



# 390 230V

## 230V Electromechanical actuator with articulated arm



Max width single leaf

1,8 - 3 m (with electric  
lock)

Use frequency

S3 - 30%

- Non reversing operator, does not require electric lock up to 1,8 m.
- Suitable for large pillars installations, thanks to the articulated arm.
- Manual release device which can be activated from inside or outside the property.



**GREENTech 230V  
system:**  
390 230V + E045S  
or E145S



### DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	390 230V
Power supply voltage	220-240V~ 50/60 Hz
Electric motor	Asynchronous single phase
Max. power	280 W
Max. torque	250 Nm (*)
Max. angular speed	8 °/s (*)
Max. leaf opening angle	120°
Operating ambient temperature	-20°C ÷ +55°C
Thermal protection	140°C
Protection class	IP44
Weight	11.5 Kg
Use frequency	S3 - 30%
Max. leaf width	1.8 m (3 m with electric lock)
Dimensions (LxDxH)	412 x 133 x 134 mm
Electronic equipment	Not included

(\*) data referred to 230V~ 50Hz.

FAMILY MODELS

Model	Item code	Price €
390 230V	104570	469.50

PACKS

**390 230V includes:** an electromechanical operator, accessories for installation, a thrust capacitor 8μF 400V, a release key.

Typical Installation Examples page. 287

ELECTRONIC CONTROL UNITS



E045S control unit  
Info at page 138



E145S control unit  
Info at page 140

ACCESSORIES



Enclosure mod. L for  
electronic control units



Enclosure mod. E for  
electronic control units



Enclosure mod. LM for  
electronic control units

790077	€ 258.50	790076	€ 359.00
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720118	€ 36.00	720119	€ 24.50	720309	€ 56.50
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Jointed arm

738705	€ 137.50
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External release  
device with cable and  
sheath  
Length 5 m ♦

401057	€ 64.00
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Single limit switch kit  
(opening or closing)

390682	€ 13.00
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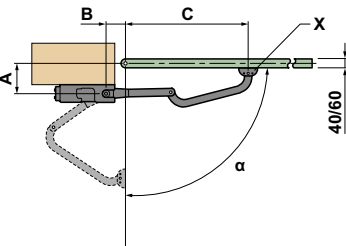


BUS XIB interface  
(for E045 or E045S  
boards with photocell  
no BUS)

790062	€ 18.50
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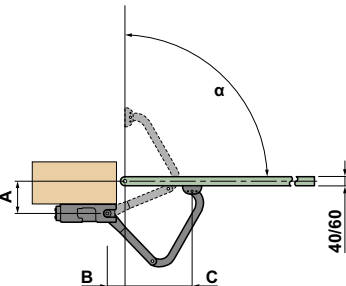
INSTALLATION DIMENSIONS (MM)

Inward opening



	A	B	C (max)
α 90°	60 - 110	110 - 130	730
	110 - 160	110 - 130	720
	160 - 210	110 - 130	710
	210 - 260	110 - 130	700
	260 - 310	110 - 130	690
	310 - 360	110 - 130	670
α 120°	60 - 110	110 - 130	650
	110 - 160	190 - 210	600
	160 - 210	290 - 310	540
	210 - 260	310 - 330	510

Outward opening



	A	B	C (max)
α 90°	60 - 110	110 - 130	430
	110 - 160	110 - 130	380
	160 - 210	110 - 130	330
	210 - 260	110 - 130	280
	260 - 310	110 - 130	240

For any other configuration please refer to the technical manual

NOTE

**IMPORTANT:** the 390 operators must be provided with a jointed arm (swing gate) or with a telescopic arm (for folding doors).  
**IMPORTANT:** to ensure correct operation, make sure that the distance between the gate hinge and any wall does not exceed 300 mm.  
For a two-leaf gate, provide two operators, two jointed arms and electronic control unit.  
The 390 operators can be equipped with an opening and a closing limit switch  
For management of the limit switches on the 390, you need to use the E145S board.  
: compatible with XMBX (GSM) or XWBL (Wifi/Lan) connectivity module

OTHER ACCESSORIES

Key operated  
buttons  
page 182

Safety edges  
page 193

Transmitters  
and receivers  
page 174

Photocells and  
columns  
page 190

Flashing lights  
page 200

Various  
accessories  
page 201