



390 230V

Electromechanical operator with articulated arm 230V



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 + E045
or E145



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	390 230V
Power supply voltage	220-240V~ 50/60 Hz
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
390 230V	104570

PACKS

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

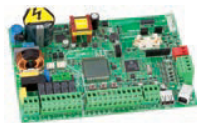
Typical Installation Examples page. 319

ELECTRONIC CONTROL UNITS



E045 electronic control unit
Info at page 142

790005



E145 electronic control unit
Info at page 144

790006

ACCESSORIES



Enclosure mod. L for electronic control units

720118



Enclosure mod. E for electronic control units

720119



Enclosure mod. LM for electronic control units

720309

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Jointed arm

738705



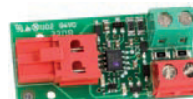
External release device with cable and sheath
Length 5 m

401057



Single limit switch kit
(opening or closing)

390682

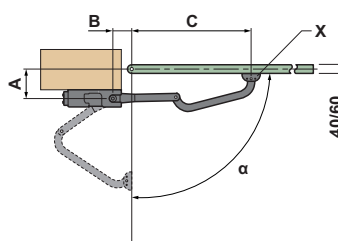


BUS X1B interface
(for E045 or E024S control unit with non BUS photocell)

790062

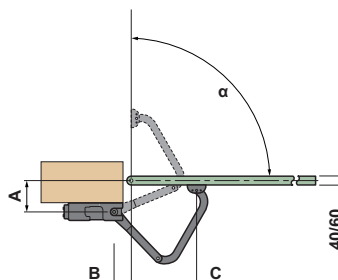
INSTALLATION DIMENSIONS (MM)

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 fitted with an opening limit switch and closing limit switch. To manage the limit switch/es on the 390, you must use the E145 control unit.

OTHER ACCESSORIES

Key operated buttons
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Safety devices
page 186

Transmitters and receivers
page 166

Photocells and columns
page 183

Flashing lights
page 194

Various accessories
page 195