



Be ahead



E5 BT A



• **PRODUCT**

• ADVANTAGES

• CONTROL UNIT
• TECHNICAL FEATURES

• ACCESSORIES

• **DISCOVER U-LINK**



- 24 V
- U-Link
- d-track
- ee link
- er ready

Non-locking electromechanical 24V operator for pedestrian and vehicle swing gates, suitable for residential and commercial areas. The compact dimensions allow the E5 BT A to be installed on small pillars and columns (minimum required width 8cm). The sliding arm option allows the operator to be installed in tight spaces when there are walls or obstacles near the operator. The limit switch operation is managed by the absolute encoder. Built-in safety features include the d-track torque management system, which determines the precise position and force needed to move the gate. The operator has an internal clutch and the new articulated and sliding arms have an anti-shearing system.

E5 BT A | | |

| | Reference | Name | Description |
|--|---------------|-----------|---|
| | P930027 00003 | E5 BT A12 | Non-locking electromechanical operator for pedestrian gates up to 80kg weight and 1.2 meters length. Limit switch control via absolute encoder. Manoeuvring speed between 4.5 and 6.5 seconds (including slowdown). |
| | P930027 00001 | E5 BT A18 | Non-locking electromechanical operator for car gates up to 100kg in weight and 1.8 meters in length. Limit switch control via absolute encoder. |



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ADVANTAGES E5 BT A



U-Link platform: Using the Thalia control unit, the E5 BT A operator is compatible with the U-Link communication protocol, the exclusive Bft connectivity platform.



D-Track dynamic path tracking: smart torque management system that constantly updates the gate torque level, improving the safety of the maneuver regardless of weather conditions, temperature or the degree of wear of the system.



Absolute Encoder: Absolute encoder means that the E5 BT A recognises the position of the gate at any time, managing the slow down phase during opening and closing with absolute precision.



Ease of installation: The fixing bracket on the column or pillar provides simpler installation. The Thalia control unit has standardised colour terminal blocks which simplifies the identification of the outputs / inputs. The removable terminal blocks facilitate the wiring process. Extremely easy to set the closing and opening limit switches.

MORE ADVANTAGES PER E5 BT A12



Speed: The E5 BT A12 takes only 4.5 to 6.5 seconds (90 ° manoeuvre including slowdown) to open, based on the weight and dimensions of the leaf.



Push&Go: When activated, the Push & Go function allows the gate to open completely when manually pushed.



Multi-resident or commercial sites: The E5 BT A12 is ideal for apartment block installations or public buildings, with features such as remote opening from inside the building and the ability to set the gate to close automatically after opening, preventing it being left open.

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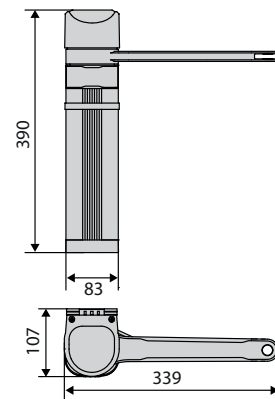
D113745 00002 - Thalia



- Application: control panel with display for one or two 24V electromechanical operators for swing gates
- Board power supply: 230V 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

| | E5 BT A12 | E5 BT A18 |
|------------------------------------|-------------------------------|-------------------------------|
| Control unit | THALIA | THALIA |
| Board power supply | 230V | 230V |
| Motor voltage | 24V | 24V |
| Power input | 40W | 40W |
| Max. width of door/gate wing | 1,2 | 1,8 |
| Max. weight of door/gate wing | 80kg | 100kg |
| Maximum angle with articulated arm | 130° | 130° |
| Maximum angle with sliding arm | 130° | 130° |
| Max rpm | 1600 | 2500 |
| Cycle time | 4,5 - 6,5s | 14s |
| Type of limit switch | Absolute Encoder | Absolute Encoder |
| Locking | mechanical | mechanical |
| Release | lock with key | lock with key |
| Impact reaction | Mechanical multi-plate clutch | Mechanical multi-plate clutch |
| Frequency of use | 100/h | 20/h |
| Protection rating | IP44 | IP44 |
| Environmental conditions | -20 ÷ 55 °C | -20 ÷ 55 °C |

Dimensioni



RECOMMENDED ACCESSORIES

| | | | |
|--|--|---|---|
|  | D113745 00002 - THALIA Control panel with display for one or two 24V electromechanical operators for swing gates |  | D113747 00002 - THALIA P Control panel for one or two 24V electromechanical and hydraulic operators for swing gates with electric lock management, for highly complex systems |
|  | N734921 - LBA Articulated arms for E5 BT A |  | N735057 - LS12 Slide lever for E5 BT A12 |
|  | N735058 - LS 18 Slide lever for E5 BT A18 | | |

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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

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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 BFT, non-native U-Link or non-BFT products), 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 and 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 home automation systems.



U-Control

U-Control is the application that helps the quick and easy integration of BFT automation systems 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 non-native U-Link products or non-Bft products to U-Link systems.

Bft operators, non-native U-Link products 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.

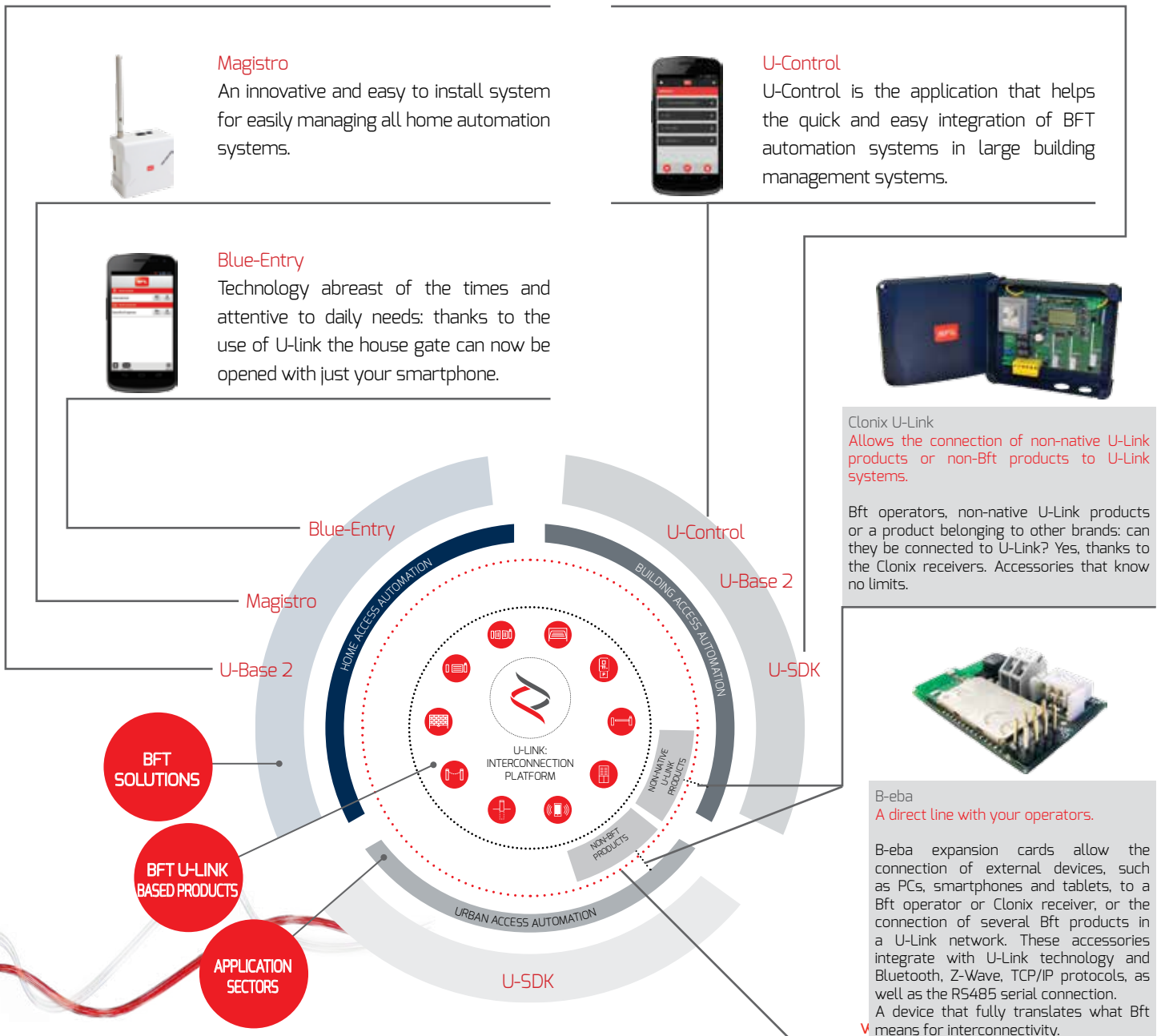


B-eba

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 means for interconnectivity.





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