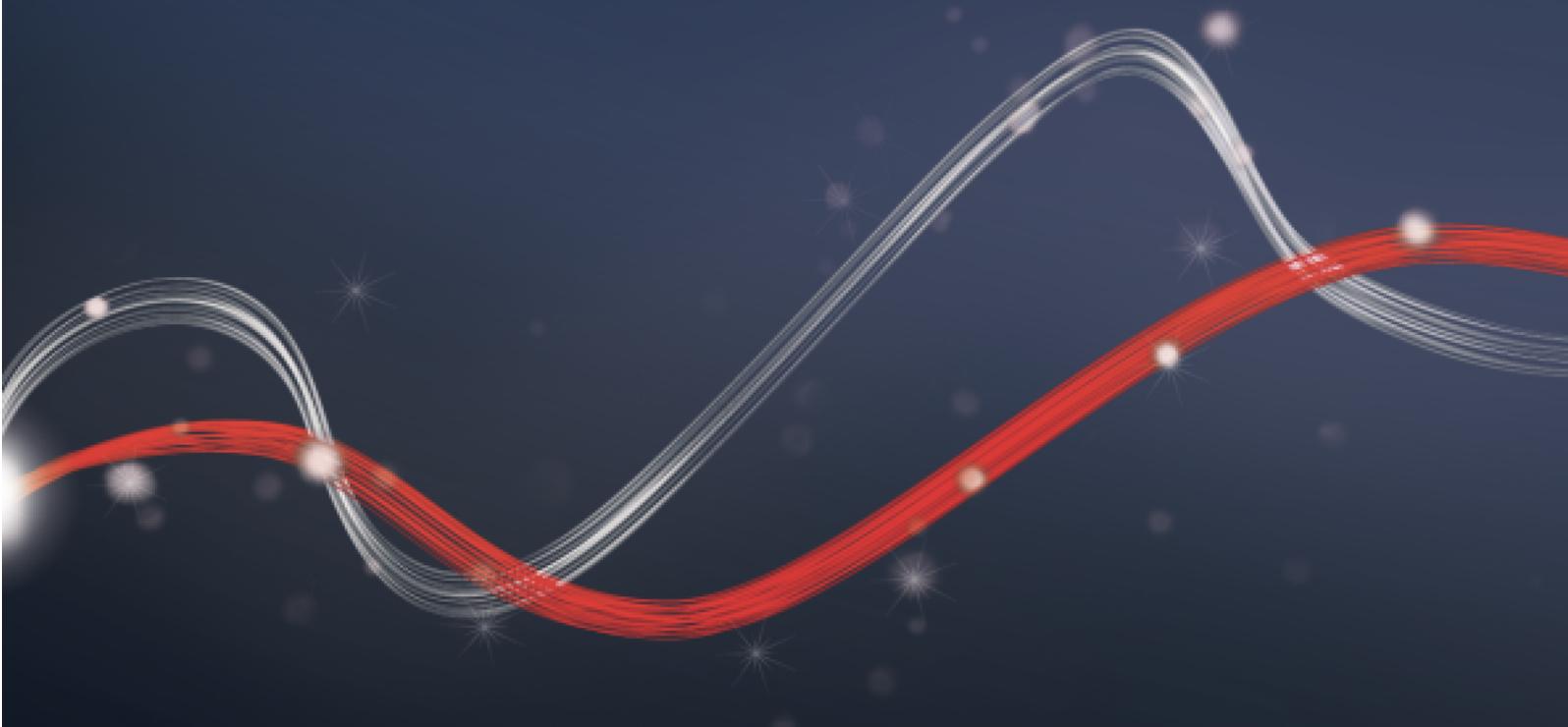




Be ahead



# PHOBOS BT B

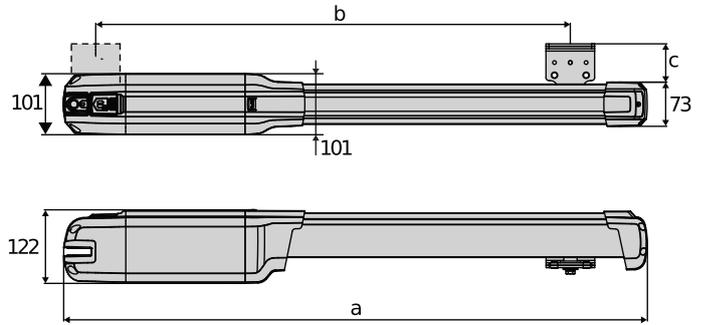




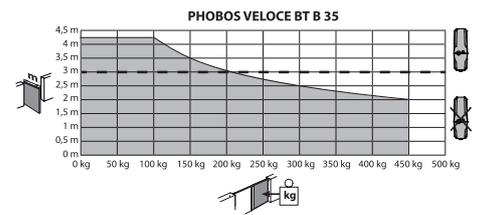
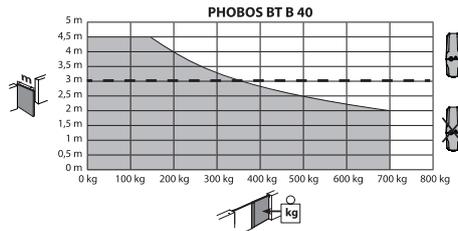
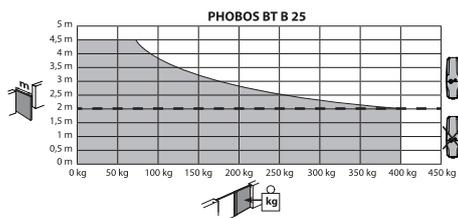
# PHOBOS BT B



## Electromechanical automation systems for swing gates



	a	b	c
<b>PHOBOS BT B 25</b>	810	Cu MAX 360	63
<b>PHOBOS BT B 40</b>	960	Cu MAX 470	96
<b>PHOBOS BT B 35 VELOCE</b>	960	Cu MAX 470	96



Full range of electromechanical pistons for residential and collective use suitable for swing gates to 4 metres long and weighing up to 700 kg. Obstacle detection: the management and control system of the D-Track pair maximises safety for people and property, as well as facilitating certification of the system. Installation is easy and fast thanks to the magnetic limit switch at the top of the motor and the exclusive function that helps the installer to position it correctly using the motor's vibration.

### Relevant features



Thanks to its opening speed, PHOBOS BT B VELOCE dramatically reduces waiting times and frees up the road as quickly as possible, making entry to the property safer. Thanks to its closing speed, the gate is quickly closed, reducing the risk of intrusion.



## Electromechanical automation systems for swing gates



### Relevant features



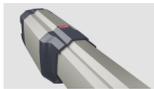
**24 V**

The 24 V technology and electronic control help to keep people safe from impacts without a need for supplementary safety devices.

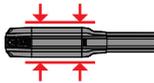


**d-track**

The exclusive D-Track technology increases the safety of the automation by ensuring the thrust applied is the minimum necessary to ensure movement and permits adaptive control of the force according to changes in usage and environmental conditions, reducing maintenance operations as a result.



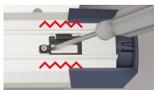
Exclusive Hi-Tech design in line with current style trends



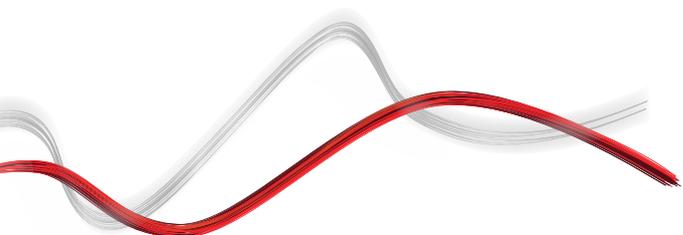
One of the most compact operators on the market, it is versatile for use in a wide range of installation conditions, even with limited space or thick pillars.



The exclusive Easy Set App helps the installer to define the correct installation positions to achieve the required opening angle and fluid movement.



The limit switches positioned at the top of the motor are easy to adjust thanks to the exclusive vibration or flashing light feedback function (patented).





Electromechanical automation systems for swing gates



## PHOBOS BT B

Code	Ci	Name	Description
P935129 00002	2614565	PHOBOS BT B25	 Irreversible electromechanical operator 24 V for swing gates weighing up to 400 kg and 3 m long. Magnetic limits at the top.
P935130 00002	2614566	PHOBOS BT B40	 Irreversible electromechanical operator 24 V for swing gates weighing up to 700 kg and 4 m long. Magnetic limits at the top.
P935131 00002	2614567	PHOBOS BT B35 VELOCE	 Irreversible electromechanical operator 24 V for swing gates weighing up to 450 kg and 3 m long. Movement time reduced.
R935358 00003	2614857	PHOBOS BT B25 SMART KIT INT	 Complete kit 24 V for swing gates up to 400 kg in weight and 3 m in length. Magnetic limits at the top.
R935359 00003	2614861	PHOBOS BT B40 SMART KIT INT	 Complete kit 24 V for swing gates up to 700 kg in weight and 4 m in length. Magnetic limits at the top.
R935360 00003	2614868	PHOBOS VELOCE BT B35 SMART KIT INT	 Complete kit 24 V for swing gates up to 450 kg in weight and 3 m in length. Magnetic limits at the top.

**THALIA BT A80 DUO: Control panel for one or two 24V operators for swing gates, for highly complex systems.**



**Cp D114215 00002 - Ci 2614324 - THALIA BT A80 DUO - Recommended**



- Control panel for one or two 24V operators for swing gates, for highly complex systems.
- Application: control panel for one or two 24V operators for swing gates
- Card power supply: 230 V single-phase
- Operators power supply: 24Vdc 240W max each operator
- Main features: removable terminal blocks with new standard colour-coding, simplified scenario-based programming with display and incorporated receiver, D-Track anti-crushing system, slowdown during opening and closing and electronic self-learning
- Main features: automatic closing, rapid closing, partial opening, operation with deadman feature, direct connection powered solenoid lock and electromagnet, direct connection edge 8K2.
- Compatibility: LIBRA C MA, LIBRA C LX, LIBRA, LIBRA R, LIBRA MA R

	PHOBOS BT B25	PHOBOS BT B40	PHOBOS BT B35 VELOCE
Board power supply	230 V	230 V	230 V
Control unit	THALIA BT A80, ZARA BT A80	THALIA BT A80, ZARA BT A80	THALIA BT A80, ZARA BT A80
Operator type	electromechanically operated swing gates	electromechanically operated swing gates	electromechanically operated swing gates
Operator weight	4,8 kg	5,2 kg	5,2 kg
Max. width of door/gate wing	3 m	4 m	3 m
Max. length gate panel without electric lock	2 m	3 m	2,5 m
Max. weight of door/gate wing	400 kg	700 kg	450 kg
Motor voltage	24 V	24 V	24 V
Power consumption	40 W	40 W	50 W
Thrust and traction force	2000 N	2000 N	1300 N
Useful rod stroke	360 mm	470 mm	470 mm
Maximum angle	119 °	130 °	130 °
Movement time (90°, excluding slowdown, with maximum gate size and weight)	approx, 13 s	approx, 16 s	approx, 10 s
Type of limit switch	Magnetic	Magnetic	Magnetic
Slowdown	Yes	Yes	Yes
Impact reaction	D-Track	D-Track	D-Track
Locking	Mechanical	Mechanical	Mechanical
Release	Personal key	Personal key	Personal key



# PHOBOS BT B



## Electromechanical automation systems for swing gates



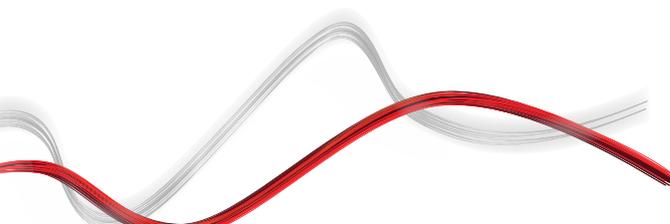
	PHOBOS BT B25	PHOBOS BT B40	PHOBOS BT B35 VELOCE
Max. opening cycles per hour	30	30	25
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 55 °C	-20 ÷ 55 °C
Protection rating	IP44	IP44	IP44

## VITAL ACCESSORIES

	 <b>new</b> <b>Cp</b> D114218 00002 - <b>Ci</b> 2614325 <b>ZARA BT A80</b>				
Control panel with dip switches and potentiometers for one or two 24V operators for swing gates.					

## RECOMMENDED ACCESSORIES

	<b>new</b> <b>Cp</b> P111821 - <b>Ci</b> 2614326 <b>EBD</b>		<b>new</b> <b>Cp</b> P111822 - <b>Ci</b> 2614334 <b>EBT</b>
Inputs and outputs expansion card for Thalia BT A card. Includes two command inputs and four non-programmable security inputs.		Input and output expansion card for ZARA BT A. Includes two outputs, two command inputs and four non-programmable security inputs.	
	<b>new</b> <b>Cp</b> N335008 - <b>Ci</b> 2614979 <b>APSP</b>		<b>new</b> <b>Cp</b> N735002 - <b>Ci</b> 2601324 <b>SFR B</b>
Adapter kit for PHOBOS BT A bracket.		Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7)	
	<b>new</b> <b>Cp</b> N735003 - <b>Ci</b> 2601367 <b>SFR-L B</b>		<b>new</b> <b>Cp</b> N735002 00001 - <b>Ci</b> 2601273 <b>SFR B - COMPLETE</b>
Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7)		Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7), with flat bracket	
	<b>new</b> <b>Cp</b> N735003 00001 - <b>Ci</b> 2601392 <b>SFR-L B - COMPLETE</b>		<b>Cp</b> D730178 - <b>Ci</b> 2600090 <b>PLE</b>
Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7), with flat bracket		Anchor plate for attaching the rear mountings to masonry pillars for LUX, ORO, and PHOBOS operators.	
	<b>new</b> <b>Cp</b> P125052 - <b>Ci</b> 2614986 <b>BBT BAT CBOX DUO</b>		<b>Cp</b> D114168 00003 - <b>Ci</b> 2607544 <b>RADIUS LED BT A R1 W</b>
Emergency battery kit for DUO series panels, complete with wiring and power supply card. Version for installation inside the box.		Flashing light with incorporated antenna for motors with 24 V power supply. White flashing light.	
	<b>new</b> <b>Cp</b> N998613 - <b>Ci</b> 2613836 <b>AMIP</b>		<b>Cp</b> P111782 - <b>Ci</b> 2601411 <b>COMPACTA A20-180</b>
PHOBOS built-in mechanical stops.		Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.	
	<b>new</b> <b>Cp</b> P123032 00003 - <b>Ci</b> 2613518 <b>EBP BT A 24V</b>		<b>new</b> <b>Cp</b> D112307 - <b>Ci</b> 2614117 <b>MITTO STYLE C4</b>
24V vertical electric lock.		4-Channel transmitter. 50/100 m range. 3V power supply with 1 CR2032 type battery. Black with chrome keyring loop.	
	<b>new</b> <b>Cp</b> D112306 - <b>Ci</b> 2614118 <b>MITTO COOL C2</b>		<b>new</b> <b>Cp</b> D112318 - <b>Ci</b> 2614120 <b>MITTO COOL C4</b>
2-Channel transmitter. 50/100 m range. 3V power supply with 1 CR2032 type battery. Blue.		4-Channel transmitter. 50/100 m range. 3V power supply with 1 CR2032 type battery. Blue.	





Electromechanical automation systems for swing gates



Empowered by  
**U-LINK**

# 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.

1



## EASY TO CONNECT

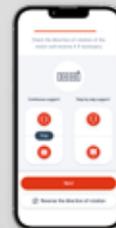


**PLUG&PLAY**  
CONNECTIVITY MODULE  
FOR QUICKLY CONNECTING  
BFT SOLUTIONS



2

## EASY TO SET UP



CONFIGURATION  
AND  
MANAGEMENT OF  
THE MOTOR WITH  
THE **EasyAXS app**

3

## EASY TO CONTROL



**TaHoma app**  
TO PROVIDE CUSTOMERS  
WITH A SMART SOLUTION  
FOR ACCESSING THEIR  
HOMES





# PHOBOS BT B



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**



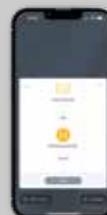
**ALWAYS  
CONNECTED**



**EVEN MORE  
CONNECTIVITY**



**EASY TO SET UP  
FOR INSTALLERS**



**EASY TO CONTROL  
FOR CUSTOMERS**





Electromechanical automation systems for swing gates



Empowered by  
**U-LINK**



# 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



Empowered by  
**U-LINK**

# **U-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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