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FAAC

Faac spa

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NEW



D600 - D1000

Electro-mechanical drive automated system for sectional doors,
and for up-and-over doors with springs and counter-weights

FAAC

D600 - D1000

ELECTRO-MECHANICAL DRIVE AUTOMATED SYSTEM
for sectional doors, and for up-and-over doors with springs
and counter-weights



COMPACT, ELEGANT DESIGN: dimensions 360x200x120mm

ANTI-BURGLARY NON-REVERSING FACILITY

> With the non reversing gearmotor, there is no need to install locks and bolts.

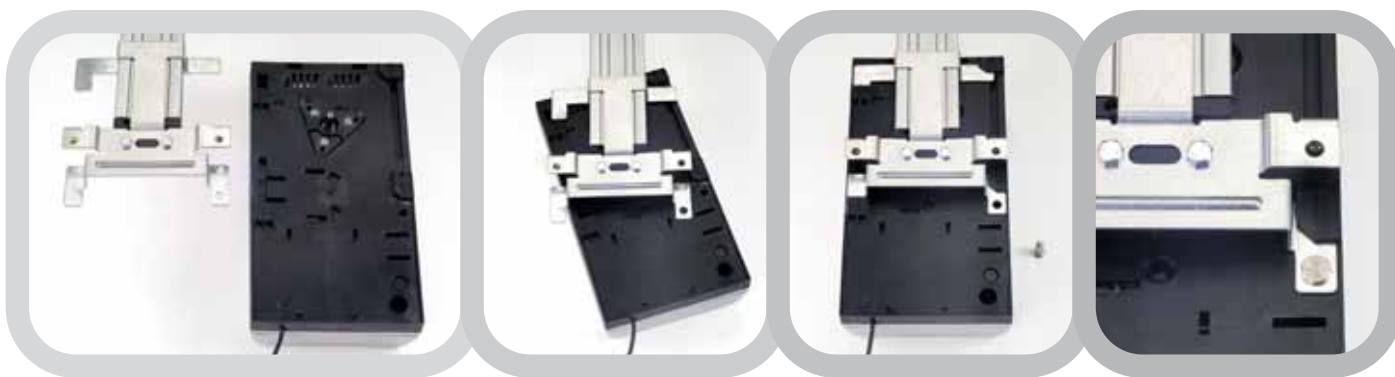
BI-STABLE RELEASE DEVICE [FAAC PATENT]

> Can be activated by a cord from the inside. Facilitates manual activation, avoiding unwanted restarts of the automated system. Accessories allow the release to be activated from the outside..

QUICK, SIMPLE INSTALLATION

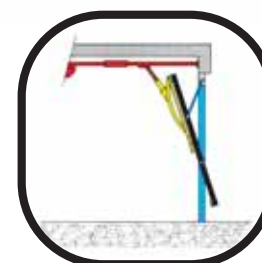
> Pre-installed rail, where the chain, or the belt, and the pinion (on bearings) are fitted and tension is applied

> Installation of the automated system on the rail WITHOUT ANY TOOLS with rotation coupling [FAAC PATENT]

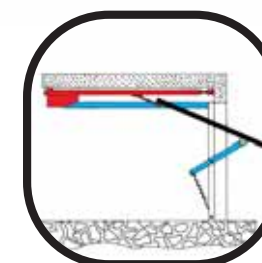


- > Base in glass-filled nylon: light and very sturdy
- > OPEN push-button
- > Courtesy light 40W (max - designed also for use with low consumption bulb)
- > "Snap-fit" housing for the connections and programming area

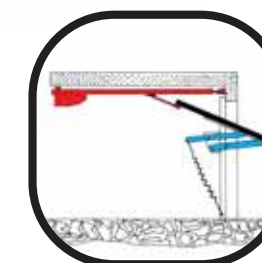
EXAMPLES OF APPLICATION



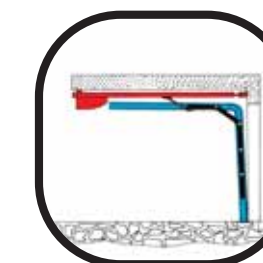
> With counter-weights
(with adaptor GDA 2400)



> Horizontal guides



> Double lever



> Sectional
(with curved arm)

CONTROL UNIT

FEWER, SIMPLER ELECTRICAL CONNECTIONS

- > Transformer and electric motor pre-wired to a connector
- > Electrical connections in the terminal-board, and quick fitting "screwless" cables
- > Facility for rapid connector for frequency modules XF433 / XF868 and for emergency battery
- > Connection cable with plug supplied standard
- > TOOL-FREE access to the connections and programming zone by a "snap-fit" housing and suspension cord.
- > Plastic protection for the control board ensures no accidental damage to the board, and safety.



SET UP: JUST PRESS A KEY

A simple set-up operation ensures automatic memory storage of the stroke limit positions and slow-downs. At the end of the initialising cycle, the automated system operates correctly without further adjustments.

THE ELECTRONIC ANTI-CRUSHING DEVICE ADJUSTS ITSELF AUTOMATICALLY during the set-up operation, constantly maintaining the operating threshold to the minimum, and adapting to the differences in force required at all times to move the door.

The device stops the door moving as it opens and reverses it at closure. The anti-crushing device makes it possible to build automated systems conforming to European Directives EN12453 - EN12445, also without installing safety edges.

ELECTRONIC SPEED CONTROL

To protect the door against mechanical stress as the movement begins, an electronic control gradually increases the speed of the operator (Soft Start). Deceleration, both at opening and closure (Soft Stop) prevents the door reaching the mechanical stops in a damaging, noisy way.



BUILT-IN MULTI-CODING: DS codes (with microswitches), LC (rolling code) and the exclusive SLH (hopping code), enabling direct self-learning between transmitters, and, therefore, no action is necessary on the system's receiver **[FAAC PATENT]**.
TWO-CHANNEL INTEGRATED DECODING: both total opening and partial opening can be managed with the radio control.
CONNECTOR SET-UP FOR MODULES WITH FREQUENCY OF XF 433 OR XF 868, to leave maximum freedom in selecting the transmitter.

TECHNICAL SPECIFICATIONS

model	D600	D1000
Power supply (Vac)	230	230
Electric motor (Vdc)	24	24
Maximum absorbed power (W)	220	350
Thrust force (N)	600	1000
Type of use	continuous	continuous
Maximum overall dimensions from ceiling (mm)	35	35
Courtesy light / Vac - W)	230-40 (max)	230-40 (max)
Courtesy light timing (sec)	120	120
Carriage standard off load speed (m/min)	6,6	6,6
Carriage reduced off load speed (m/min)	3,8	3,8
Carriage speed at slow-down	1,3	1,3
Noise at standard speed (dB(A))	45	45
Travel length at slow-down	variable from set-up	variable from set-up
Intrinsic safety device	category 2	category 2
Sectional door maximum width (mm)	5000	5000
Sectional door maximum height (mm)	see effective travel	see effective travel
Effective travel of sliding guide (mm)	1900-2500-3100	1900-2500-3100
Protection class	for internal use only (IP 20)	for internal use only (IP 20)
Operating ambient temperature (°C)	-20 -H +55	-20-H+55

TECHNICAL SPECIFICATIONS OF CONTROL BOARD

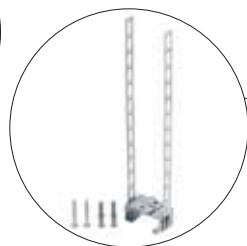
Power supply voltage (Vac / Hz.)	230 / 50
Power supply to accessories (VDC)	24
Accessories maximum load (mA)	200
Operating ambient temperature (°C)	-20 ÷ +55
Rapid connector	for receiver boards XF433 / XF868 / Batteries
Function logics	Automatic / Semiautomatic
Connections on terminal-board	Open / Stop / Safety devices / Fail safe Flashing lamp 24 Vdc
Courtesy light timing (min)	2



> **Curved arm for sectional doors** COD 390768



> **Adaptor GDA 2400** COD 390548
To be used for applications on up-and-over doors with counter-weights.



> **Rail central support** COD 390765
To have a central securing point on the ceiling also for single piece rails (standard for two-piece rails).



> **Cable and sheath for external release for applications to the existing handle** COD 390488
External release by key for doors with thickness of over 15 mm (locks numbered from 1 to 36). We advise using these accessories if there are no other accesses to the garage (e.g. internal doors).



> **Emergency batteries kit XBAT 24** COD 390923
The buffer batteries kit can be accommodated inside the housing of the automated system, enabling it to operate even in case of a power cut.



> **Frequency module XF 868 MHz** COD 319007
Frequency module XF 433 MHz COD 319006
To be selected according to the transmitter chosen to control the automated system



> **Control unit** COD 785200
The safety edge control unit CN60E (safety device type C - EN12453) can be accommodated inside the housing of the automated system.



Steel rail with fretted profile ensuring greater resistance against flexure of the automated system.



Pre-installed rail, where the chain or belt and the pinion (on bearings) have already been installed and given tension.

RAIL

Rail	Type of door	Door max. dimensions L x H (m)*	Length of rail (mm)	Carriage max travel (mm)	Code
Single with chain	U-A-O with springs/counter weights, Sectional	3,00 x 2,15 5,00 x 2,02	2400	2020	390119
Single with chain	U-A-O with springs/counter weights, Sectional	3,00 x 2,60 5,00 x 2,62	3000	2620	390125
Single with chain	U-A-O with springs/counter weights, Sectional	3,00 x 3,20 5,00 x 3,20	3600	3200	390131
Single with chain	U-A-O with springs/counter weights, Sectional	3,00 x 3,80 5,00 x 3,80	4200	3800	390138
Two-piece with chain	U-A-O with springs/counter weights, Sectional	3,00 x 2,60 5,00 x 2,62	3000	2620	390225
Two-piece with chain	U-A-O with springs/counter weights, Sectional	3,00 x 3,20 5,00 x 3,20	3600	3200	390231
Two-piece with chain	U-A-O with springs/counter weights, Sectional	3,00 x 3,80 5,00 x 3,80	4200	3800	390238
Single with belt	U-A-O with springs/counter weights, Sectional	3,00 x 2,15 5,00 x 2,02	2400	2020	390120
Single with belt	U-A-O with springs/counter weights, Sectional	3,00 x 2,60 5,00 x 2,62	3000	2620	390126
Single with belt	U-A-O with springs/counter weights, Sectional	3,00 x 3,20 5,00 x 3,20	3600	3200	390132
Single with belt	U-A-O with springs/counter weights, Sectional	3,00 x 3,80 5,00 x 3,80	4200	3800	390139
Two-piece with belt	U-A-O with springs/counter weights, Sectional	3,00 x 2,60 5,00 x 2,62	3000	2620	390226
Two-piece with belt	U-A-O with springs/counter weights, Sectional	3,00 x 3,20 5,00 x 3,20	3600	3200	390232
Two-piece with belt	U-A-O with springs/counter weights, Sectional	3,00 x 3,80 5,00 x 3,80	4200	3800	390239