

Electro-mechanical operator with articulated arm

for residential swing-leaf gates with single-leaf max width of 2 m (2.5 m with the electric lock)



- Compact, elegant design. Width - the crucial overall dimension - is as little as 185 mm!
- Versatile, simple installation. The articulated arm allows high flexibility for the installation dimensions, enabling use also on large pillars.
- With the non-reversing operator, there is no need to install electro-mechanical closing devices. In case of a power cut, the rotation of the (key protected) release device alone, makes it possible to move the gate manually.
- Up to 2 m anti break-in non reversing capability.
- Built-in mechanical stops: no need to install opening and closing mechanical stops.
- New control unit with anti-crushing device and virtual encoder with reverse function upon detection of obstacle.
- Emergency battery to ensure operation in case of powercut (optional).



New

- Option to add BUS XIB interface for applications using NO BUS devices.
- **IMPORTANT:** to ensure correct operation, make sure that the distance between the gate hinge and any walls or lateral fencing is greater than 725 mm.

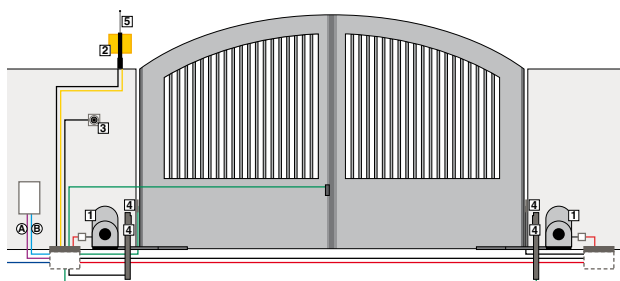
DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 391

	391E	391		391E	391
Power supply	230 Vac	/	Use frequency at 20 °C	1:25	
Electric motor	24 Vdc		Consecutive cycles at 20 °C	80 cycles/day	
Absorbed power	120 W	110 W	Protection class	IP 44	
Max. torque	250 Nm		Operating ambient temperature	-20 °C to +55 °C	
Max. angular speed	13° sec		Weight	8.7 kg	7.0 kg
Max. leaf length *	2.5 m		Dimensions (L x D x H) in mm	185 x 260 x 310	
Max. leaf weight **	See graph A				

* For leaves with a length exceeding 2 m, an electric lock must be fitted.

** The weight of the leaf depends on its length. On graph A, check if your leaf is in the zone shown in the graph.

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

- 1 cable 2x0.75
- 2 cables 2x0.75
- 1 cable 2x0.50
- 1 cable 3x0.75

■ (B) Power cabling (230 V)

- 1 cable 2x1.5+T

N.B.: Cable sections in mm²

Ref.	Q.ty	Description	Item code	Price (euro)
①	1	Operator 391 E with control board and articulated arm	104576	
①	1	Operator 391 with articulated arm	104577	
	1	Receiver XF 433	319006	
	1	Two-channel transmitter XT2 433 SLH	787003	
②	1	Flashing lamp FAACLIGHT 24 Vdc	410014	
④	1	Pair of photocells XP 15 B	785149	
⑤	1	Key-operated push-button T10 E	401019001/36	
TOTAL				

Notes

IMPORTANT: The configuration does not include the safety devices (i.e.: active or passive safety edges) that are to be determined according to the specific "risk analysis" of each installation (Ref.: UNI-EN 12445 and 12453 European Standards).

• The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

391

Model	Use		Control unit	Item code	Price (euro)
	Single-leaf max. width (m)	Use frequency (cycles/hour)			
391 E	2 m (2.5 with electric lock)	80	E391 included	104576	
391	2 m (2.5 with electric lock)	80	Not included	104577	

The 391 E package includes: an electro-mechanical operator with built-in control board and transformers, an articulated arm, a release key.

The 391 package includes: an electro-mechanical operator, an articulated arm, a release key.

CONTROL UNITS



Control unit E 024S
Technical specifications page 159

Item code 790286
Price (euro)



Control unit E 124
Technical specifications page 160

Item code 790284
Price (euro)

BUS XIB interface

Item code 790062
Price (euro)

Receiving-transmitting module XCOM

Item code 787150
Price (euro)

Emergency battery support kit* (only for E 124)

Item code 390926
Price (euro)

XCOM BOX Module

Item code 790061
Price (euro)

SPECIFIC ACCESSORIES

Faaylight Flashing lamp 24 Vdc

Item code 410014
Price (euro)



Pair of straight arms

Item code 738010
Price (euro)



Plate for walling-in

Item code 737403
Price (euro)

Emergency battery kit XBAT 24 (not for E 124)

Item code 390923
Price (euro)

Receiver XF433 Mhz Receiver XF868 Mhz

Item code XF433 319006
Price (euro)
Item code XF868 319007
Price (euro)

Photocell XP15B

Item code 785149
Price (euro)



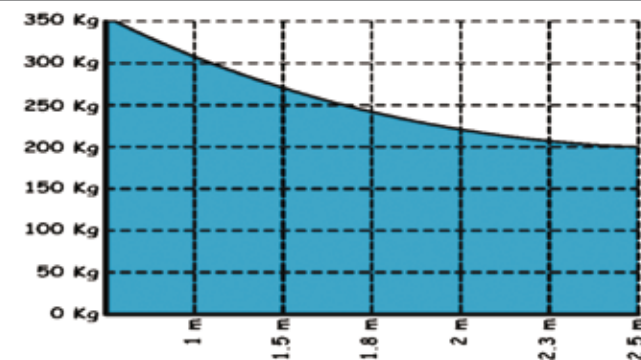
XK 21 L 24 V
Burglar-resistant key-selector with lever release

Item code 401301
Price (euro)



External release kit
(only for XK 21 L 24 V)

Item code 424001
Price (euro)



Graph A

Notes

- For a single-leaf gate, use a 391 E operator. For a two-leaf gate, use a 391 E operator and a 391 operator.
- **IMPORTANT:** Thanks to the new omnic 2easy technologies, the E024S control board is compatible only with receiver XF 433/XF 868 (facility for a connector) and with the XP15 B ("bus" connection) photocells.
- (*) The 2 Pb standard batteries are not supplied by FAAC. 12 V/4Ah needed. Dimensions: 90X70X108 mm

OTHER ACCESSORIES



Key-operated push-buttons
page 185



Photocells and Columns
page 189



Safety devices
page 191



Flashing lamps
page 193



Transmitters
page 182



Various accessories
page 194