

Electro-mechanical operator

for residential swing-leaf gates with single-leaf max width of 2.3 m (2.7 m with electric lock)



- Opening and closing mechanical stops.
- Effective stroke 350 mm.
- New "multi-position" fixing bracket for non-welded installation.
- New control unit with anti-crushing device and virtual encoder with reverse function upon detection of obstacle.

DIMENSIONS AND TECHNICAL SPECIFICATIONS OF S418 - 24 Vdc

Power supply	24 Vdc	Leaf max. width	2,7 m*
Power	35 W	Operating ambient temperature	-20° C ÷ +55° C
Current	1,5 A	Weight	6 kg
Max. thrust**	180 daN	Dimensions (L x D x H) in mm	825x104x125
Rod stroke	350 mm (390 mm without mechanical stops)	Protection class	IP 54
Rod extension speed	1.8 cm/s	Travel limit microswitches	NO
		Opening and closing mechanical stops	YES

(*) use of the electric lock is compulsory over 2.30 m to guarantee the automatic block
(**) with board E124.

EXAMPLE OF A TYPICAL INSTALLATION



■ (A) Low voltage cabling

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

■ (B) Power cabling (230 V)

- 2 cables 3x1.50+T
- 1 cable 2x1.5+T
- 1 cable 2x1.5

N.B: Cable sections are in mm²

Ref	Q.ty	Description	Item code	Price (euro)
①	2	Operators S418-24 Vdc	104301	
①	1	Control unit E 024S with enclosure	790286	
⑤	1	Frequency module XF 433	319006	
	1	Transmitter XT2 433 SLH	787003	
②	1	Flashing lamp FAACLIGHT 24 Vdc	410014	
⑥	1	Pair of photocells XP 15B	785149	
	1	Key-operated push-button T10 E	401019001/36	
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.

S418 - 24 Vdc

Model	Use		Control unit	Item code	Price (euro)
	Single leaf max. width (m)	Frequency of use (%)			
S418 - 24 Vdc	2.3 (2.7 with electric lock)	Continuous use	Not included	104301	

The packages include: an electro-mechanical operator, installation accessories, release key.

CONTROL UNITS



Control unit E 024S
Tech. specifications page 159

Item code 790286
Price (euro)



Control unit E 124
Tech. specifications page 160

Item code 790284
Price (euro)



Emergency battery kit XBAT 24
(not for E 124)

Item code 390923
Price (euro)

SPECIFIC ACCESSORIES



Emergency battery support kit*
(only for E 124)

Item code 390926
Price (euro)



BUS XIB interface
(if E024S board is used with non BUS photocells)

Item code 790062
Price (euro)



Receiving-transmitting module X-COM

Item code 787150
Price (euro)



X-COM BOX module

Item code 790061
Price (euro)

Notes

- (*) The 2 standard Pb batteries are not supplied by FAAC. Voltage/current of 12 V/4Ah needed. Dimensions: 90x70x108 mm.

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

For spare parts, see page 342-343