

## Product

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 5 metres wide and weighing up to 500 kg.

Code		
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.



### 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

## 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

## Technical features

	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	work time
Slowdown	no	no
Locking	mechanical	mechanical
Release	personal key	personal key
Impact reaction	electric clutch	electric clutch
Environmental conditions	from -20 °C to 55 °C	
Protection rating	IP X4	

## ACCESSORIES

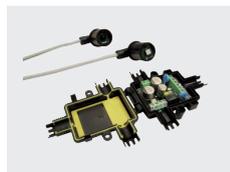


**RIGEL 5 - D113693 00003**  
 Universal control panel for one or two 230V operators - 600+600W



**BIR C - N190104**  
 Rubber safety edge (H 30 mm), price per m

## ACCESSORIES



**VENTIMIGLIA NS - P111401 00001**  
Infrared device for BIR C or BAR C safety edges (conforms to EN 12978 Standard)



**ME - D111013**  
Control board for 12Vac solenoid lock for 230V automation systems



**ECB VERTICALE - D121018**  
Vertical solenoid lock, 12-24V



**PLE - D730178**  
Anchor plate for welding the mountings to masonry pillars for LUX and PHOBOS N operators



**ARB PHOBOS N - N733427**  
Front and rear adjustable bracket for PHOBOS N, PHOBOS N BT operator



**ARB PHOBOS N L - N733428**  
Front and rear adjustable bracket for PHOBOS NL, PHOBOS NL BT operator



**RADIUS B LTA 230 R1 - D113748 00002**  
Flashing light with incorporated antenna for motors with power supply 230 V.  
Flashing beacon with built-in antenna for 230V motors



**RADIUS B LTA 230 R2 - D113749 00002**  
Flashing light without incorporated antenna for motors with power supply 230 V.  
Flashing beacon without built-in antenna for 230V motors



**B 00 R01 - P123026**  
Metal guard for B LTA



**B 00 R02 - P123025**  
Wall mounting for B LTA series flashing beacons



**Mitto B Rcb02 R1 - D111904**  
Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A



**Q.BO KEY WM - P121022**  
Key selector for outdoor use with double contact.

## ACCESSORIES



**Q.BO KEY WM AV - P121023**  
Vandalproof key selector with metal structure. Vandalproof key selector with double contact, for outdoor use. Metal structure.



**DESME A15 - P111526**  
Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc. Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.



**Q.BO TOUCH - P121024**  
Wireless digital touch button panel 433Mhz rolling code.



**PHP - P903018**  
Pair of aluminium posts for THEA/DESME series photocells Height 522 mm



**CABLE N - N999405**  
Control unit connecting cable for PHOBOS N/PHOBOS NL. Coil of 100 m



**CMS - D831081**  
Sign