

230V Electromechanical operator



Max width single leaf

1.8 m

Use frequency (cycles/hour)

18



- Non reversing operator, does not require electric lock.
- Easy installation and maintenance.
- Lever release device on the rear side of the operator.



24V SAFEzone
system:
412 + E045 or E145 +
SAFEcoder



GREENTech
system:
412 + E045 or E145



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	412 RH	412 LH
Power supply voltage	220-240V~ 50/60 Hz	220-240V~ 50/60 Hz
Motor	Asynchronous single phase	Asynchronous single phase
Max. power	280 W	280 W
Max expressed force	3500 N (*)	3500 N (*)
Rod max speed	16 mm/s (*)	16 mm/s (*)
Rod travel	290 mm	290 mm
Max. leaf opening angle	110°	110°
Operating ambient temperature	-20°C ÷ + 55°C	-20°C ÷ + 55°C
Thermal protection	140°C	140°C
Protection class	IP44	IP44
Weight	6.5 Kg	6.5 Kg
Use frequency	18 cycles/hour	18 cycles/hour
Max. leaf width	1.8 m	1.8 m
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded	Rear attachment to be welded/screwed - front attachment to be welded
Dimensions (LxDxH)	1000 x 90 x 195 mm	1000 x 90 x 195 mm
Electronic equipment	Not included	Not included

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

FAMILY MODELS

Model	Item code
412 RH	104470
412 LH	104471

PACKS

412 RH/LH includes: an electromechanical operator (RH or LH), installation accessories, a release key, a 400V 8 μ F thrust capacitor.

Typical Installation Examples page. 334

ELECTRONIC CONTROL UNITS



E045 electronic control unit
Info at page 144

790005



E145 electronic control unit
Info at page 146

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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Plate to be walled

737604



Pair of supplementary release keys

713009



SAFEcoder (BUS magnetic absolute encoder) for 412 operator (FAAC Patent)

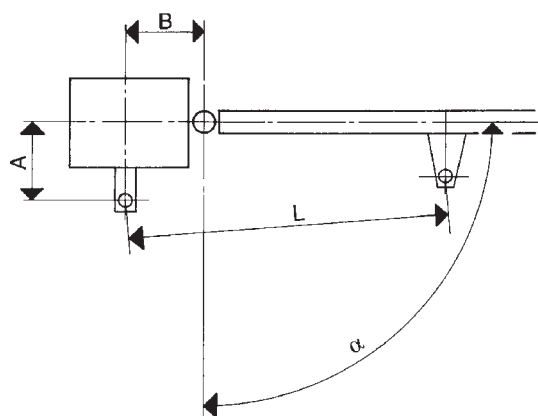
404041



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

790062

INSTALLATION DIMENSIONS (MM)



Type	α	A	B	EFFECTIVE STROKE	L
412	90°	145	145	290	892
	100°	125	125		

NOTE

The version for right leaves (RH and LH) is determined looking at the gate from inside the property.

OTHER ACCESSORIES

Key operated buttons
page 176

Safety devices
page 190

Transmitters and receivers
page 168

Photocells and columns
page 186

Flashing lights
page 198

Various accessories
page 200