

PROGRAMMING DISPLAY

Main functions

Entering of access password	Opening speed adjustment
Closing speed adjustment	Anti break-in function management
Pause times adjustment	Anti-crushing adjustment
Diagnostic display	Weekly calendar management

Management of interlock with or without memory
 Selection of battery operation logics
 Configuration of 3 outputs on the control unit
 Configuration of 2 emergency inputs on the control unit
 Display of number of cycles carried out
 Management of 5 daily time slots



Programming display

SD KEEPER FUNCTIONS KEYBOARD

Main functions

Manual	Open
Automatic	Partial opening
One way	Night
Reset	One way, partial

Throubleshooting through a combination of flashing LEDs
 Operation can be disabled by a jumper or a combination of keys
 Preset for programming display



SD Keeper functions keyboard

SDK LIGHT

Main functions

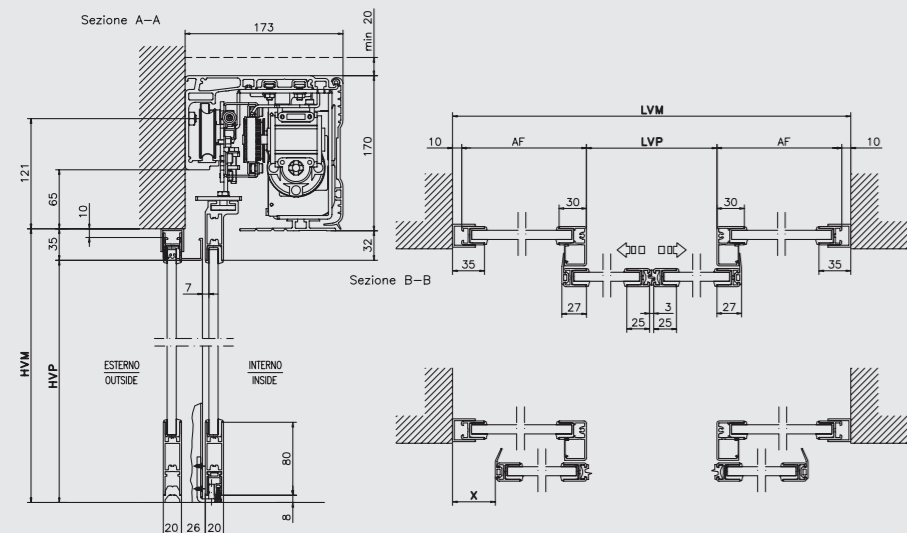
Manual	Open
Automatic	Partial opening
One way	Night
Reset	One way, partial

Throubleshooting through a combination of flashing LEDs
 Operation can be disabled by a combination of keys
 Not preset for programming display



SDK Light functions keyboard

SMALL SECTION PROFILES TK 20



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930N SF
 Automations for sliding doors

Automations for sliding doors

single leaf, two leaves continuous duty

Architectural design

Thanks to their sober elegance and compact dimensions, FAAC 930N SF automations can be adapted to every type of architectural environment, even in limited space conditions. For the utmost versatility of use, the NSF Series can be adapted to sliding doors with single leaves and a maximum weight of 120 kg or with double leaves and a maximum weight of 80 kg each leaf. A 930N SF automation also guarantees considerable energy savings as regards air-conditioning and the total removal of architectural barriers.

Reliable and always sliding

Designed to operate at best on each occasion and in every environment, 930N SF automations are automatically reliable, without limits on the frequency of use. Motor, control unit, supply unit, transmission and optional components like batteries and lock are assembled in a compact module, which can be easily installed on the support head profile.

Excellent logics in real time

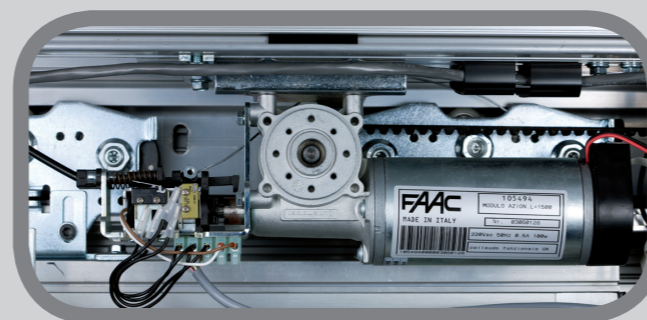
A microprocessor verifies in real time all door activities and guarantees an intelligent control. The operation logics can be selected by means of a functions keypad standard supplied with the automated system.

Absolute safety

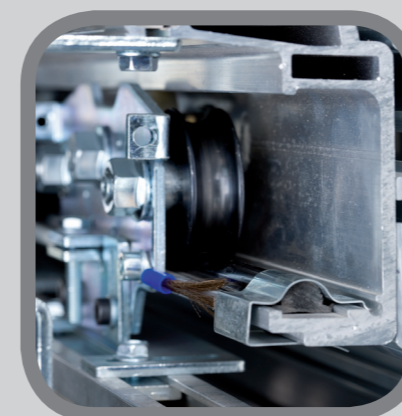
The 930N SF Series automatically programs opening and closing force and speed according to the friction and the door weight in conformity with the relevant international safety standards. In case of an obstacle the door reopens immediately. On the next closing it verifies at slow speed if the obstacle is still present.



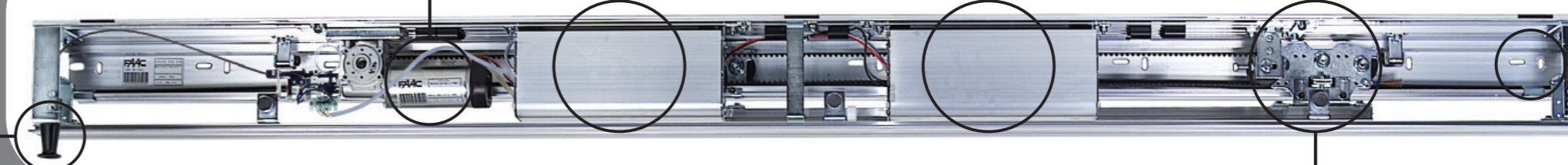
1 Motor with electrical lock



3 Trolleys with steel wheels and teflon rail



- 1 Motor with electrical lock
- 2 Microprocessor control unit
- 3 Trolleys with steel wheels and teflon rail
- 4 Toroidal transformer and emergency batteries
- 5 Drive trolley
- 6 Knob for manual release
- 7 Eyelets for a fast mechanical installation



Accessories

- Self-supporting head profile 930N SFA1 and 930N SFA2
- Electro-mechanical lock with internal release
- Miniswitch GLS photocell
- Infra-red passive sensor
- Microwave radar
- Wall-mounted and flush-mounted keyswitches T20/T21 with emergency release devices
- Profiles for glass leaf fitting
- Lock monitor with activation of indicator-lights or buzzers in the event of a lock malfunction
- Break-out anti-panic kit
- The emergency batteries with charge control board guarantee the automated system to operate for 30 minutes on continuous use
- Compatible with the new series of FAAC TK20 and TK50 profiles

2 Microprocessor control unit



Technical specifications

930N SF

Electric power supply	230 V ac (+6%-10%) 50 (60) Hz
Power consumption	100 W
Frequency of use	100%
Drive unit	24 V dc motor with encoder
Head profile length	VP x 2 + 100 mm
Drive	by electro-driven toothed belt
Opening/closing speed	adjustable (two leaves) 20÷180 cm/s
Emergency opening/closing speed	adjustable
Pause time	adjustable from 0 to 30 s
Static force	150 N (self-learning adjustment)
Partial opening	adjustable (two leaves) from 20 cm to total standard
Anti-crushing device	standard (can be excluded)
Photocells fail-safe	IP 23 (for indoor use only)
Protection class	-20°C ÷ +55°C
Environmental temperature	

Automatic adjustments

- Open and closed positions identified
- Measurement of leaf weights and friction
- Selection of optimum speed, acceleration and deceleration
- Photocell test
- Anti-crushing safety at 150 N

Use

Time slot programmable calendar management

Model	Leaf	Free passage width (mm)	Leaf max. weight (kg)	Self-supporting (head profile length mm)
930N SF1	single	700÷3,000	120	NO
930N SF2	double	800÷3,000	80+80	NO
930N SFA1	single	700÷3,000	120	YES (max. 3,000)
930N SFA2	double	800÷3,000	80+80	YES (max. 3,000)

