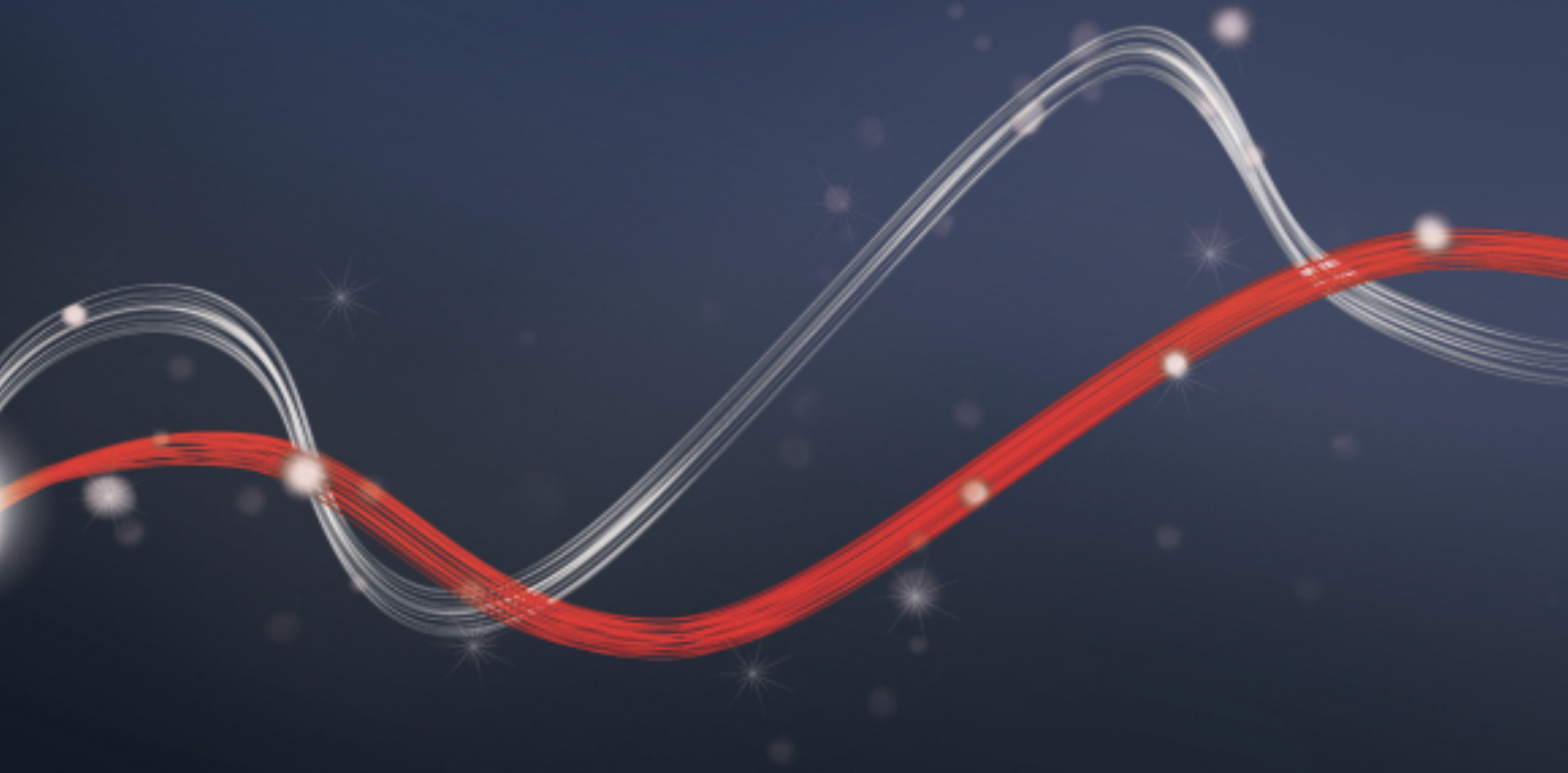




Be ahead



# PHOBOS AC A



## Product

• ADVANTAGES  
• PLUS

• CONTROL UNIT  
• TECHNICAL FEATURES

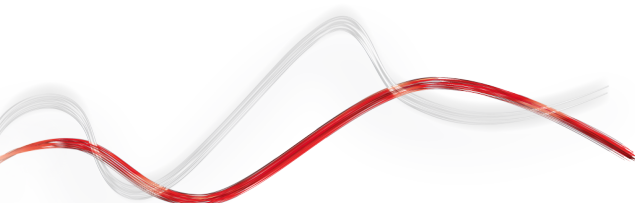
• ACCESSORIES

• DISCOVER U-LINK



## PHOBOS AC A

Code	Name		Description
P935098 00002	PHOBOS AC A25		Irreversible electromechanical operator 230 V for swing gates weighing up to 400 kg and 2.5 m long.
P935097 00002	PHOBOS AC A50		Irreversible electromechanical operator 230 V for swing gates weighing up to 500 kg and 5 m long.
P935097 00001	PHOBOS AC A50 120		Electromechanical operator 230 V for swing gates up to 500 kg in weight and 5 m in length.
R935304 00003	PHOBOS AC KIT A25 FRA		Complete kit 230 V for sliding gates up to 400 kg in weight and 2.5 m in length.
R935305 00003	PHOBOS AC KIT A50 FRA		Complete kit 230 V for sliding gates up to 500 kg in weight and 5 m in length.



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## ADVANTAGES

**Simplified and intuitive wiring:** the new ALENA control units have standardized and colourful terminal blocks for a maximum ease of connection of operators and accessories.

**Fast and practical installation:** new PHOBOS AC A operators are designed to allow a quick and easy installation thanks to a series of important measures such as the magnetic locking pin.

## PLUS



**Magnetic pin:** an exclusive feature of Bft operators enabling quicker installation steps, making them easier and always ensuring correct rear locking of the operator

• Product

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## ALENA ACL2

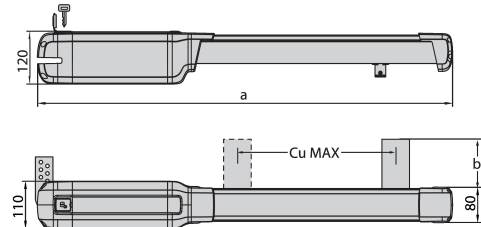
Control panel for one or two 230V/300W operators for swing gates and industrial folding doors



### ALENA ACL2 D113811 00002

- Application: control panel for one or two operators for swing gates
- Board power supply: 230V single-phase
- Operators power supply: 230V single-phase 300W max each operator
- Main features: removable terminal blocks, programming with dip switch and trimmer and built-in dual channel receiver
- Main functions: stays locked when closed, 3/4 step logic, partial opening, fast closing and self-diagnostics
- Compatibility: ALTAIR and ARIES

	PHOBOS AC A25	PHOBOS AC A50
Gate leaf length	2.5 m	5 m
Max Leaf	400 kg	500 kg
Power supply	230 V	230 V
Power input	210 W	210 W
Frequency of use	semi-intensive	semi-intensive
Control unit	ALENA ACL2	
Board power supply	230 V	230 V
Useful rod stroke	350 mm	460 mm
Maximum angle	120 °	129 °
Cycle time	14 sec	18 sec
Type of limit switch	work time	
Slowdown	no	no
Locking	mechanical	mechanical
Release	personal key	personal key
Impact reaction	electric clutch	
Environmental conditions	from -20 °C to 55 °C	
Protection rating	IP X4	



	a	b	Cu MAX
Phobos BT A25 - Phobos AC A25	850	72,5	290
Phobos BT A40 - Phobos AC A40	960	108	400

• Product

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	Code	Name	Description
	D113693 00003	<b>RIGEL 5</b>	Universal control panel for one or two 230V operators - 600+600W
	D610180	<b>CL5</b>	Triangular release key l=52mm
	N190104	<b>BIR C</b>	Rubber safety edge (H 30 mm), price per m
	P111401 00001	<b>VENTIMIGLIA NS</b>	Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard)
	D111013	<b>ME</b>	Control board for 12Vac solenoid lock for 230V automation systems
	D121018	<b>ECB VERTICALE</b>	Vertical solenoid lock, 12-24V
	D730178	<b>PLE</b>	Anchor plate for welding the mountings to masonry pillars for LUX and PHOBOS N operators
	N733427	<b>ARB PHOBOS N</b>	Pair of front and rear adjustable brackets for PHOBOS N operator - PHOBOS N BT
	N733428	<b>ARB PHOBOS N L</b>	Pair of front and rear adjustable brackets for PHOBOS NL - ARB PHOBOS NL operator
	D113748 00002	<b>RADIUS B LTA 230 R1</b>	Flashing light with incorporated antenna for motors with power supply 230 V.
	D113749 00002	<b>RADIUS B LTA 230 R2</b>	Flashing light without incorporated antenna for motors with power supply 230 V.
	P123026	<b>B 00 R01</b>	Metal guard for B LTA
	P123025	<b>B 00 R02</b>	Wall mounting for B LTA series flashing beacons
	D111904	<b>MITTO B RCB02 R1</b>	Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

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	Code	Name		Description
	P121022	Q.BO KEY WM		Key selector for outdoor use with double contact.
	P121023	Q.BO KEY WM AV		Vandalproof key selector with double contact, for outdoor use. Metal structure.
	P111526	DESME A15		Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.
	P121024	Q.BO TOUCH		Wireless digital touch button panel 433Mhz rolling code.
	P903018	PHP		Pair of aluminium posts for THEA/DESME series photocells Height 522 mm
	N999405	CABLE N		-
	D831081	CMS		Sign

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## What is U-Link?

The innovative technology that gives you new power

An exclusive Bft innovation: U-Link (Universal Link) is an exclusive Bft platform that allows the creation of technological ecosystems. In Home Automation Access, it allows communication with all the home access automation devices of any brand. So you save time and can control everything with ease, without any worries.

### It is intuitive

Easy to install and use

### It is scalable

Allows an unlimited number of devices to be added

### It is flexible

Allows the creation of groups of interconnected products

### It is practical

Works with or without a web connection

### It is functional

Parameters can be controlled remotely via dedicated applications

- Product
- ADVANTAGES PLUS
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## All in one scheme: discover this amazing technology

A unique platform allowing the creation of technological ecosystems offering a wide range of solutions for different sectors.

Thanks to the B-Eba cards and the Clonix U-Link receiver, this proprietary platform featured by Bft products adapts to any protocol and access automation product (even non-Bft and old generation), and is used in various sectors.

Each device thus becomes smart and can be interconnected with other systems, thanks to a language that becomes universal.

### U-Base 2



Software to install, easily and comfortably carry out maintenance and identify any malfunction of U-link compatible operators.

### U-SDK



U-SDK is the innovative application that can make Bft automation systems compatible and easily integrated with a BMS network for the supervision of buildings.



### Magistro

An innovative and easy to install system for easily managing all the home automation.



### U-Control

U-Control is the application that helps the simple and quick integration of BFT automations in large building management systems.



### Blue-Entry

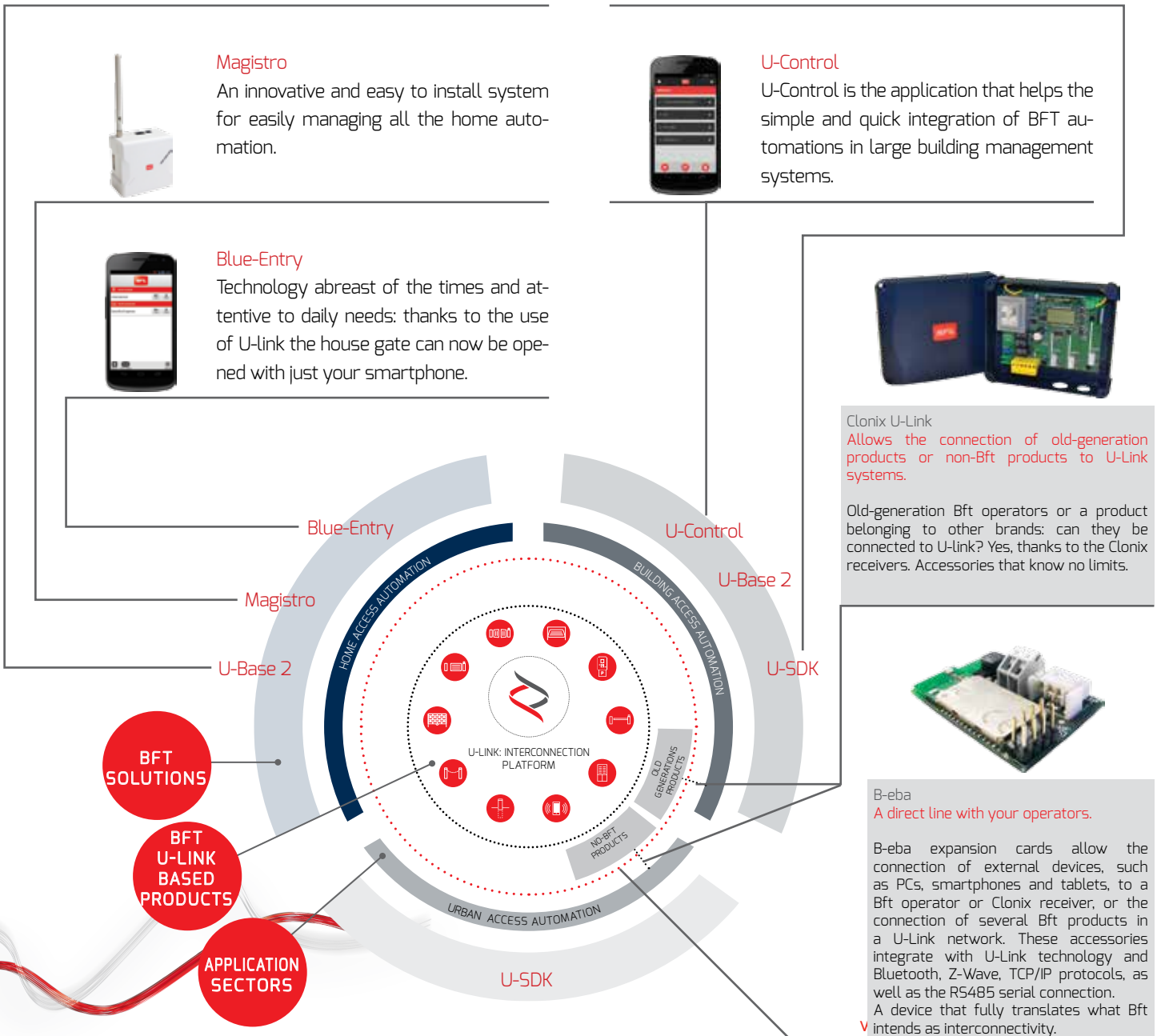
Technology abreast of the times and attentive to daily needs: thanks to the use of U-link the house gate can now be opened with just your smartphone.



### Clonix U-Link

Allows the connection of old-generation products or non-Bft products to U-Link systems.

Old-generation Bft operators or a product belonging to other brands: can they be connected to U-link? Yes, thanks to the Clonix receivers. Accessories that know no limits.



### B-Eba

A direct line with your operators.

B-eba expansion cards allow the connection of external devices, such as PCs, smartphones and tablets, to a Bft operator or Clonix receiver, or the connection of several Bft products in a U-Link network. These accessories integrate with U-Link technology and Bluetooth, Z-Wave, TCP/IP protocols, as well as the RS485 serial connection.

A device that fully translates what Bft intends as interconnectivity.



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