



# A1000

**AUTOMATION SYSTEM  
FOR SLIDING DOORS**

**FAAC**  
*Simply automatic.*

# Automation for sliding doors

single leaf, two leaves with continuous use

## ■ Slim and stylish

Its compact dimensions make the FAAC A1000 suitable for virtually any type of architectural environment, even where space is very limited. All the most innovative technical features are contained in just a few centimetres. For maximum versatility of use, the A1000 series can be adapted to sliding doors with single leaves with a maximum weight of 110 kg or with double leaves with a maximum weight of 70 kg per leaf. Installing an A1000 automation, in addition to completely eliminating architectural barriers, also means significant energy savings in terms of climate control of the area to which it gives access.

## ■ Reliable and always sliding

Designed to operate at its best every time and in every environment, the A1000 is automatically reliable and without any limits to the frequency of use. In the event of a power failure, charge-monitored buffer batteries (optional) guarantee 100% operation for thirty minutes.

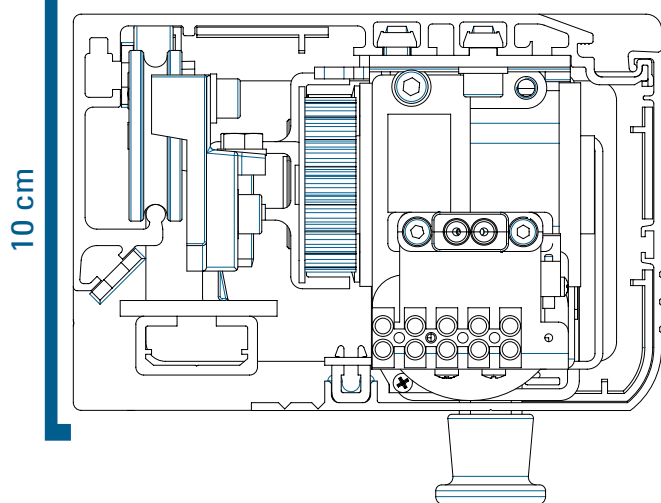
## ■ Excellent real-time logic

Intelligent control: a microprocessor verifies all door activity in real time. The operating logic can be selected by means of a function selection keypad.

## ■ Absolute safety

The FAAC A1000 series automation are designed to automate entrances in compliance with European standard EN 16005 and are able to meet the most stringent safety requirements of EN 13489-1 PI "c". If there is an obstacle, the door re-opens immediately and as it closes, at reduced speed, it checks that the obstacle is no longer present.

thinner than ever



FAAC DEFINES SAFE ZONE AND GREEN TECH AS FOLLOWS:

**SAFE ZONE** The systems that make it easier to produce automation systems that comply with the requirements of the current European Directive on safety (DM 2006/42/EC).

**GREEN TECH:** The patented devices or technological mechanical innovations that enable the energy consumption of the automation systems to be reduced.

**EN16005**

Compliant with European standard EN 16005 Power operated pedestrian doorsets - Safety in use.



Identifies the electronic board compatible with external modules (future production) that allow the automation to be managed remotely.



### SDK EVO PROGRAMMING AND FUNCTIONS KEYPAD

Supplied as an accessory, it comes with a large graphics display that allows full access to all the door parameters via the four buttons that allow the user to navigate through the menus.

## MAIN FUNCTIONS

MODEL	SDK EVO
Operating functions	Manual - Night - Automatic One-directional - Partial One-directional Partial opening - Open - Reset and setup
Operating functions selection	Via buttons with indication of the selected function on the display. Option of locking the keypad via a jumper or a combination of keys.
Main programming functions	User and installer password entry - Opening and closing speed adjustment- Opening and closing force adjustment - Anti-crushing adjustment - Pause time adjustment - Energy Saving Enable - Diagnostics display management - Weekly calendar management - Battery kit and motor block management - I/O programming - Maintenance cycles notification - Display of number of cycles performed
Programming	Full with PROGRAMMER password and basic with USER code.



### LK EVO FUNCTIONS SELECTOR

Supplied as an accessory, it allows the main functions of the automation to be accessed and indicates if they are enabled by means of LEDs.

## MAIN FUNCTIONS

MODEL	LK EVO
Operating functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating functions selection	Via buttons with LED indication of the selected function
Selectable functions	Setup, Reset, Keyboard inhibit (also via jumper)
Diagnostics	Via combinations of flashing LEDs



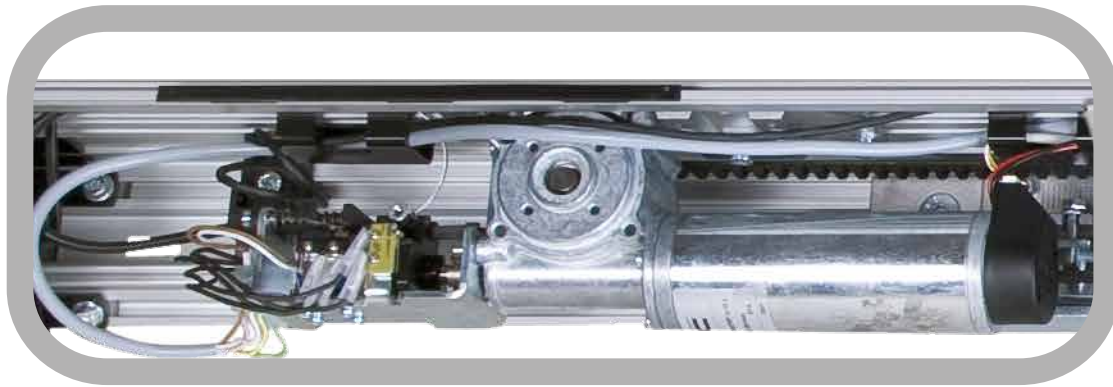
### KEY OPERATED KS EVO FUNCTIONS SELECTOR

Supplied as an accessory, it allows the main functions of the automation to be accessed and modified using the key provided. Supplied with 2 keys.

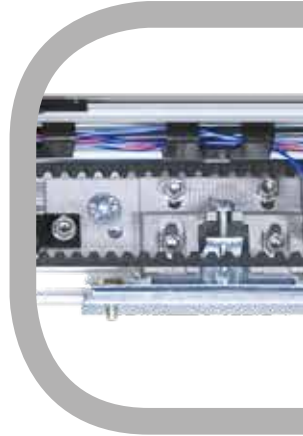
## MAIN FUNCTIONS

MODEL	KS EVO
Operating functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating functions selection	Via key with selected function indicator LED
Diagnostics	Via combinations of flashing LEDs

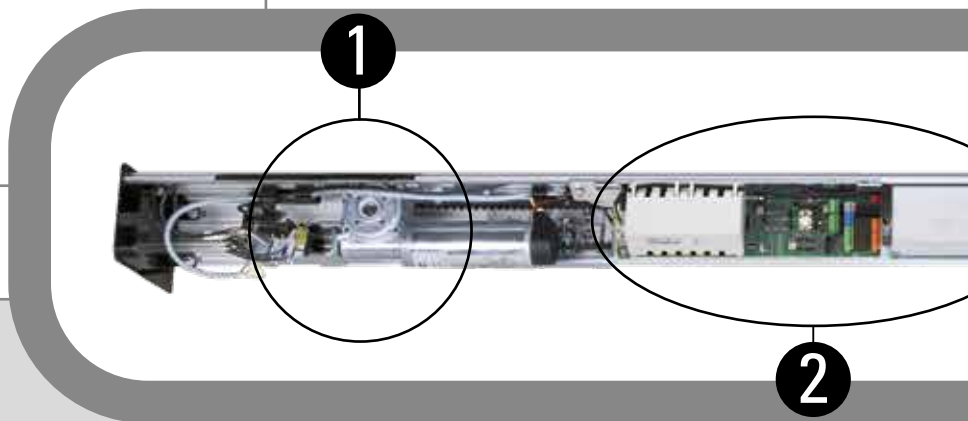
## 1 Motor with electric lock



## 3 Drive carriages



- 1 Motor with electric lock
- 2 Control unit with a low energy consumption switching power supply (standby <math><3W</math>)
- 3 Drive carriages
- 4 Manual release with knob
- 5 Front casing anti-fall device
- 6 Slots for fast mechanical assembly



## Accessories



- Monitored infrared sensor EN16005
- Microwave radar
- Elbow switches and key operated switches with emergency release devices
- Clamping profiles for glass leaves
- Electromechanical motor block with manual release
- Motor block monitoring
- Emergency batteries. Guarantees 30 minutes of operation in continuous service**
- Anti-panic breakout kit (EN16005)**
- Compatible with FAAC TK20, TK35 and TK50 series profiles.**

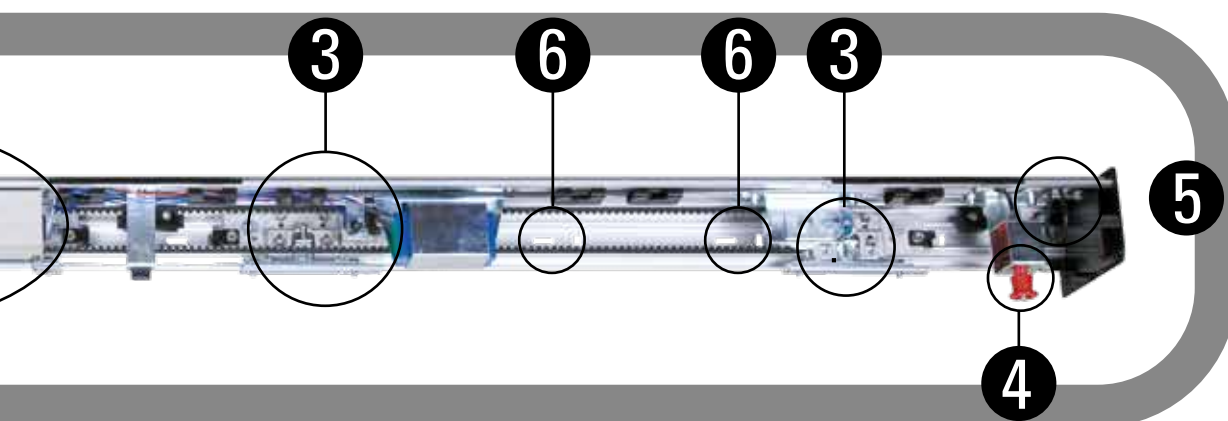
## 2 Control unit E1SL



## Technical characteristics

## A1000

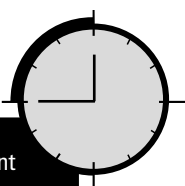
Power supply	120/240V~ – 50 (60) Hz
Max power	140 W
Stand-by power without accessories	3 W
Frequency of use	100%
Max leaf thickness	60 mm
Electric motor	36V motor  with encoder
Max. accessories load	1A - 24 
Drive type	Toothed belt
Opening speed adjustment	10 - 60 cm/s (1 leaf), 10 - 140 cm/s (2 leaves)
Closing speed adjustment	10 - 60 cm/s (1 leaf), 10 - 140 cm/s (2 leaves)
Partial opening adjustment	5% - 100% of total opening
Pause time	0 - 30 s
Night pause time	0 - 240 s
Encoder	Standard
Safety sensor monitoring (EN 16005)	Standard (may be bypassed)
Low Energy Movement (EN 16005)	Standard (may be bypassed)
Operating temperature	-20°C to +55°C
Protection rating	IP 23 (for indoor use only)
Compliance with standards	EN 16005; EN 13489-1 PI "c"; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3



### 4 Manual release with knob



Thanks to the calendar management it is programmable by time slots



## Use

Model	Leaf	Passage opening (mm)	Max leaf weight (kg)
A1000 1	single	700-3000	110
A1000 2	double	800-3000	70+70

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