

Automated systems for swing doors



Leaf length

from 700 to 1400

Max. leaf weight

from 286 to 367 Kg



- 950N2 automation, compliant with EN16005, allows to move doors weighing more than 360 Kg silently and in continuous use.
- The carter can be in anodized aluminium or ABS shaped with innovative design.



EN16005



TECHNICAL SPECIFICATIONS

Model	950N2
Power supply voltage	220-240 V~ - 50/60 Hz
Max. power	100 W
Standby power without accessories	5 W
Use frequency	100%
Motor	Motor powered at 24V
Max. accessories load	1A - 24V
Electric lock power supply voltage	(N.O./N.C.) 24 V / 500 mA max.
Dimensions (LxDxH)	530x160x105 mm
Weight	10 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)
Partial opening adjustment	10% - 90% of total opening
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	EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1; EN13849-2

FAMILY MODELS

Model	Description	Passage opening (mm)	Max. leaf weight with articulated arm (kg)	Max. leaf weight with sliding arm (kg)	Item code
950N2	With electronic control unit, function selector and plastic cover	700 ÷ 1400	367 Kg - 700mm 92 Kg - 1400 mm	286 Kg - 700mm 71 Kg - 1400 mm	1054142
	With electronic control unit function selector and anodised aluminium cover				1054152
	With electronic control unit, function selector and without cover casing				2050042
Arms	Articulated push arm				390039
	Standard sliding block arm				390040
	Short sliding block arm				390041

THE COMPLETE 950N2 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNIT

- 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
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "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
 - 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;

DRIVE UNIT

COMPLETE WITH:

- FAAC electro-mechanical automated system for swing doors with direct current motor and return spring
- Protective cover in anodised aluminium-colour painted plastic material
- Activation arms in extruded aluminium (to be ordered separately.)
- Installation either on the architrave or on the door with outwards or inwards opening
- Manual operation in the event of power failure and spring closing