



A951

**AUTOMATION FOR
INTERNAL DOORS**

FAAC
Simply automatic.

Automate your daily entrances

■ Open and close in absolute comfort

The A951 automated system controls door opening and closing with silent and smooth operation. It allows users to easily open doors via a button, sensor or a remote control. Thanks to the PUSH&GO function, just a touch completely opens the door.

■ Versatile and elegant in only 7cm space

Faac A951 automated systems can be installed both on the lintel and directly on the structure of the door, giving flexibility to make installation easy (thanks to the fixing plate and low weight).

The housing cover is in anodized extruded aluminium that complements its aesthetics.

The A951 automated systems are also able to automate double-leaf entrances by interfacing the 2 units in a master/slave configuration. The double leaf will be driven by a single automated system for the highest synchronism of the leaves guaranteed through CAN BUS communication.

■ Safe and intelligent

The A951 features a microprocessor controlling all the door activities in real time, with an encoder detecting its angular position in every moment. Additionally the operating logic (automatic, manual, night, open) can be selected by means of a lateral selector.

Manufactured in compliance with the new European safety standards EN16005, the A951 automated system can operate in low energy or manage EN16005 radar monitoring such as the new laser sensor XPB SCAN.

■ Silent and low-energy consumption

Thanks to the accurate selection of mechanical and electronic components, the A951 automated system can silently drive leaves weighing 100 kg and 1100 mm wide on continuous duty ensuring the absolute operating safety at any time offering significant energy savings both during stand-by and when operating.



EN16005



Sliding arm



Articulated arm



Extension shaft
35+35 mm (accessory)

TECHNICAL SPECIFICATIONS

MODEL	A951
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	100 W
Use frequency	100%
Motor	Motor powered at 24V $\overline{=}$
Max. accessories load	1A - 24V $\overline{=}$
Electric lock power supply voltage	(N.O./N.C.) 24V $\overline{=}$ / 500mA max
Dimensions (LxHxD)	575x60x70 mm
Weight	7 Kg
Operation in case of power cut	Manual push/pull opening
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 ÷ 10 s (adjustable)
Closing leaf time	4 ÷ 10 s (adjustable)
Partial opening adjustment	Standard (adjustable)
Pause time	0 ÷ 30 s
Night pause time	0 ÷ 90 s
Encoder	As standard
Protection sensor monitoring (EN16005)	As standard (may be excluded)
Low energy movement (EN16005)	As standard (may be excluded)
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 23 (for internal use only)
Compliance with regulations	EN16005; EN61000-6-2; EN61000-6-3 ; EN13849
Max. torque	25Nm



Programming display with 3 keys and USB



Emergency Battery



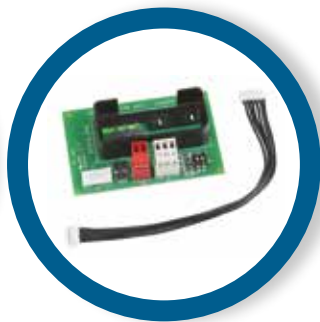
KP EVO Keypad



LK EVO Keypad



Key function selector KS EVO



Communication board



Opening through FAAC remote controls



Opening and active protection

A951 CONTROL UNIT

- Built-in microprocessor control unit with selfdiagnosis and continuous monitoring of all door functions
- Anti-crushing safety device active both in closing and in opening
- Integrated functions selector with the following operating logics: AUTOMATIC - MANUAL/NIGHT - OPEN
- "INTRUSION" Function, the door opposes the manual opening attempt
- Selectable 'PUSH and GO' function
- KP EVO and LK EVO functions keyboard support
- Firmware upgrade and download/upload (configurations, timer and log) through USB key

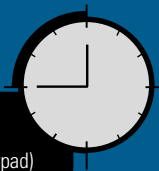
Using the KP EVO or LK EVO keypad the following functions are available:

- Opening and closing speed adjustments;
- Adjustment of opening and closing speed
- Anti-crushing safety device adjustment
- Pause time adjustment
- Self-diagnosis
- Weekly calendar
- Battery kit and lock management
- I/O programming
- Maintenance cycle warning
- Performed cycle number displaying
- MASTER-SLAVE version for double leaves doors
- INTERLOCK function
- INTERCOM function

Drive unit complete with:

- FAAC electromechanical automated system for swing doors working on direct current
- The housing cover is in anodized aluminium
- Articulated and sliding block arms with anodized extruded aluminium housing cover
- Over the transom installation with inwards and outwards opening
- Manual operation in case of an electrical power cut
- Optional battery

Thanks to the calendar management, it can be programmed in time bands. (available with KP EVO keypad)



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