ATHOS AC A

New range of 230V electro-mechanical motors for swinging gates



BFT

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ATHOS AC A

New range of 230V electro-mechanical motors for swinging gates for residential use.

d-track

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er ready



Thanks to its structure composed by die-cast aluminum shells and high end materials, such as the worm gear and the bronze crown, the Athos motor range guarantees the maximum strength, reliability and lifespan.

Quick to be installed, Athos lets the maximum comfort, thanks to its high speed in opening and closing coupled to its silent operation.

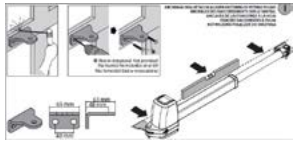
The motor is irreversible; the emergency opening is always easy thanks to the triangular key locking system.

ADVANTAGES



Compact design: Athos is designed to space saving and allows the maximum installation flexibility to be installed even in a niche.

Strength & robustness: thanks to its sturdy structure and to its high-end materials such as die-cast aluminum shells and bronze crown transmission, Athos guarantees the maximum strength, reliability and longer life span.



Ease of installation: front & rear brackets are aligned, so that the installation is easy & quick.



Maximum comfort: Athos motor can open in just 14 sec (without slow-down) (90° mod. AC A25)
or 16 sec. (90° mod. AC A40).

CONTROL PANEL

ALENA SW2: Control panel with slow-down, dip switches and potentiometers for one or two 230V 400W+400W, operators for swing gates.

D113811 00004 - ALENA SW2

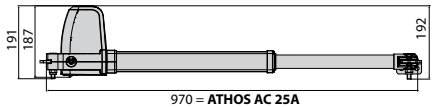


- Application: control panel for one or two operators for swing gates
- Operators power supply: 230V single-phase 400W max each operator
- Main features: programming of trimmer and dip-switch, removable terminal block with standard colouring, integrated radio receiver, remote controlled pedestrian opening. Soft opening and closing. Management of resistive safety edges 8K2/contact, management of verified safety devices, management of electronic locks, electronic control of motor torque, pressure surge when opening.
- Main functions: stays locked when closed, 3/4 step logic, partial opening, fast closing and self-diagnostics

TECHNICAL DATA

	ATHOS AC A25 AR	ATHOS AC A25 AL	ATHOS AC A40 AR	ATHOS AC A40 AL
Code	P935108 00002	P935109 00002	P935115 00002	P935116 00002
Control unit	ALENA SW2		ALENA SW2	
Board power supply	230 V		230 V	
Motor voltage	230 V		230 V	
Power consumption	280 W		280 W	
Max. width of door/gate wing (With slow down)	2,50 m		4 m	
Max. weight of door/gate wing (With slow down)	700 kg		400 kg	
Useful rod stroke	300 mm		400 mm	
Maximum angle	110 °		110 °	
Cycle time (Opening time 90°)	14 s		16 s	
Type of limit switch	work time		work time	
Slowdown	Yes		Yes	
Locking	Mechanical		Mechanical	
Release	Triangle key		Triangle key	
Impact reaction	Electronic clutch		Electronic clutch	
Frequency of use	Semi intensive		Semi intensive	
Protection rating	IP54		IP54	
Environmental conditions	-20 ÷ 55 °C		-20 ÷ 55 °C	

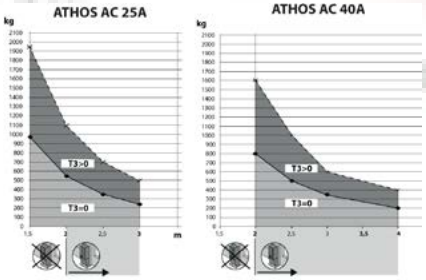
*All models are available in 120V.



970 = **ATHOS AC 25A**
1170 = **ATHOS AC 40A**



Cu max 300mm = **ATHOS AC 25A**
Cu max 400mm = **ATHOS AC 40A**



T3>0 Slow-down active
T3=0 Slow-down excluded

KIT



R935339 00002	ATHOS AC KIT A25 EU	Complete kit 230 V for swing gates up to 700 kg in weight and 2.5 m in length.
R935339 00005	ATHOS AC KIT A25 EXT EU	Complete kit 230 V for swing gates up to 700 kg in weight and 2.5 m in length.
R935344 00002	ATHOS AC KIT A40 EU	Complete kit 230 V for swing gates up to 400 kg in weight and 4 m in length.
R935344 00005	ATHOS AC KIT A40 EXT EU	Complete kit 230 V for swing gates up to 400 kg in weight and 4 m in length.
R935339 00001	ATHOS AC KIT A25 120V	Complete kit 120 V for swing gates up to 700 kg in weight and 2.5 m in length.
R935344 00001	ATHOS AC KIT A40 120V	Complete kit 120 V for swing gates up to 400 kg in weight and 4 m in length.

RECOMMENDED ACCESSORIES

	D113811 00004 - **ALENA SW2: ALENA SW 230V** ALENA SW2 230V control panel
	D113811 00003 - **ALENA SW2 120V** ALENA SW2 120V control panel
	D610180 - **CLS** Triangular release key l=52 mm
	N999724 - **PLE ATHOS** Anchor plate for welding the mountings to masonry pillars for ATHOS operators
	D111904 - **MITTO B RCB02 R1** Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
	D111013 - **ME** Control board for 12Vac solenoid lock for 230V automation systems
	P121022 - **Q.BO KEY WM** Key selector for outdoor use with double contact.
	P121023 - **Q.BO KEY WM AV** Vandalproof key selector with metal structure.
	P121024 - **Q.BO TOUCH** Wireless digital touch button panel 433 MHz rolling code.
	D121018 - **ECB VERTICALE** Vertical solenoid lock, 12/24 V

	P123001 00013 - **EBP 24** 24 V solenoid lock, with 230/24 V transformer installable in control panel
	P123001 00001 - **EBP** 230 V electric drop lock
	D114093 00002 - **RADIUS LED AC A R1** Flashing light with built-in antenna for 230V operators
	P123025 - **B 00 R02** Wall mounting for B LTA series flashing beacons
	P111782 - **COMPACTA A20-180** Pair of photocells adjustable 180° horizontally. Range 20m. Power suplly 12 - 33Vac / 15 - 35 Vdc
	P903028 - **PHP A** Pair of aluminium posts for COMPACTA series phptocells Height 522mm
	N190104 - **BIR C** Rubber safety edge (H 30 mm), price per m
	P111052 - **CM1700 - € 78,50** Mechanical safety edge, length 1.7 m
	P111053 - **CM2000** Mechanical safety edge, length 2 m
	P111401 00001 - **VENTIMIGLIA NS** Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard)

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