**MAIN FUNCTIONS**

**MINI KS EVO**
- Operating functions: Manual, Night, Automatic
- Moving force
- Adjustment
- Energy Saving
- User and installer password entry
- Opening and closing speed adjustment
- Enable
- Diagnostics display management
- Weekly calendar management
- Maintenance cycles notification
- Display of number of cycles performed

**VIA COMB. FLASHING LEDS**
- Operating functions selection via key with selected function indicator LED

**MODEL KS EVO**
- Main programming
- Diagnostic via combinations of flashing LEDs

**MODEL LK EVO**
- Operating functions selection via buttons with LED indication of the selected function

**MODEL SDK EVO**
- User and installer password entry
- Opening and closing speed adjustment
- Enable
- Diagnostics display management
- Weekly calendar management
- Maintenance cycles notification
- Display of number of cycles performed

**LEKO EVO FUNCTIONS SELECTOR**
- Selectable functions: Setup, Reset, Keyboard inhibit (also via jumper)

**MAIN FUNCTIONS**

**MINI KS EVO**
- Operating functions: Manual, Night, Automatic
- Moving force
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- Energy Saving
- User and installer password entry
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- Operating functions selection via key with selected function indicator LED

**MODEL KS EVO**
- Main programming
- Diagnostic via combinations of flashing LEDs

**MODEL LK EVO**
- Operating functions selection via buttons with LED indication of the selected function

**MODEL SDK EVO**
- User and installer password entry
- Opening and closing speed adjustment
- Enable
- Diagnostics display management
- Weekly calendar management
- Maintenance cycles notification
- Display of number of cycles performed

**KEY OPERATED KS EVO FUNCTIONS SELECTOR**
- Selectable functions: Setup, Reset, Keyboard inhibit (also via jumper)

**MAIN FUNCTIONS**

**MINI KS EVO**
- Operating functions: Manual, Night, Automatic
- Moving force
- Adjustment
- Energy Saving
- User and installer password entry
- Opening and closing speed adjustment
- Enable
- Diagnostics display management
- Weekly calendar management
- Maintenance cycles notification
- Display of number of cycles performed

**VIA COMB. FLASHING LEDS**
- Operating functions selection via key with selected function indicator LED

**MODEL KS EVO**
- Main programming
- Diagnostic via combinations of flashing LEDs

**MODEL LK EVO**
- Operating functions selection via buttons with LED indication of the selected function

**MODEL SDK EVO**
- User and installer password entry
- Opening and closing speed adjustment
- Enable
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- Weekly calendar management
- Maintenance cycles notification
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**LEKO EVO FUNCTIONS SELECTOR**
- Selectable functions: Setup, Reset, Keyboard inhibit (also via jumper)

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- Selectable functions: Setup, Reset, Keyboard inhibit (also via jumper)

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- Operating functions selection via key with selected function indicator LED

**MODEL KS EVO**
- Main programming
- Diagnostic via combinations of flashing LEDs

**MODEL LK EVO**
- Operating functions selection via buttons with LED indication of the selected function

**MODEL SDK EVO**
- User and installer password entry
- Opening and closing speed adjustment
- Enable
- Diagnostics display management
- Weekly calendar management
- Maintenance cycles notification
- Display of number of cycles performed

**LEKO EVO FUNCTIONS SELECTOR**
- Selectable functions: Setup, Reset, Keyboard inhibit (also via jumper)
Automation for sliding doors

Thanks to the calendar management it is programmable by time slots

Technical characteristics

- **Power supply**: 120/240V~ – 50 (60) Hz
- **Max power**: 140 W
- **Stand-by power without accessories**: 3 W
- **Max leaf thickness**: 60 mm
- **Frequency of use**: 100%
- **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 Pl “c” ; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3

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.

Use

<table>
<thead>
<tr>
<th>Model</th>
<th>Leaf</th>
<th>Passage opening (mm)</th>
<th>Max leaf weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1000 1</td>
<td>single</td>
<td>780-3000</td>
<td>110</td>
</tr>
<tr>
<td>A1000 2</td>
<td>double</td>
<td>880-3000</td>
<td>70-90</td>
</tr>
</tbody>
</table>

Motor with electric lock

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

Control unit E1SL

1. Motor with electric lock
2. Control unit with a low-energy consumption switching power supply (interlock - ON)
3. Drive carriages
4. Manual release with knob

Drive carriages

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

Manual release with knob

1. Motor with electric lock
2. Control unit E1SL
3. Drive carriages
4. Manual release with knob
5. Front casing anti-fall device
6. Slots for fast mechanical assembly

Electromechanical motor block with manual release

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

Monitor infrared sensor EN1005

1. Motor with electric lock
2. Control unit E1SL
3. Drive carriages
4. Manual release with knob
5. Front casing anti-fall device
6. Slots for fast mechanical assembly

Technical characteristics

<table>
<thead>
<tr>
<th>A1000</th>
<th></th>
<th>1000</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>140</td>
<td>240</td>
<td>50 (60) Hz</td>
<td></td>
</tr>
<tr>
<td>36V</td>
<td>1A - 24</td>
<td>36V</td>
<td></td>
</tr>
<tr>
<td>10 - 60</td>
<td>10 - 140</td>
<td>36V</td>
<td></td>
</tr>
<tr>
<td>0 - 30</td>
<td>0 - 240</td>
<td>36V</td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>Standard/bypassed</td>
<td>36V</td>
<td></td>
</tr>
</tbody>
</table>

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.
## MAIN FUNCTIONS

### MAIN FUNCTIONS

#### MAIN FUNCTIONS

**MODEL KS EVO**

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

**MODEL SDK EVO**

- **Programming** Full with PROGRAMMER password and basic with USER code.
  - **Main programming**
    - Manual - Night - Automatic
    - One-directional - Partial
- **Diagnostics** Via combinations of flashing LEDs
- **Selectable functions** Setup, Reset, Keyboard inhibit (also via jumper)
- **Operating functions selection** Via buttons with LED indication of the selected function
- **Operating functions** Manual, Automatic, Night, Open, One-directional, Partial opening

**LEK EVO FUNCTIONS SELECTOR**

- **Supplied as an accessory, it allows full access to all the door parameters via the four buttons**
- **Supplied with 2 keys.**
- **Automation to be accessed and indicates if they are enabled**
- **Enabled - Diagnostics display management - Weekly calendar management - Maintenance cycles notification - Display of number of cycles performed**
- **Option of locking the keypad via a jumper or a combination of keys.**
- **Via buttons with indication of the selected function on the display.**
- **Battery kit and motor block management - I/O programming - by means of LEDs.**
- **Automation to be accessed and modified using the key provided.**
- **Supplied as an accessory, it allows the main functions of the LK EVO FUNCTIONS SELECTOR to be accessed and modified using the key provided.**

**SUMMARY**

**FOR SLIDING DOORS**

**AUTOMATION SYSTEM**

**A1000**
Thanks to the calendar management it is programmable by time slots. Use

Technical characteristics

- 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
- 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 Pl “c” ; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3

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
- Anti-panic breakout kit (EN16005)
- Compatible with FAAC TK20, TK35 and TK50 series profiles.

Automation for sliding doors

1. Motor with electric lock
2. Drive carriages
3. Control unit E1SL
4. Manual release with knob
5. Drive carriages
6. Motor with electric lock

Use

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

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 advances that enable the energy consumption of the automation systems to be reduced.

	Motor with electric lock

Thinner than ever

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 components. For maximum versatility of use, the A1000 series can be adapted to sliding doors with single boxes 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 has 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 automatics are designed to automate entrances in compliance with European standard EN 1823 and are able to meet the most stringent safety requirements of EN 1823-1 PI “c”. If there is an obstacle, the door is stopped immediately and as it closes, or reduced speed, it checks that the obstacle is no longer present.

Motor with electric lock

Drive carriages

Manual release with knob

Front safety anti-full device

Slots for fast mechanical assembly

Use

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

EN10005

Power operated pedestrian doors - Safety in use.

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

Identifies the electronic board compatible with manual modules future produced that allow the automation to be managed manually.

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 advances that enable the energy consumption of the automation systems to be reduced.

EN10005

Power operated pedestrian doors - Safety in use.
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 centimeters. 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 Pl “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.

- Motor with electric lock

- Drive carriages

- 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)

Technical characteristics

- Power supply
  120/240V~ – 50 (60) Hz
- Max power
  140 W
- Max leaf thickness
  60 mm
- Electric motor
  36V motor with encoder
- Drive type
  Opening speed adjustment
  Closing speed adjustment
- Door opening time
  5 - 140 cm/s
- Door closing time
  5 - 140 cm/s
- Encoder
- Safety sensor monitoring (EN 16005)
- Low Energy Movement (EN 16005)
- Operating temperature
- Protection rating
- Compliance with standards

- Model
  - A1000 1
  - A1000 2
- Leaf
  - single
  - double
- Passive opening (mm)
  - TBD-2300
  - TBD-2300
- Max leaf weight (kg)
  - TBD
  - TBD

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 under the energy consumption of the automation systems to be reduced.

EN16005
Compliant with European standard EN 16005 Power operated pedestrian doorsets - Safety in use.

Identifiers the electronic board compatible with external modules future produced that allow the automation to be managed remotely.

Identify the electronic board compatible with external modules future produced that allow the automation to be managed remotely.

EN10005
Motor with electric lock
Control unit with low-energy consumption switching power supply (interference -J01-)
Drive carriages
Manual release with knob
Front cover anti full device
Slots for fast mechanical assembly

1  Motor with electric lock
2  Control unit with a low-energy consumption switching power supply
3  Drive carriages
4  Manual release with knob
5  Front cover anti-full device
6  Slots for fast mechanical assembly

User

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<td>TBD-2300</td>
<td>TBD</td>
</tr>
<tr>
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<td>double</td>
<td>TBD-2300</td>
<td>TBD</td>
</tr>
</tbody>
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Use

7  Motor with electric lock
8  Control unit E1SL
9  Drive carriages
10  Manual release with knob
11  Slot for fast mechanical assembly
12  Encoder
13  Safety sensor monitoring (EN 16005)
14  Low Energy Movement (EN 16005)
**MAIN FUNCTIONS**

**MODEL KS EVO**

- Diagnostics via combinations of flashing LEDs
- Operating functions selection via key with selected function indicator LED

**MODEL LK EVO**

- Operating functions: Manual, Automatic, Night, Open, One-directional, Partial opening

**MODEL SDK EVO**

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

**LEK EVO FUNCTIONS SELECTOR**

Supplied as an accessory; it allows the user to navigate through the menus that allow full access to all the door parameters via the four buttons supplied as an accessory, it comes with a large graphics display that allows the main functions of the LK EVO to be accessed and modified using the key provided.

**SDK EVO PROGRAMMING AND FUNCTIONS KEYPAD**

Supplied with 2 keys. Automation to be accessed and indicates if they are enabled.

**Programming**

- Full with PROGRAMMER password and basic with USER code.

**Functions**

- Manual - Night - Automatic - One-directional - Partial opening - Open - Reset and setup
- Closing force adjustment - Anti-crushing adjustment - Pause time adjustment - Energy saving
- User and installer password entry - Opening and closing speed adjustment - Enable - Diagnostics display management - Weekly calendar management - Maintenance cycles notification - Display of number of cycles performed
- Battery kit and motor block management - I/O programming - Full via PROGRAMMER password at access with USER code.