

Amico

Automatic Swing Gate Operators

Amico is the electromechanical operator for swing gates up to 7.2 ft per leaf. It's new technology provides advanced features that allow for total control of the operator and optimized functionality. In addition, the impact force developed by the gate movement complies with current UL 325 and CSA C22.2 safety standard regulations for both US and Canada.

A new concept in safety

Get ready for a guarantee of the highest reliability and safety standards, coupled with an attractive and exclusive design. Amico is a safe, innovative operator, featuring elegant and harmonious lines. This electromechanical operation provides an extra touch: its force is encoder-controlled. Combined with the ZLJ24U control panel, it makes it possible to install systems that are compliant with UL 325 US and CSA C22.2 Canada standards to control the gate's maximum impact forces.



The Amico offers many innovative features, including:

Safety compliance

A dedicated panel, called the ENCODER, constantly monitors the movement of the gate leaves, promising the utmost in thrust control and safety.

Eye-catching design

The aluminum supporting structure makes Amico extremely robust. Carefully design and attention to detail provides both an exclusive look and protection from environmental damages.

No more blackouts!

Amico's 24V D.C. technology automatically detects any lack of power and activates the emergency battery back-up mode built into the assembly (see accessory chart).



Compliant with UL 325 STD
and CSA STD C22.2 No. 247
for both the US & Canada



Personalized release

The lock cylinder on the release device has a three-sided key that can be personalized on request. Plus, a reserved key cylinder for the user guarantees even higher security.



Simplified run adjustment

Once the mechanical end stops are in place, the opening and closing end stops are adjusted automatically when the first test movements are made. This setting is final and needs no further adjustment.



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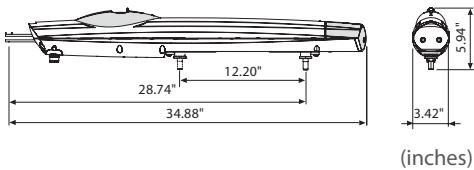
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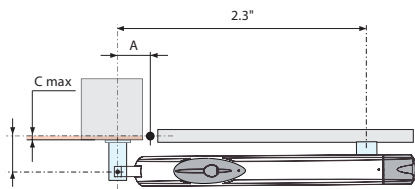
Technical Features

Amico 24V D.C. can be matched to the ZLJ24U control panel with a single three-wire cable is sufficient to connect the gearmotors.

Dimensions



(inches)



(inches)

Leaf opening	A	B	C max
	(in.)	(in.)	(in.)
90°	5.11	5.11	2.36
120°	5.11	4.33	1.96

The Advantages of Amico

Amico has an electromechanical gear motor that is the culmination of all of CAME's design expertise and technology innovation; available in the traditional 24V D.C. version.

- **Signal led**
Built into the control board to provide easy diagnosis of the systems functions.
- **End-point control**
Operated through the encoder to easily manage movement and slow-down phases.
- **Simplified installation**
Installs easily with one, three-polar cable that handles the power supply and the lifts.

The Amico 24V D.C. can be matched to the ZLJ24U control panel, featuring signal LED, self-diagnosis and is compliant with UL 325 US standards concerning the maximum impact forces generated by gate movement.

Technical features

Type	001A1824U
Protection rating	IP44
Power supply (V) (50/60Hz)	120V A.C.
Motor power supply (V)	24V D.C.
Current draw (A)	4 max
Power (HP)	1/4
90° opening time (s)	Adjustable
Duty cycle (%)	Intensive use
Thrust (N)	400 - 2000
Operating temperature (°F)	-4°F up to 131°F

● 24V D.C.

Limits to use

Model	001A1824U		
Max width of gate leaf (ft.)	3	5	6
Max weight of gate leaf (lb.)	550	470	440

● 24V D.C.



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24V D.C. gear motor powered directly from the control panel.



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