# Electro-mechanical operator for residential swing-leaf gates with single-leaf max width

of 3 m (415) and 4 m (415 L)



- 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 TECHNIC	AL SPEC	CIFICATI	ONS OF	415
	415	415 LS	415 L	415 L LS
Power supply	230 Vac			
Power	300 W			
Current	1.3 A			
Thermal protection	140 °C			
Capacitor	8 μF			
Thrust	300 daN			
Rod stroke	300 mm 400 mm		mm	
Rod extension speed		1.6 cr	n/sec	

445	44510	445.1	445110
415	415 LS	415 L	415 L LS
3 m*		4 m**	
S3-30% S3-35% S3-30% S3-3		S3-35%	
~;	30	~25	
	-20 °C to	o +55 °C	
7.8	Kg	8 Kg	
835 x 10	05 x 148	940 x 105 x 148	
IP 44			
N0	YES	N0	YES
	S3-30% ~; 7.8 835 x 10	3 m* S3-30% S3-35% -30 -20 °C to 7.8 Kg 835 x 105 x 148 IP	3 m* 4 n S3-30% S3-35% S3-30% ~30 ~ -20 °C to +55 °C 7.8 Kg 8 835 x 105 x 148 940 x 10 IP 44

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

## **EXAMPLE OF A TYPICAL INSTALLATION**



## ■ A Low voltage cabling

■ 3 cables 3x0.50

■ 1 cable

# ■ B Power cabling (230 V)

■ 2 cables 3x1.50+T

2x1.5+T 1 cable

■ 1 cable 2x1.5

N.B.: Cable	sections	in	mm <sup>2</sup>

Ref.	Q.ty	Description	Item code	Price (euro)
0	2	Operator 415	104415	
0	1	Control board 452 MPS	790916	
4	1	Enclosure mod. E	720119	
€	1	Receiver board RP 433 SLH	787824	
	1	Transmitter XT2 433 SLH	787003	
0	1	Flashing lamp FAACLIGHT	410013	
0	1	Pair of photocells SAFEBEAM	785165	
	1	Key-operated push-button T10 E	401019001/36	

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

• 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	
415 LS	3.00	35	104416	
415 L	4.00	25	104417	
415 L LS	4.00	25	104418	

The package contains: an electro-mechanical operator, installation accessories, a release key, a thrust capacitor 8  $\mu$ F 400 V.

### **CONTROL UNITS**



Control board 452 MPS **Technical specifications page 148** 

Transfer of the second	700040		



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 Price (euro) Item code Price (euro) Item code 720309 Price (euro)

# **SPECIFIC ACCESSORIES**

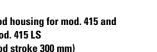


737604

Plate for walling-in

|--|

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





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

Item code 104485 Price (euro)

Item code

Price (euro)

- 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).

Item code

Price (euro)

#### **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