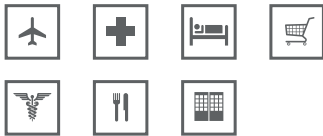


A952

Automated systems for swing doors



Leaf length

from 700 to 1600

Max. leaf weight

450 Kg

- The A952 automation, compliant with EN16005, is able to move doors up to a weight of 450 Kg, in continuous use and in absolute silence. It can be installed on escape routes in compliance with EN16005 and is able to meet all the safety requirements of EN13489-1 PI.D
- Variable ratio rack and pinion to provide constant spring compression (FAAC PATENT)
- Variable ratio parallel shaft gears for effective and smooth movement (FAAC PATENT)
- Compact dimensions ideal for fire and smoke vent doors
- The housing cover is made of silver anodized aluminum.
- Environmental Product Declaration EPD (certification describing the environmental performance linked to the product's Life Cycle, in accordance with International Standard ISO 14025)



TECHNICAL SPECIFICATIONS

Model	A952
Power supply voltage	100-240 V ~ - 50/60 Hz
Max. power	190 W
standby power	7,3 W
Use frequency	100%
Electric motor	Motor powered at 36 V ---
Max. accessories load including electrick lock	1,2A - 24V ---
Dimensions (LxDxH)	715x150x74 mm
Weight	12 Kg
Operation in case of power cut	Manual push/pull opening - Spring closing
Max. leaf opening angle	100° ÷ 125°
Opening leaf time	4 - 10 s (adjustable)
Closing leaf time	4 - 10 s (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 ÷ +45°C
Protection class	IP 30
Compliance with regulations	EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1 PI. D; EN13849-2; DIN18650-1, DIN18650-2

FAMILY MODELS

Model	Description	Passage opening (mm)	Max. leaf weight with articulated arm (kg)	Max. leaf weight with sliding arm (kg)	Item code
A952	With electronic control unit function selector and anodised aluminium cover	700 ÷ 1600	450Kg - 750mm	450Kg - 700mm	105952
Arms	Articulated push arm				390189
	Standard sliding block arm				390187
	Short sliding block arm				390188

THE COMPLETE A952 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
- PRIMARY-SECONDARY version for double leaves doors;
- INTERLOCK function
- INTERCOM Function
- Firmware update and download/upload of some information (configurations, timers) via USB stick
- Designed to connect to

- SIMPLY CONNECT control units
 - KP EVO, LK EVO and KS EVO functions keyboard support
 - The use of KP EVO keyboard features the following functions:
 - Entry of access password for user and installer;
 - opening and closing speed adjustments;
 - Adjustment of opening and closing speed
 - Anti-crushing safety device adjustment
 - pause time adjustment;
 - Self-diagnosis;
 - weekly calendar management;
 - lock management;
 - I/O programming;
 - Maintenance cycle warning;
 - Performed cycle number displaying;
- POWER ASSIST function that reduces resistance when opening the door to facilitate manual operation.
- SOFT DRAW function that slows down the sash in the last part of the spring-loaded movement in order to have a light approach on the stop.a.
- In the event of a power failure, the spring can open or close according to the type of installation
- Silver anodized aluminum housing cover
- Articulated or shoe type actuator arms in anodised aluminium (to be ordered separately)
- Arms coated with high corrosion resistance Geomet 321 (RoHS compliant)
- Installation either on the architrave or on the door with outwards or inwards opening

DRIVE UNIT
COMPLETE WITH:

- Electromechanical automation for swing doors with DC motor and spring
- Possibilità di installazione su via di fuga, porte tagliafuoco e porte controllo fumo