

for residential swing gates  
with single leaf length of 1.8 m



### ■ The ideal choice for residential gates

The FAAC 412 is the most practical and economical choice for residential gates up to 1.8 metres in length per leaf. The 412 actuator is non-reversing and, therefore, does not require electric locks and bolts.

### ■ Quick and easy to install

Quick and easy to install, no need for expensive modifications to the existing load bearing structure. Use of electro-mechanical technology makes the FAAC 412 ideal for light duty applications.

### ■ Electronic safety

Anti-crushing protection is ensured by an electronic device installed on the FAAC control boards, which directly controlling operator drive torque. In case of an emergency, the release key makes it possible to operate the gate manually.



### ■ Less maintenance, highly reliable

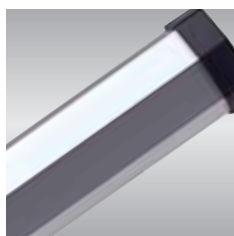
The FAAC 412 electro-mechanical device cuts down considerably on maintenance. Reliability is assured under all atmospheric conditions and in an outdoor temperature range of -20°C to +55°C.



■ Emergency release



■ Electric motor complete  
with thermal protection



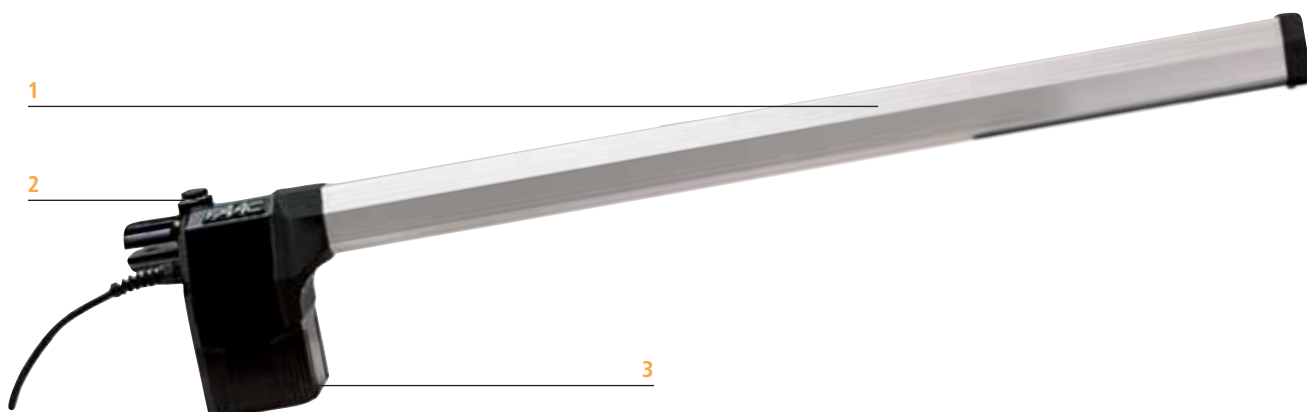
■ Rod protective  
housing

#### SPECIFICATIONS

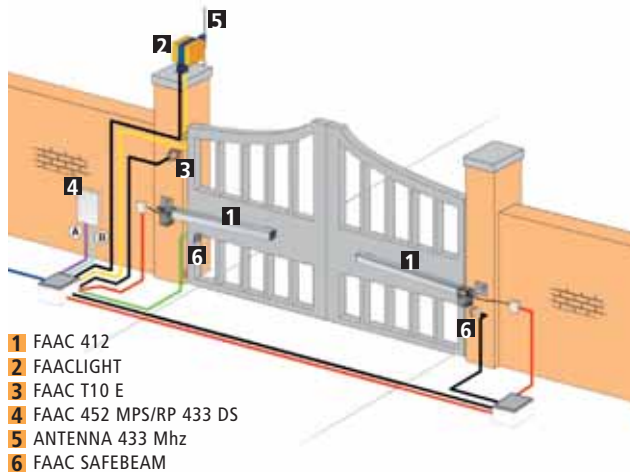
Non-reversing electro-mechanical screw actuator for swing-leaf gates • Leaf maximum length 1.8 m • Max use frequency 18 cycles/hour • Pillar installation • Leaf opening inwards or outwards • Max opening angle 110° • Max traction/thrust force of 320 daN • Rod speed 1.6 cm/s • Rod effective stroke 290 mm • Electric motor power supply 230 Vac (+6% -10%) - 50(60) Hz • Electric motor power 280 W • Thermal protection at 140° built into motor winding • Overall dimensions 1.000x90x195 mm (LxWxH) • Protection class IP44 • Operating ambient temperature -20°C ÷ +55°C • Built-in release device with hexagonal key • Motor body transversally located, and painted • Screw housing in anodised aluminium



- 1 Rod protective housing
- 2 Emergency release
- 3 Electric motor complete with thermal protection



#### INSTALLATION LAYOUT



- 1 FAAC 412
- 2 FAACLIGHT
- 3 FAAC T10 E
- 4 FAAC 452 MPS/RP 433 DS
- 5 ANTENNA 433 Mhz
- 6 FAAC SAFEBEAM

Technical specifications	412
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Absorbed power	280 W
Absorbed current	1.5 A
Motor rotation speed	1.400 rpm
Rod extension speed	1.5 cm/s
Traction and thrust force	0÷320 daN
Thermal protection on motor winding	140°C
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 44
Weight	6.5 kg

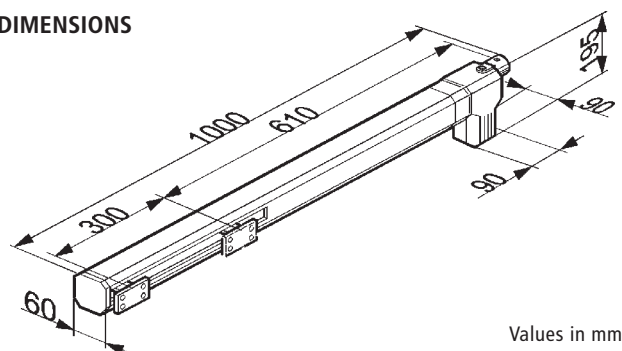
Low voltage cabling	Power cabling (230V)
<b>(A)</b> { <ul style="list-style-type: none"> <li>3 cables 3x0,5</li> <li>1 cable 2x0,5</li> </ul>	<b>(B)</b> { <ul style="list-style-type: none"> <li>2 cables 3x1,5+T</li> <li>1 cable 2x1,5+T</li> <li>1 cable 2x1,5</li> </ul>

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

Model	Use	
	Single leaf max length (m)	Use frequency (cycles/hour)
412 RH	1,80	18
412 LH	1,80	18

NOTE: Right (RH) and left (LH) has to be considered from inside the property.

#### DIMENSIONS



Values in mm

# FAAC

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Control equipments: please refer to the relevant brochures