

390

Electro-mechanical operator with articulated arm

for residential swing-leaf gates with single-leaf width of 1.8 m (3 m with electric lock), for bi-folding doors with 1.5 m maximum width of single panel



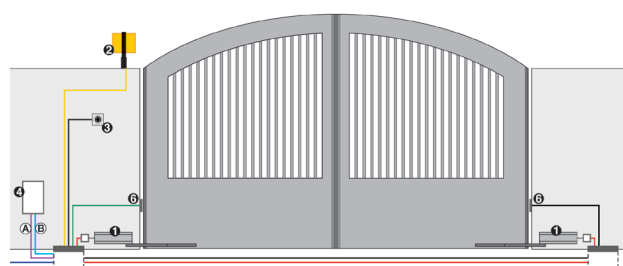
- Non reversing operator, does not require electric lock up to 1.8 m.
- Maximum anti-crushing safety thanks to an exclusive electronic device.

- **IMPORTANT:** to ensure correct operation, make sure that the distance between the gate hinge and the pillar edge is max 300 mm.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 390

Power supply voltage	230 Vac (+6% -10%) 50 (60) Hz	Max. torque	250 Nm
Absorbed power	280 W	Thermal protection on motor winding	140 °C
Absorbed current	1.2 A	Operating ambient temperature	-20 °C to +55 °C
Motor rotation speed	960 r.p.m.	Protection class	IP 44
Reduction ratio	1:700	Weight	11.5 kg
Angle speed	8°/s	Dimensions (L x D x H) in mm	410 x 130 x 130

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

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

■ (B) Power cabling (230 V)

- 2 cables 3x1.50+T
- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B.: Cable sections in mm²

Ref.	Q.ty	Description	Item code
1	2	Operators 390	104570
1	2	Articulated arms	738705
4	1	Control board 452 MPS	790916
4	1	Enclosure mod. E	720119
	1	Receiver board RP 433 SLH	787824
	1	Two-channel transmitter XT2 433 SLH LR	787007
2	1	Flashing lamp FAACLIGHT	410013
6	1	Pair of photocells SAFEBEAM	785165
5	1	Key-operated push-button T10 E	401019001/36

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).

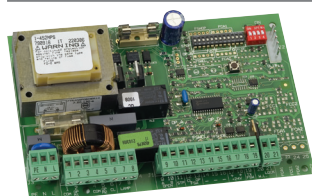
• The indicated price does not include the installation costs and the expenses for masonry, electrical and metalwork preparations.

390

Model	Use		Control unit	Item code
	Single-leaf max. width (m)	Use frequency (cycles/hour)		
390	1.80 (3 with electric lock)	15	Not included	104570

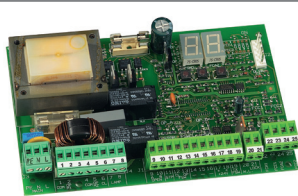
The package contains: an electro-mechanical operator, installation accessories, a thrust capacitor 8 μ F 400 V, a release key.

CONTROL UNITS



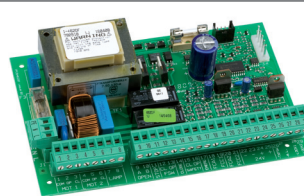
Control board 452 MPS
Technical specifications page 140

Item code 790916



Control board 455 D
Technical specifications page 141

Item code 790917



Control board 462 DF (*)
Technical specifications page 142

Item code 790918

*Programmable only by digiprogram or Faactotum



Enclosure mod. L
for control boards

Item code 720118



Enclosure mod. E
for control boards

Item code 720119



Enclosure mod. LM
for control boards

Item code 720309



XK21L 24 V - Burglar-resistant
key-selector with lever release

Item code 401301

SPECIFIC ACCESSORIES



Articulated arm

Item code 738705



Telescopic arm
(application for folding doors)

Item code 738706



External release device with cable and sheath*
Length 5 m

Item code 401057



Single limit switch kit
(opening or closing)**

Item code 390682

Notes

- (*) To be used with key-operated push-buttons T21 EF or T21 IF (see page 159). (**) The operator 390 can be equipped with a closing travel limit device and an opening travel limit device. Board 455 D or 462 DF must be used to control the travel limit device/s.
- For anti-crush safety, use CONTROL UNITS 452 MPS, 455 D or 462 DF, equipped with an electronic torque control device.
- **IMPORTANT: The operator 390 must be provided with an articulated arm (swing leaf gate) or with a telescopic arm (for folding doors).**

OTHER ACCESSORIES



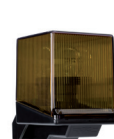
Key-operated push-buttons
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Photocells and Columns
page 163



Safety devices
page 166



Flashing lamps
page 167



Transmitters
page 156



Various accessories
page 168