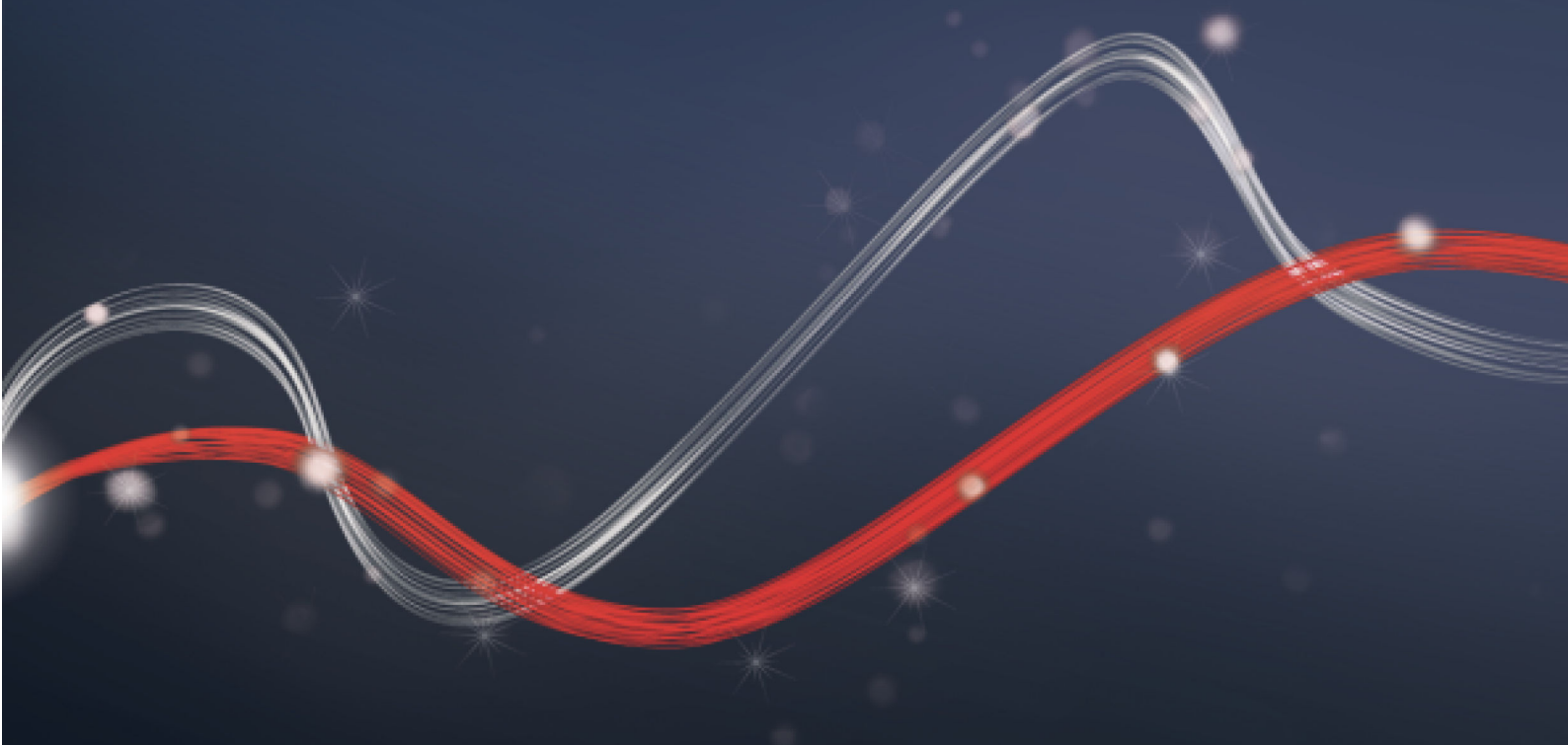




Be ahead



# KUSTOS ULTRA BT A

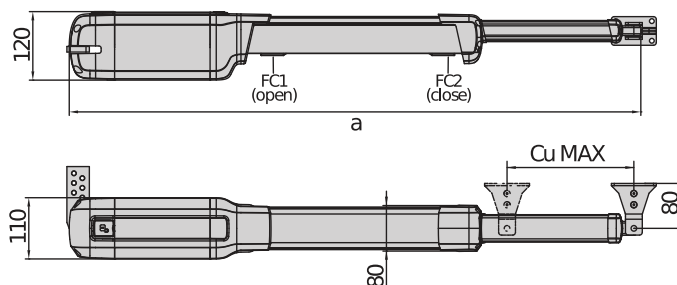




# KUSTOS ULTRA BT A



## Electromechanical automation systems for swing gates



|                     | a    | Cu MAX |
|---------------------|------|--------|
| Kustos BT A25       | 1090 | 295    |
| Kustos BT A25 ULTRA | 1090 | 250    |
| Kustos BT A40       | 1210 | 355    |
| Kustos BT A40 ULTRA | 1210 | 355    |

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 4 metres wide and weighing up to 500 kg. Quick and practical installation: the new KUSTOS BT A operators are designed to allow quick and easy installation, thanks to a number of important measures such as the covered worm screw, integrated stops, magnetic limit switches and the magnetic locking pin.

### Relevant features



**Covered worm screw:** all KUSTOS BT A range operators are telescopic operators with completely covered worm screw. This ensures maximum protection against external agents (water, dust, dirt, etc.) as well as a total protection for people, preventing any type of access to the moving parts.



**Magnetic limit switch and integrated stops:** the magnetic limit switch system ensures maximum precision of movement and quick and easy adjustment. Coupled with integrated adjustable mechanical stops, they allow precise installation without requiring floor stops.



## Electromechanical automation systems for swing gates

### KUSTOS ULTRA BT A

| Code          | Name                        | Description                                                                                                                                                                                                   |
|---------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P935101 00002 | KUSTOS ULTRA BT A25         | Irreversible electro-mechanical operator 24 V for swing gates up to 400 kg in weight and up to 2.5 m in length with covered worm screw. Integrated mechanical stops. Covered worm screw Magnetic limit switch |
| P935102 00002 | KUSTOS ULTRA BT A40         | Irreversible electro-mechanical operator 24 V for swing gates up to 500 kg in weight and up to 4 m in length with covered worm screw. Integrated mechanical stops. Covered worm screw Magnetic limit switch   |
| R935308 00005 | KUSTOS ULTRA BT KIT A25 FRA | Complete kit 24 V for swing gates up to 400 kg in weight and up to 2.5 m in length. Operators with covered worm screw (IP44). Integrated mechanical stops. Covered worm screw Magnetic limit switch           |
| R935311 00005 | KUSTOS ULTRA BT KIT A40 FRA | Complete kit 24 V for swing gates up to 500 kg in weight and up to 4 m in length. Operators with covered worm screw (IP44). Integrated mechanical stops. Covered worm screw Magnetic limit switch             |

#### THALIA: Control panel with display for one or two 24V electromechanical operators for swing gates



##### Cp D113745 00002 - Cj 2600477 - THALIA - Recommended



- Application: control panel with display for one or two 24V electromechanical operators for swing gates
- Card power supply: 230 V single-phase
- Operators power supply: 24Vdc 180W max each operator
- Main features: new standard colour removable terminal blocks, simplified scenario-based programming with display and integrated dual-channel receiver, D-Track anti-crushing system, slowdown during opening and closing and electronic self-learning.
- Main functions: automatic re-closing, fast closing, partial opening, deadman feature
- Compatibility: LIBRA, LIBRA R, LIBRA MA R

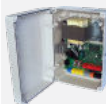
|                               | KUSTOS ULTRA BT A25 | KUSTOS ULTRA BT A40 |
|-------------------------------|---------------------|---------------------|
| Control unit                  | THALIA              | THALIA              |
| Board power supply            | 230 V               | 230 V               |
| Motor voltage                 | 24 V                | 24 V                |
| Power consumption             | 40 W                | 40 W                |
| Max. width of door/gate wing  | 2,50 m              | 4 m                 |
| Max. weight of door/gate wing | 400 kg              | 500 kg              |
| Useful rod stroke             | 250 mm              | 355 mm              |
| Maximum angle                 | 118 °               | 126 °               |
| Cycle time                    | 13 s                | 17 s                |
| Type of limit switch          | Magnetic            | Magnetic            |
| Slowdown                      | Yes                 | Yes                 |
| Locking                       | Mechanical          | Mechanical          |
| Release                       | Personal key        | Personal key        |
| Impact reaction               | D-Track             | D-Track             |
| Frequency of use              | intensive           | intensive           |
| Protection rating             | IP44                | IP44                |
| Environmental conditions      | -20 ÷ 55 °C         | -20 ÷ 55 °C         |



# KUSTOS ULTRA BT A



## Electromechanical automation systems for swing gates

|                                                                                  |                                                                                                                                                                                                                             |  |  |  |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|  | <p><b>Cp D113747 00002 - Ci 2600583</b><br/><b>THALIA P</b></p> <p>Control panel for one or two 24V electromechanical and hydraulic operators for swing gates with electric lock management, for highly complex systems</p> |  |  |  |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

## RECOMMENDED ACCESSORIES

|                                                                                    |                                                                                                                                                                                        |                                                                                     |                                                                                                                                                                                          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>Cp N733646 - Ci 2610973</b><br/><b>ARB KUSTOS FRONT</b></p> <p>Front adjustable fixing brackets for Kustos BT A</p>                                                              |    | <p><b>Cp D730178 - Ci 2600090</b><br/><b>PLE</b></p> <p>Anchor plate for welding the mountings to masonry pillars for LUX, ORO, PHOBOS operators</p>                                     |
|    | <p><b>new Cp N735002 - Ci 2601324</b><br/><b>SFR B</b></p> <p>Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7)</p>                                     |    | <p><b>new Cp N735003 - Ci 2601367</b><br/><b>SFR-L B</b></p> <p>Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7)</p>                                      |
|  | <p><b>new Cp N735002 00001 - Ci 2601273</b><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>new Cp N735003 00001 - Ci 2601392</b><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 N999404 - Ci 2611106</b><br/><b>CABLE N BT</b></p> <p>Control unit connecting cable for PHOBOS BT A, KUSTOS BT A. Coil of 100 m, 3x1,5.</p>                                   |  | <p><b>Cp P125020 - Ci 2600844</b><br/><b>BBT BAT</b></p> <p>Set of backup batteries for THALIA and THALIA P</p>                                                                          |
|  | <p><b>new Cp D114093 00003 - Ci 2607539</b><br/><b>RADIUS LED BT A R1</b></p> <p>Flashing light with incorporated antenna for motors with 24 V power supply.</p>                       |  | <p><b>new Cp D114168 00003 - Ci 2607544</b><br/><b>RADIUS LED BT A R1 W</b></p> <p>Flashing light with incorporated antenna for motors with 24 V power supply. White flashing light.</p> |
|  | <p><b>Cp P111782 - Ci 2601411</b><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>            |                                                                                     |                                                                                                                                                                                          |



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.

