



Be ahead



# PHOBOS AC A

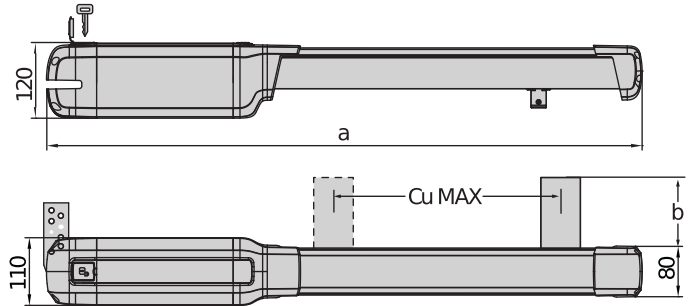




# PHOBOS AC A

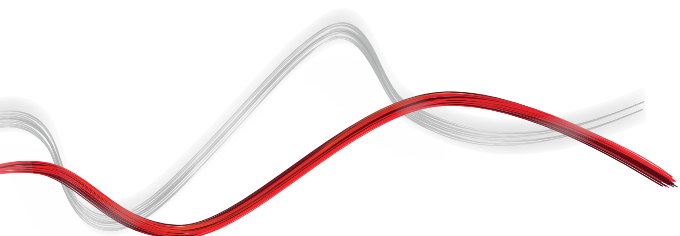


## Electromechanical automation systems for swing gates



|                      | a   | b    | Cu MAX |
|----------------------|-----|------|--------|
| <b>Phobos BT A25</b> | 850 | 72,5 | 290    |
| <b>Phobos BT A40</b> | 960 | 108  | 400    |
| <b>Phobos AC A25</b> | 850 | 72,5 | 350    |
| <b>Phobos AC A40</b> | 960 | 108  | 460    |

Complete range of electro-mechanical pistons for residential use, suitable for swing gates up to 5 metres in length and up to 500 kg in weight. Simplified and intuitive wiring: the new ALENA control units allow slowdowns, are equipped with standardised and coloured terminal blocks for the simple connection of operators and accessories.





## Electromechanical automation systems for swing gates

### PHOBOS AC A

| Code             | Ci      | Name                  |  | Description   |
|------------------|---------|-----------------------|--|---|
| P935098<br>00002 | 2600866 | PHOBOS AC A25         |  | Irreversible electromechanical operator 230 V for swing gates weighing up to 400 kg and 2.5 m long. Working time limit switch |
| P935098<br>00001 | 2611758 | PHOBOS AC A25 120 V   |  | Irreversible electromechanical operator 120 V for swing gates weighing up to 400 kg and 2.5 m long. Working time limit switch |
| P935097<br>00002 | 2600541 | PHOBOS AC A50         |  | Irreversible electromechanical operator 230 V for swing gates weighing up to 500 kg and 5 m long. Working time limit switch   |
| P935097<br>00001 | 2611757 | PHOBOS AC A50 120V    |  | Irreversible electromechanical operator 120 V for swing gates weighing up to 500 kg and 5 m long. Working time limit switch   |
| R935304<br>00003 | 2600887 | PHOBOS AC KIT A25 FRA |  | Complete kit 230 V for swing gates up to 400 kg in weight and 2.5 m in length. Working time limit switch                      |
| R935305<br>00003 | 2600888 | PHOBOS AC KIT A50 FRA |  | Complete kit 230 V for swing gates up to 500 kg in weight and 5 m in length. Working time limit switch                        |

#### RIGEL 6 220-230V 50/60HZ: Universal control panel with display for one or two 230V - 650+650W operators

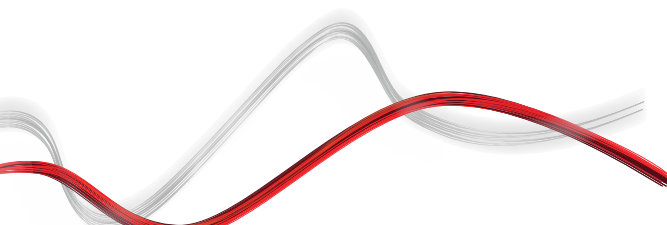


##### Cp D113833 00002 - Ci 2600589 - RIGEL 6 220-230V 50/60HZ - Recommended



- Universal control panel with display for one or two 230V - 650+650W operators
- Application: universal control panel for one or two operators
- Card power supply: 230 V single-phase
- Operators power supply: 230V single-phase
- Main features: removable terminal blocks, programming and diagnostics with display, built-in four-channel receiver, electro lock, electronic torque limiter, electronic deceleration at opening and closing, a separate limit switch inputs for each motor, traffic light management, preheating hydraulic operators, weekly timer, possibility to delete a specific remote control, customization of the 4 radio channels, personalization of the duration of the delayed output, adjustable sensitivity to the obstacle.
- Main functions: automatic re-closing, separate motor working times, stays locked when closed, water hammer, 2/3/4 step logic, partial opening, fast closing, separate opening and closing
- Compatibility: RIGEL 5 - RIGEL 4 - RIGEL 3 - RIGEL N

|  | PHOBOS AC A25      | PHOBOS AC A25 120 V | PHOBOS AC A50      | PHOBOS AC A50 120V |
|--|--------------------|---------------------|--------------------|--------------------|
| Control unit   | RIGEL 6, ALENA SW2 | ALENA SW2           | RIGEL 6, ALENA SW2 | ALENA SW2          |
| Board power supply   | 230 V              | 230 V               | 230 V              | 230 V              |
| Motor voltage  | 230 V              | 120 V               | 230 V              | 120 V              |
| Power consumption  | 210 W              | 210 W               | 210 W              | 210 W              |
| Max. width of door/gate wing   | 2,5 m              | 2,5 m               | 5 m                | 5 m                |
| Max. weight of door/gate wing  | 400 kg             | 400 kg              | 500 kg             | 500 kg             |
| Useful rod stroke  | 350 mm             | 350 mm              | 460 mm             | 460 mm             |
| Maximum angle  | 120 °              | 120 °               | 129 °              | 129 °              |
| Movement time (90°, excluding slowdown, with maximum gate size and weight) | approx, 18 s       | approx, 18 s        | approx, 22 s       | approx, 22 s       |
| Type of limit switch   | work time          | work time           | work time          | work time          |
| Slowdown   | Yes                | Yes                 | Yes                | Yes                |
| Locking  | Mechanical         | Mechanical          | Mechanical         | Mechanical         |
| Release  | Personal key       | Personal key        | Personal key       | Personal key       |
| Impact reaction  | Electronic clutch  | Electronic clutch   | Electronic clutch  | Electronic clutch  |
| Frequency of use   | Semi intensive     | Semi intensive      | Semi intensive     | Semi intensive     |
| Protection rating  | IPX4               | IPX4                | IPX4               | IPX4               |
| Environmental conditions   | -20 ÷ 55 °C        | -20 ÷ 55 °C         | -20 ÷ 55 °C        | -20 ÷ 55 °C        |





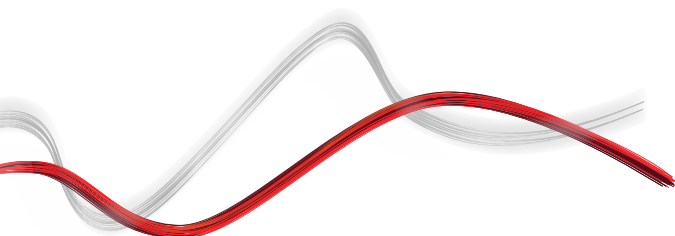
## Electromechanical automation systems for swing gates

### VITAL ACCESSORIES

|  |   |  |   |
|--|---|--|---|
|  | <p><b>Cp</b> D113811 00004 - <b>Ci</b> 2607514<br/> <b>ALENA SW2</b></p> <p>Control panel with slow-down, dip switches and potentiometers for one or two 230V 400W+400W, operators for swing gates and industrial folding doors</p> |  | <p><b>Cp</b> D113811 00003 - <b>Ci</b> 2607513<br/> <b>ALENA SW2 120V</b></p> <p>ALENA SW2 120V control panel</p> |
|--|---|--|---|

### RECOMMENDED ACCESSORIES

|  |  |  |   |
|--|--|--|---|
|  | <p><b>Cp</b> N733427 00001 - <b>Ci</b> 2610951<br/> <b>ARB PHOBOS 25</b></p> <p>Adjustable front mounting bracket, Phobos A 25</p>   |  | <p><b>Cp</b> N733428 00001 - <b>Ci</b> 2610952<br/> <b>ARB PHOBOS 40</b></p> <p>Adjustable front mounting bracket, Phobos A 40</p>  |
|  | <p><b>Cp</b> N735002 - <b>Ci</b> 2601324<br/> <b>SFR B</b></p> <p>Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7)</p>                                     |  | <p><b>Cp</b> N735003 - <b>Ci</b> 2601367<br/> <b>SFR-L B</b></p> <p>Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7)</p>                                     |
|  | <p><b>Cp</b> N735002 00001 - <b>Ci</b> 2601273<br/> <b>SFR B - COMPLETE</b></p> <p>Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7), with flat bracket</p> |  | <p><b>Cp</b> N735003 00001 - <b>Ci</b> 2601392<br/> <b>SFR-L B - COMPLETE</b></p> <p>Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7), with flat bracket</p> |
|  | <p><b>Cp</b> D730178 - <b>Ci</b> 2600090<br/> <b>PLE</b></p> <p>Anchor plate for attaching the rear mountings to masonry pillars for LUX, ORO, and PHOBOS operators.</p>                   |  | <p><b>Cp</b> D114093 00002 - <b>Ci</b> 2607538<br/> <b>RADIUS LED AC A R1</b></p> <p>Flashing light with incorporated antenna for motors with 230 V power supply.</p>                       |
|  | <p><b>Cp</b> P111782 - <b>Ci</b> 2601411<br/> <b>COMPACTA A20-180</b></p> <p>Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.</p>        |  | <p><b>new</b> <b>Cp</b> N998613 - <b>Ci</b> 2613836<br/> <b>AMIP</b></p> <p>PHOBOS built-in mechanical stops.</p>   |
|  | <p><b>new</b> <b>Cp</b> P123032 00001 - <b>Ci</b> 2613516<br/> <b>EBP AC A 230V 50/60HZ</b></p> <p>230V vertical electric lock.</p>  |  | <p><b>new</b> <b>Cp</b> P123032 00002 - <b>Ci</b> 2613517<br/> <b>EBP AC A 120V 50/60Hz</b></p> <p>120V vertical electric lock.</p>   |





Electromechanical automation systems for swing gates

# EasyAXS

EASY CONNECT. EASY ACCESS.



The new connectivity solution which boosts the potential of BFT products and services to make access automations smarter and easier to use for both installers and end users.





Electromechanical automation systems for swing gates

## EASY TO CONNECT

WIFI MODULE



→ 10/15 metres

WIFI MODULE + ANTENNA



→ 20/25 metres

MOBILE MODULE + ANTENNA + SIM



→ ∞



**PLUG&PLAY  
INSTALLATION**



**ALWAYS  
CONNECTED**



**EVEN MORE  
CONNECTIVITY**



**EASY TO SET UP  
FOR INSTALLERS**



**EASY TO CONTROL  
FOR CUSTOMERS**





Electromechanical automation systems for swing gates



# U-LINK 2.0

AN UPDATED VERSION OF  
**U-LINK** TO GIVE YOU EVEN  
MORE FUNCTIONALITY



## Scalable

You can add as many devices as you want



## Intuitive

Easy to install and to use



## Functional

Settings can be controlled and firmware updated remotely using dedicated applications



## Practical

Works with or without an internet connection



## Flexible

It allows you to create groups of interconnected products

**U-Link**, the exclusive **BFT** technology platform has evolved to offer improved interaction with the latest generation of technological ecosystems. Its ability to interface with all home access automation access devices has been expanded, meaning it is now a very useful tool for installers. It is also a faster communication protocol with increased security for communicating information.

It allows you to save even more time, checking everything very easily and giving you even more peace of mind.



Electromechanical automation systems for swing gates

# **-SECURITY**

## A NEW AND EVEN MORE SECURE RADIO PROTOCOL



→ **Secure**  
By transmitting data protected by a cryptographic key

**U-Security** is the new technology from **BFT** which incorporates encrypted rolling code thanks to the encryption key which masks the remote control code, meaning that it is impossible to clone a BFT remote control using another brand's model.

The functions of the **Er Ready** system are incorporated and a new procedure is also available for programming remote controls by scanning a QR CODE and using a special app. All products featuring this technology are **REPLAY**, so they can transmit the code to another BFT remote control using a combination of keys.



→ **Easy**  
Pairing a remote control with a receiver can be done easily by scanning the QR code and using the dedicated app



→ **Universal**  
The radio protocol is also compatible with the previous generation of receivers





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