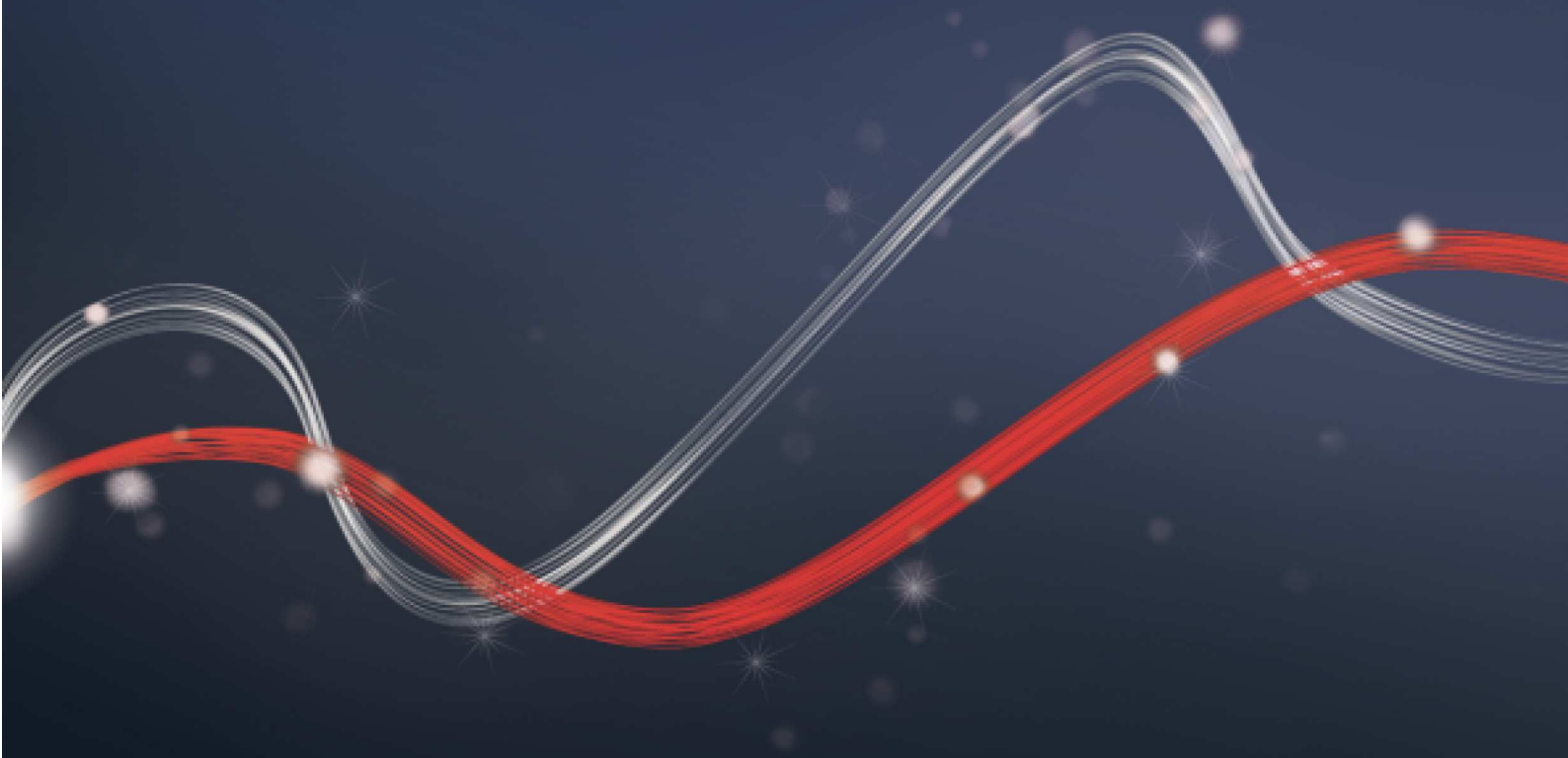
Be ahead

HOME
ACCESS AUTOMATION

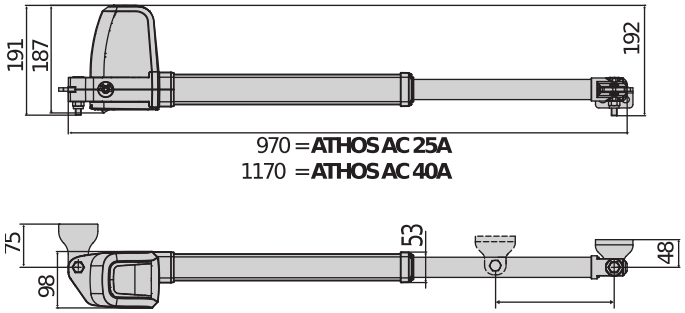
ATHOS AC A



ATHOS AC A

Electromechanical automation systems for swing gates



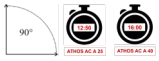


Thanks to the structure made of die-cast aluminium shells and to the high quality materials, such as the worm screw transmission system and the bronze crown, the Athos operator range ensures maximum strength, reliability and resistance over time.
Quick to install, Athos also ensures maximum comfort, 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.

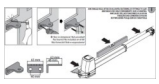
Relevant features



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



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



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



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

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

	N999724 - **PLE ATHOS** Anchor plate for welding the mountings to masonry pillars for ATHOS operators		D610180 - **CLS** Triangular release key l=52 mm
	N190104 - **BIR C** Rubber safety edge (H 30 mm), price per m		P111401 00001 - **VENTIMIGLIA NS** Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard)
	D111013 - **ME** Control board for 12Vac solenoid lock for 230V automation systems		D121018 - **ECB VERTICALE** Vertical solenoid lock, 12/24 V
	new D114093 00002 - **RADIUS LED AC A R1** Flashing light with incorporated antenna for motors with 230 V power supply.		P111782 - **COMPACTA A20-180** Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.
	Ph. Out P123001 00001 - **EBP** Electric lock 220-230V 50/60Hz with zero stop resistance		P111052 - **CM1700** Mechanical safety edge, length 1.7 m
	P111053 - **CM2000** 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.



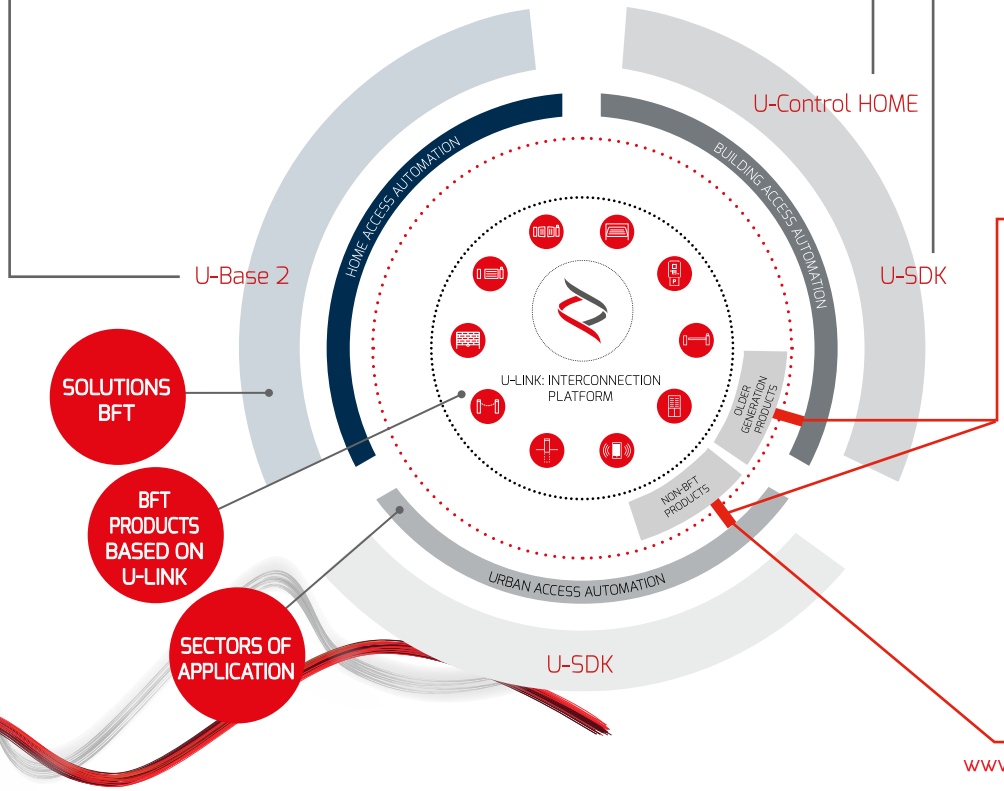
U-Base 2

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.







INFORMATION REGARDING THE PROTECTION OF THE INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHTS OF BFT. BFT S.p.A. protects its industrial property by depositing trademarks, patents, models and designs. The intellectual property of BFT S.p.A. is protected by copyright law. BFT S.p.A. also protects its know-how by taking measures to protect the technical and commercial information inherent in its company and products. All the products in this catalogue are ORIGINAL BFT MODELS and only BFT S.p.A is authorised to produce them and market them anywhere in the world. All the commercial names in this catalogue are owned by BFT S.p.A., and only BFT S.p.A. is authorised to use them in relation to the corresponding merchandise category. FALSIFIERS WILL BE PROCEEDED AGAINST IN ACCORDANCE WITH BOTH CIVIL AND CRIMINAL LAW. THESE CONDITIONS NOT ONLY GUARANTEE THE INTELLECTUAL PROPERTY RIGHTS OF BFT, BUT ALSO PROTECT CUSTOMERS BY GUARANTEEING THAT THE PRODUCTS THEY ARE PURCHASING ARE ORIGINAL BFT PRODUCTS RESULTING FROM STUDIES AND DESIGNS WITHIN THE BFT COMPANY.