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GATE OPENER MANUALS

FAAC 415 Manual

FAAC

Original manufacturer documentation follows

Electro-mechanical operator

for residential swing-leaf gates with single-leaf max width of 3 m (415) and 4 m (415 L)



- "In-axis" thrust operator.
- Available in versions with a 300 mm (max leaf 3 m) and 400 mm (max leaf 4 m) rod stroke.
- Available in versions with/without a travel limit device.
- Half bodies are coupled with a seal.
- Die-cast aluminium body, entirely double-coat painted for longer life.
- Manual release device with simplified key-protected activation.
- 24 Vdc power supply to travel limit devices (if present) for maximum safety, with facility for controlling travel limit stops and slow-down.
- Horizontal exit for cables to allow near to ground installation (low installation).
- Designed for use with the "Gatecoder" obstacle detection device.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF 415

	415	415 LS	415 L	415 L LS		415	415 LS	415 L	415 L LS
Power supply	230 Vac				Leaf max. width (*)	3 m*		4 m**	
Power	300 W				Type and frequency of use at 20 °C	S3-30%	S3-35%	S3-30%	S3-35%
Current	1.3 A				Indicative minimum hourly cycles at 20 °C	~30		~25	
Thermal protection	140 °C				Operating ambient temperature	-20 °C to +55 °C			
Capacitor	8 µF				Weight of operator	7.8 Kg		8 Kg	
Thrust	300 daN				Dimensions (L x D x H) in mm	835 x 105 x 148		940 x 105 x 148	
Rod stroke	300 mm		400 mm		Protection class	IP 44			
Rod extension speed	1.6 cm/sec				Travel limit microswitches	NO	YES	NO	YES

(*) Use of the electric lock is recommended over 2.50 m. (**) Use of the electric lock is recommended over 3.00 m.



■ (A) Low voltage cabling

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

■ (B) Power cabling (230 V)

- 3x1.5 cable
- 2x1.5 cable
- 1x1.5 cable

N.B.: Cable sections in mm²

Ref.	Q.ty	Description	Item code	Price (euro)
□	2	Operator 415	181115	
□	1	Control board 452 MPS	790916	
□	1	Enclosure mod. E	720119	
□	1	Receiver board RP 433 SLH	787824	
□	1	Transmitter XT2 433 SLH	787003	
□	1	Flashing lamp FAACLIGHT	410013	
□	1	Pair of photocells SAFEBEAM	785165	
□	1	Key-operated push-button T10	801019001/36	
TOTAL				

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.

415

Model	Use		Item code	Price (euro)
	Single-leaf max. width (m)	Use frequency (cycles/hour)		
415	3.00 30 104415	3.00 35 104416 4.00 25 104417 4.00 25 104418		
415 LS				
415 L				
415 L LS				

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

CONTROL UNITS



Control board 452 MPS

Technical specifications page 148



Control board 455 D

Technical specifications page 149



Control board 462 DF

Technical specifications page 150

Item code 790916
Price (euro)

Item code 790917
Price (euro)

Item code 790918
Price (euro)



Enclosure mod. L for control boards



Enclosure mod. E for control boards



Enclosure mod. LM for control boards

Item code 720118
Price (euro)

Item code 720119
Price (euro)

Item code 720309
Price (euro)

SPECIFIC ACCESSORIES



Plate for walling-in

Item code 737604
Price (euro)



Rod housing for mod. 415 and mod. 415 LS (rod stroke 300 mm)

Item code 727525
Price (euro)



Gatecoder obstacle detection kit (with reversing function)
Technical specifications page 161

Item code 104485
Price (euro)

Notes

- For anti-crushing safety, use control units 452 MPS, 455 D or 462 DF, equipped with an electronic force control device.
- Control board 455 D or 462 DF must be used to control operators with travel limit devices (Mod. LS).

OTHER ACCESSORIES



Key-operated push-buttons
page 185



Photocells and Columns
page 189



Safety devices
page 191



Flashing lamps
page 193



Transmitters
page 182



Various accessories
page 194