



Be ahead



# ATHOS AC A

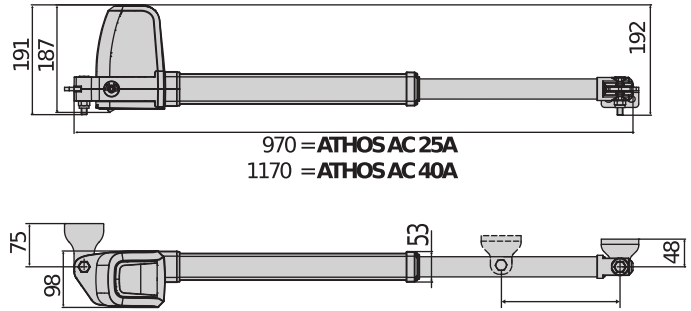




# ATHOS AC A



## Electromechanical automation systems for swing gates



Thanks to the structure made of die-cast aluminium shells and to the high quality materials, such as the worm screw transmission system and the bronze crown, the Athos operator range ensures maximum strength, reliability and resistance over time. Quick to install, Athos also ensures maximum comfort, thanks to fast opening and closing combined with extremely silent operation. Non-reversible operator for residential use; the emergency manoeuvre is always easy thanks to unlocking with triangular key.

### Relevant features





## Electromechanical automation systems for swing gates

### ADVANTAGES

**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.

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

**Maximum comfort:** Athos motor can open in just 14 sec (90° mod. AC A25) or 16 sec. (90° mod. AC A40).

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





## Electromechanical automation systems for swing gates

### ATHOS AC A

Code	Name		Description
P935108 00002	ATHOS AC A25 AR		Irreversible electromechanical operator 230 V for swing gates weighing up to 700 kg and 2.5 m long. Motor right.
P935109 00002	ATHOS AC A25 AL		Irreversible electromechanical operator 230 V for swing gates weighing up to 700 kg and 2.5 m long. Motor left.
P935115 00002	ATHOS AC A40 AR		Irreversible electromechanical operator 230 V for swing gates weighing up to 400 kg and 4 m long. Motor right.
P935116 00002	ATHOS AC A40 AL		Irreversible electromechanical operator 230 V for swing gates weighing up to 400 kg and 4 m long. Motor left.
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.
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.

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

##### D113811 00004 - ALENA SW2 - Recommended



- Application: control panel for one or two operators for swing gates
- Card power supply: 230 V single-phase
- 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 (only with electromechanical motor), management of resistive safety edges 8K2/contact, management of verified safety devices, management of electronic locks, electronic control of motor torque (only with electromechanical motor), pressure surge when opening.
- Main functions: stays locked when closed, 3/4 step logic, partial opening, fast closing and self-diagnostics
- Compatibility: ALTAIR and ARIES

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

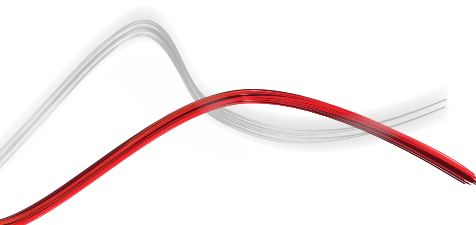




## Electromechanical automation systems for swing gates

### RECOMMENDED ACCESSORIES

	<p>D113811 00003 - <b>ALENA SW2 120V</b></p> <p>ALENA SW2 120V control panel</p>		<p>N999724 - <b>PLE ATHOS</b></p> <p>Anchor plate for welding the mountings to masonry pillars for ATHOS operators</p>
	<p>D610180 - <b>CLS</b></p> <p>Triangular release key l=52 mm</p>		<p>N190104 - <b>BIR C</b></p> <p>Rubber safety edge (H 30 mm), price per m</p>
	<p>P111401 00001 - <b>VENTIMIGLIA NS</b></p> <p>Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard)</p>		<p>D111013 - <b>ME</b></p> <p>Control board for 12Vac solenoid lock for 230V automation systems</p>
	<p>D121018 - <b>ECB VERTICALE</b></p> <p>Vertical solenoid lock, 12/24 V</p>		<p><b>new</b> D114093 00002 - <b>RADIUS LED AC A R1</b></p> <p>Flashing light with incorporated antenna for motors with power supply 230 V.</p>
	<p><b>new</b> D114094 00002 - <b>RADIUS LED AC A R0</b></p> <p>Flashing light without incorporated antenna for motors with power supply 230 V.</p>		<p>P123026 - <b>B 00 R01</b></p> <p>Metal guard for B LTA</p>
	<p>P123025 - <b>B 00 R02</b></p> <p>Wall mounting for B LTA series flashing beacons</p>		<p>D111904 - <b>MITTO B RC02 R1</b></p> <p>Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A</p>
	<p>P121022 - <b>Q.BO KEY WM</b></p> <p>Key selector for outdoor use with double contact.</p>		<p>P121023 - <b>Q.BO KEY WM AV</b></p> <p>Vandalproof key selector with metal structure.</p>
	<p>P121024 - <b>Q.BO TOUCH</b></p> <p>Wireless digital touch button panel 433 MHz rolling code.</p>		<p><b>new</b> P111782 - <b>COMPACTA A20-180</b></p> <p>Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc</p>
	<p><b>new</b> P903028 - <b>PHP A</b></p> <p>Pair of aluminium posts for THEA, DESME and COMPACTA series photocells Height 522 mm</p>		<p><b>new</b> R400009 - <b>KIT COMPACTA - PHP</b></p> <p>Kit complete with a pair of aluminum posts for photocells height 522mm and a pair of Compacta A20-180 photocells adjustable 180° horizontally, range 20m, power supply 12 – 33Vac / 15 – 35Vdc</p>





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### RECOMMENDED ACCESSORIES

	P123001 00001 - <b>EBP</b> 230 V electric drop lock		P123001 00013 - <b>EBP 24</b> 24 V solenoid lock, with 230/24 V transformer installable in control panel
	P111052 - <b>CM1700</b> Mechanical safety edge, length 1.7 m		P111053 - <b>CM2000</b> Mechanical safety edge, length 2 m





Electromechanical automation systems for swing gates

# What is U-Link?

The technology that gives you more power

U-Link, Universal Link, is an exclusive BFT platform that can be used to create high-tech ecosystems. In Home Access Automation, it can be used to communicate with all home access automation devices of any brand. This saves you time and allows you to control everything easily and without any worries.

## It is intuitive

Easy to install and to use

## It is scalable

You can add as many devices as you want

## It is flexible

It allows you to create groups of interconnected products

## It is practical

Works with or without an internet connection

## It is functional

Its settings can be controlled remotely using dedicated applications



## Electromechanical automation systems for swing gates

### Everything on one screen: find out more about this amazing technology

A world-exclusive platform that **can be used to create high-tech ecosystems** offering a vast range of solutions for many different sectors.

This proprietary platform which is a key feature of BFT products, thanks to the B-EBA cards and the Clonix U-Link receiver, is suitable for any protocol or product for access automation (including BFT products non-BFT ones and older versions) and it can be used in a variety of different sectors. This means any device becomes a smart device which can be interconnected with other systems, using a language that is becoming universal.



#### U-Control HOME

U-Control HOME is the application that allows you to open the gate to your home and to remotely control BFT automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.



#### U-Base 2

A software package for installation, performing maintenance and identifying any faults in the U-Link compatible operators, easily and conveniently.



#### U-SDK

U-SDK is the application which allows BFT automations to be made compatible and easily integrated with a BMS network.



#### Clonix U-Link

Connect non-native U-Link and non-BFT products to U-Link systems.

Is it possible to connect non-native U-Link BFT operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.



#### B-EBA

A direct link to your operators.

The B-EBA expansion cards make it possible to connect external devices such as PCs, smartphones and tablets to a BFT operator and a Clonix receiver or to connect multiple BFT products in a U-Link network. These accessories integrate with U-Link technology and with Bluetooth, Wifi, Z-Wave and TCP/IP protocols as well as with the RS485 serial interface. A device that demonstrates exactly what BFT means by interconnectivity.

