

STANDARD FUNCTIONS

- Operating logics: AUTOMATIC - OPEN - MANUAL/NIGHT
- Self-learning of open and closed positions and measurement of the door weight
- Anti-crushing safety device active during opening and closing
- **"PUSH and GO"** function, can be selected (commands opening by a simple push on the door)
- **"ANTI-WIND"** function, can be selected (guarantees the resistance of the door during closure even with strong wind)
- **Closing thrust to guarantee door closure even with strong wind**
- **AVS (Anti Vandal System) function: this device protects the motor if leaf movement is forced**
- Manual operation in case of an electrical power cut
- Adjustment trimmer for: opening speed, closing speed, pause time
- Facility for: microwave radar, passive and active infrared sensor, command push-buttons, photocells, electric locks, bolt, KP Controller programming unit, FAAC radio controls.

If you use the KP Controller or SDK Light function keypad, you obtain the following functions:

- Operating logics:
AUTOMATIC - MANUAL - OPEN - ONE WAY - NIGHT - PARTIAL OPENING
- DIAGNOSIS WITH A WIDE RANGE OF SIGNALS
- If you use the KP Controller keypad, coupled to the programming display, you obtain the following functions:
- Adjustment of opening and closing speed
- Pause time adjustment
- Opening width adjustment
- Interlock function
- Master-Slave function for double-leaf door
- Facility for acoustic or light transit signallers
- Self-diagnosis.



Programming display



KP Controller function keypad



SDK Light function keypad



Function selector



Arm with sliding block



Articulated arm to push



Housing in anodized aluminium

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950N

Automated system for swing doors

Automated systems for leaf doors

Open and close in absolute silence

The 950N automated system with integrated spring commands door opening and closing in near silent operation.

Versatile and elegant

The Faac 950N automated systems (with spring closing system) can be installed both on the lintel and directly on the structure of the door. They guarantee perfect compatibility and interchangeability with previous 950BM/BSM models. The housing covering the automated system can be supplied in anodized extruded aluminium or in shaped ABS in an innovative design making it possible to fit a (passive infrared) detection sensor inside it.

The 950N automated systems are also able to automate double-leaf entrances by interfacing the 2 units in a master/slave configuration and the double leaf will be moved by a single automated system.

Safe and intelligent

The automated system features two control boards: 950MPS (control board) and 950 I/O (input / output). A microprocessor controls all the activities of the door in real time and an encoder detects its angular position. Moreover, the operating logic (automatic, manual, night, open) can be selected by means of an integrated selector.

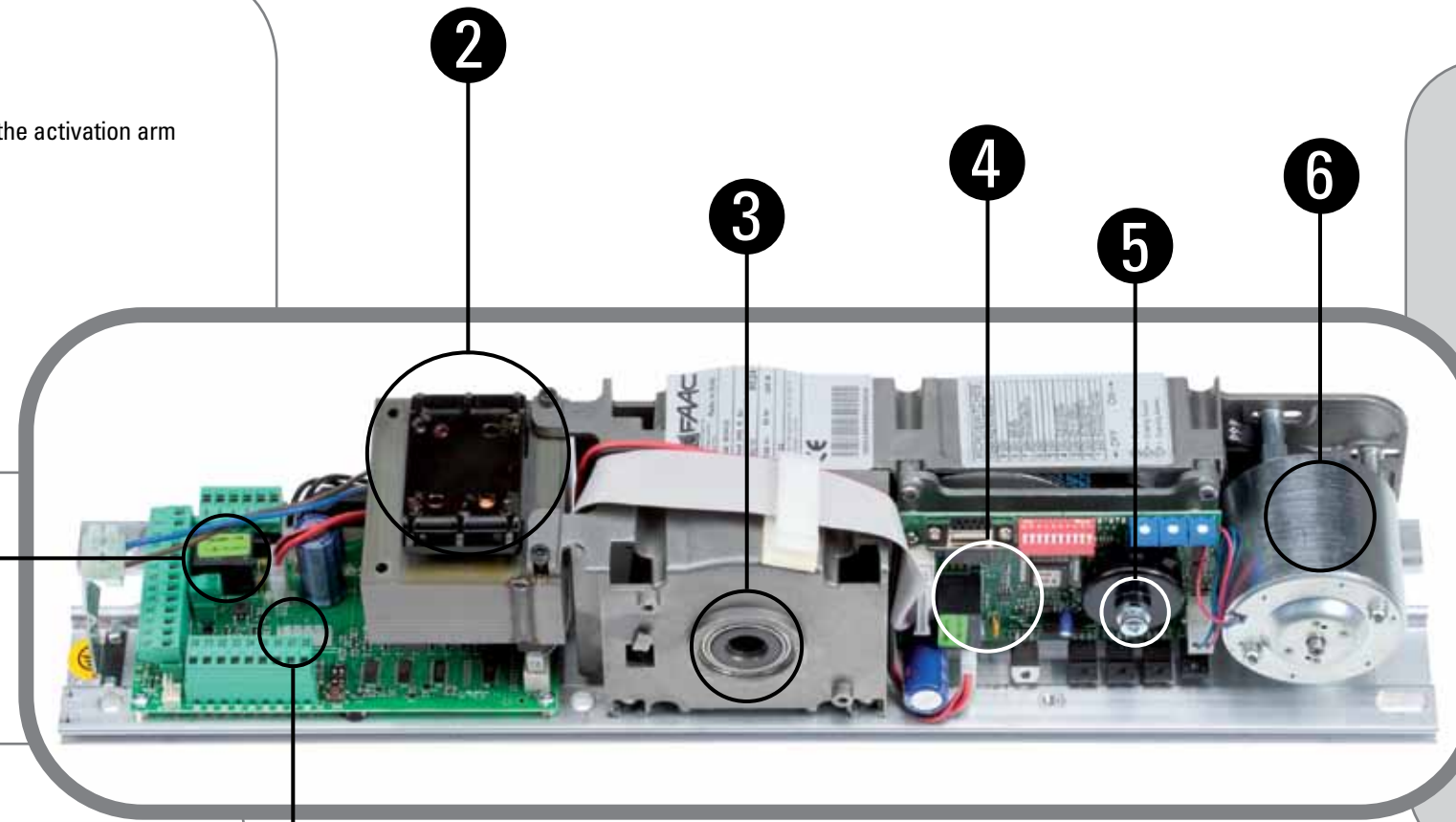
Built in conformity with the new European safety standards, speed and force are programmed according to the size of the door. If an obstacle is detected, the door re-opens immediately and, as it closes, it verifies, at slow speed, the removal of the obstacle.

Powerful and reliable

Thanks to the accurate selection of the mechanical and electronic components, depending on leaf length and arm used our 950N automated system is able to move leaves weighing over 300 kg on continuous duty, while always maintaining absolute operational safety.



- 1 Control unit 950 I/O
- 2 Lamellar transformer
- 3 Return spring with coupling for the activation arm
- 4 Control unit 950MPS
- 5 Encoder
- 6 DC motor
- 7 Radio receiver coupling



Automatic adjustments

Determination of position: "open" and "closed"
Measurement of the weight and friction of the leaves. Selection of optimal speed, acceleration and deceleration Photocell test



Selectable ANTI-WIND function (ensures the resistance of the door during closure even with strong wind).



New articulated arm with telescopic adjustment in anodized aluminium



New arm with sliding block in anodized aluminium



Technical specifications

950N

Power supply	230 Vac (+6% -10%) 50 (60) Hz
Absorbed power	100 W
Use frequency	continuous
Drive unit	24 Vdc motor with encoder
Activation	electromechanical with/without return spring
Anti-crushing device	standard supply
Dimensions	530 x 100 x 104 mm (LxHxD)
Weight	10 kg
Protection class	IP 23
Opening angle	70° ÷ 95°
Opening speed	adjustable from 30% to 100%
Closing speed	adjustable from 30% to 100%
Pause time	adjustable from 1 to 30 sec.
Standard operating functions	automatic-manual-open
Activation arms in stainless steel	Articulated to push With short sliding block With standard sliding block
Covering housing	in abs or aluminium

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

Use

Model	Leaf length (mm)	Leaf max. weight (kg) Articulated arm to push	Leaf max. weight (kg) Arm with short sliding block	Leaf max. weight (kg) Arm with standard sliding block
950N	700	367	286	-
	750	320	249	-
	800	281	219	-
	850	249	-	194
	900	222	-	173
	950	199	-	155
	1000	180	-	140
	1050	163	-	127
	1100	149	-	116
	1150	136	-	106
	1200	125	-	97
	1250	115	-	90
	1300	107	-	83
	1350	99	-	77
1400	92	-	71	