on the subject of impact forces.



Amico

Satisfying safety

Amico is a safe, innovative operator, with an extra touch: its force is encoder controlled. Coupled with the ZL90 control panel, it makes it possible to install systems which are duly compliant with European standards as concerns the maximum impact forces generated by gate movement.



The electronics

Besides the normal control and safety functions, Amico's new electronics provide certain peculiarities which allow for total control of the operator and optimisation of its functions, such as:

> **Signal led**

built into the control board to provide easy diagnosis of the systems functions:

> **End-point control**

through the encoder to easily manage movement and slow-down phases.

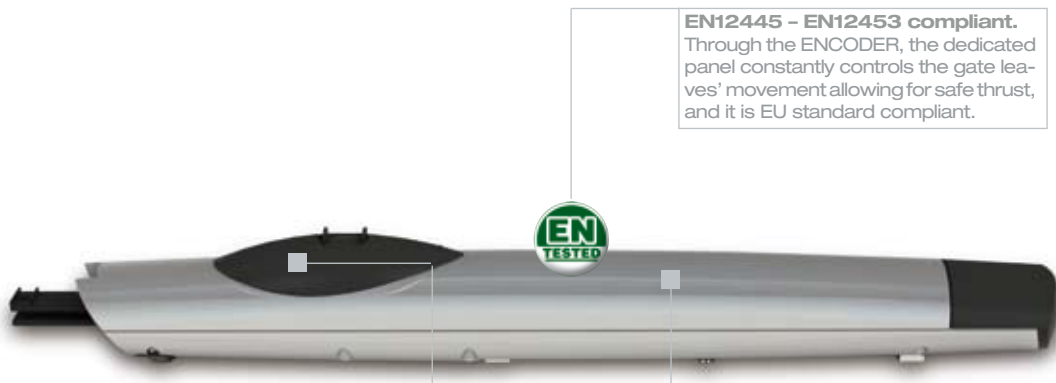
> **Simplified installation**

through one, three-polar cable which handles the power supply and the slow-downs.

The range

- 24V D.C.**
- A1824** Self-locking operator with encoder.
- ZL90** Control panel for two-leaf swing gates with built-in radio decoder.
- LB90** Card for connecting n. 2 12V - 1.2Ah emergency batteries.

- 230V A.C.**
- A18230** Self-locking operator.
- ZA3N** Multifunction control panel.



EN12445 - EN12453 compliant.

Through the ENCODER, the dedicated panel constantly controls the gate leaves' movement allowing for safe thrust, and it is EU standard compliant.

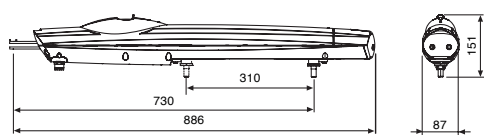
Eye-catching design.

The aluminium supporting structure makes Amico extremely robust. Careful design and attention to detail, besides bestowing its exclusive look, also protect it from environmental agents.

No more blackouts!

Amico's 24V electronics automatically detect any lack of power and activate the emergency mode which works on (accessory) batteries built-into the assembly.

Dimensions



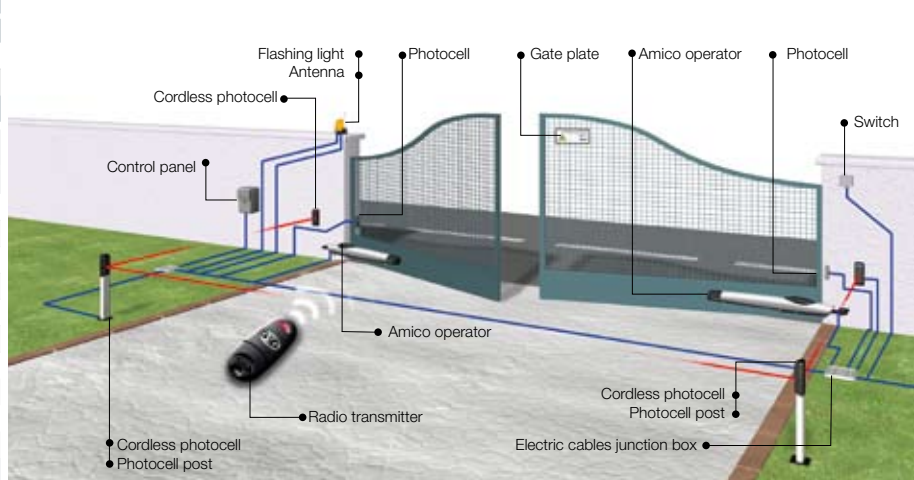
Limits to use

Type	A1824	A18230
Gate leaf width (m/ft)	1/3.5 - 1.5/5 - 1.8/6	1/3.5 - 1.7/5.6 - 2.2/7.2
Gate leaf weight (Kg/lb)	250/550 - 215/475 - 200/440	250/550 - 225/496 - 200/440
	● 230V A.C. ● 24V D.C.	

Technical features

Type	A1824	A18230
Protection rating	IP44	IP44
Power supply (V) (50/60Hz)	230 A.C.	230 A.C.
Motor power supply (V)	24 D.C.	230 A.C.
Current draw (A)	4 Max	1,2
Power (W)	100	80
90° opening time (s)	ADJUSTABLE	19
Duty cycle (%)	INTENSIVE USE	50
Thrust (N)	400 ± 2,000	400 ± 2,000
Operating temperature (°C/°F)	-20 - +55 / -4 - +131	
Motor's thermo-protection (°C/°F)	-	150 / 302
	● 230V A.C. ● 24V D.C.	

Standard installation



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