

412

FAAC

electro-mechanical automation *for residential two-leaf 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

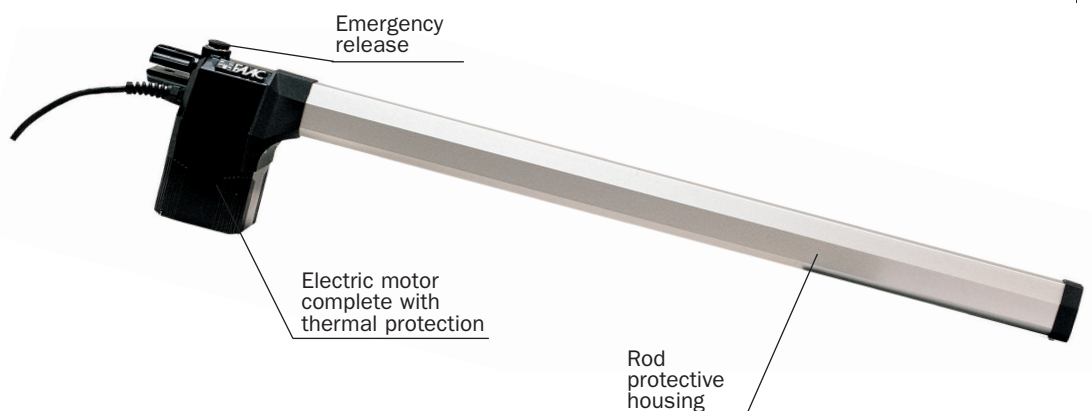
Anti-crushing protection is ensured by an electronic device installed on the FAAC control boards, which directly controlling operator drive torque. In case of an emergency, the release key makes it possible to operate the gate manually.

LESS MAINTENANCE, HIGHLY RELIABLE

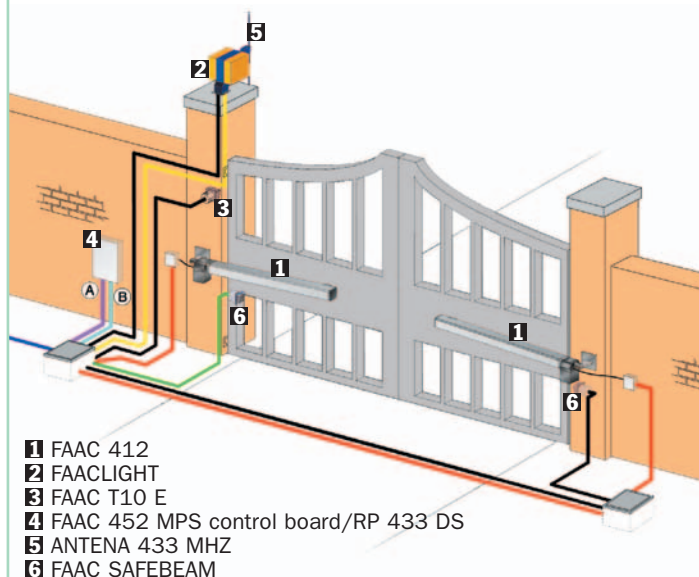
The FAAC 412 electro-mechanical device cuts down considerably on maintenance. Reliability is assured under all atmospheric conditions and in an outdoor temperature range of -20°C to +55°C.

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 V (+6% -10%) - 50 (60) Hz • Electric motor power 280 W • Thermal protection at 140° built into motor winding • Overall dimensions (Length x Width x Height) 1.000x90x195 mm • 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



INSTALLATION LAYOUT



Low voltage cabling		Power cabling (230V)	
(A)	3 cables 3x0,5	(B)	2 cables 3x1,5+T
	1 cable 2x0,5		1 cable 2x1,5+T
			1 cable 2x1,5

N.B.: Cable diameters in mm²

Actuator technical specifications

412

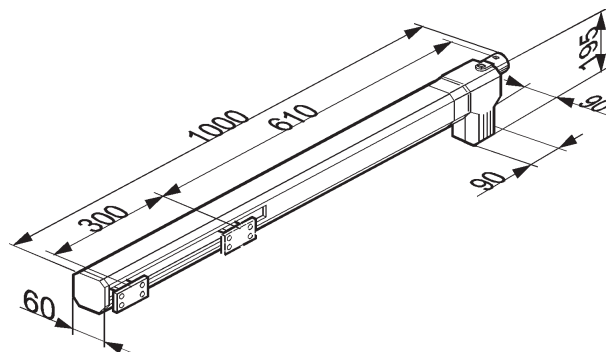
Power supply	230 Vac (+6% -10%) 50 (60) Hz
Absorbed power	280W
Absorbed current	1.5 A
Motor rotation speed	1.400 rpm
Rod extension speed	1.5 cm/s
Traction and thrust force	0÷320 daN
Thermal protection on motor winding	140°C
Operating ambient temperature	-20°C ÷ +55°C
Protection class	IP 44
Weight	6.5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

Model

Use

	Single leaf max length (m)	Use frequency (cycles/hour)
412	1.80	18

Dimensions



Values in mm

FAAC

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For the control panels, please refer to the relevant brochures