

External automations
for swing-leaf gates

413 230V

230V Electromechanical operator



Max width single leaf

1,8 - 2,5 m (with
electrick lock)

Use frequency

30%



- "Off axis" thrust operator.
- Opening and closing mechanical stops included.
- Horizontal exit for cables to allow near to ground installation (low installation).



**230V SAFEzone
system:**
413 230V + E045 or
E145 + SAFEcoder



**GREENTech 230V
system:**
413 230V + E045
or E145



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	413 230V
Power supply voltage	220-240V~ 50/60 Hz
Motor	Asynchronous single phase
Max. power	250 W
Max expressed force	2000 N (*)
Rod max speed	16 mm/s (*)
Rod travel	300 mm (350 mm without mechanical stops)
Max. leaf opening angle	110°
Operating ambient temperature	-20°C ÷ + 55°C
Thermal protection	140°C
Protection class	IP54
Weight	7.8 Kg
Use frequency	S3 - 30%
Max. leaf width	1,8 m (2,5 with electric lock)
Mounting brackets	Rear attachment to be welded/screwed - front attachment to be welded
Dimensions (LxDxH)	785 x 105 x 148 mm
Electronic equipment	Not included

(*) data referred to 230V~ 50Hz

FAMILY MODELS

Model	Item code
413 - 230V	104413

PACKS

413 230V includes: an electromechanical operator, installation accessories, a release key, a 400V 6.3μF thrust capacitor.
The LS version includes the electric limit switches.

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

>>



Plate to be walled

737604



SAFEcoder BUS magnetic absolute encoder (FAAC Patent)

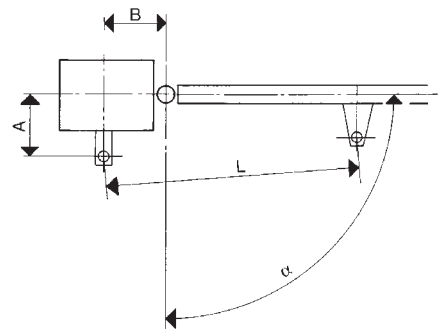
404040



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

790062

INSTALLATION DIMENSIONS (MM)



Type	α	A	B
413 with opening and closing stops	90°	140	140
	110°	120	135
413 with opening stop	90°	150	150
	110°	135	135
413 without opening and closing stops	90°	160	160
	110°	145	145

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