

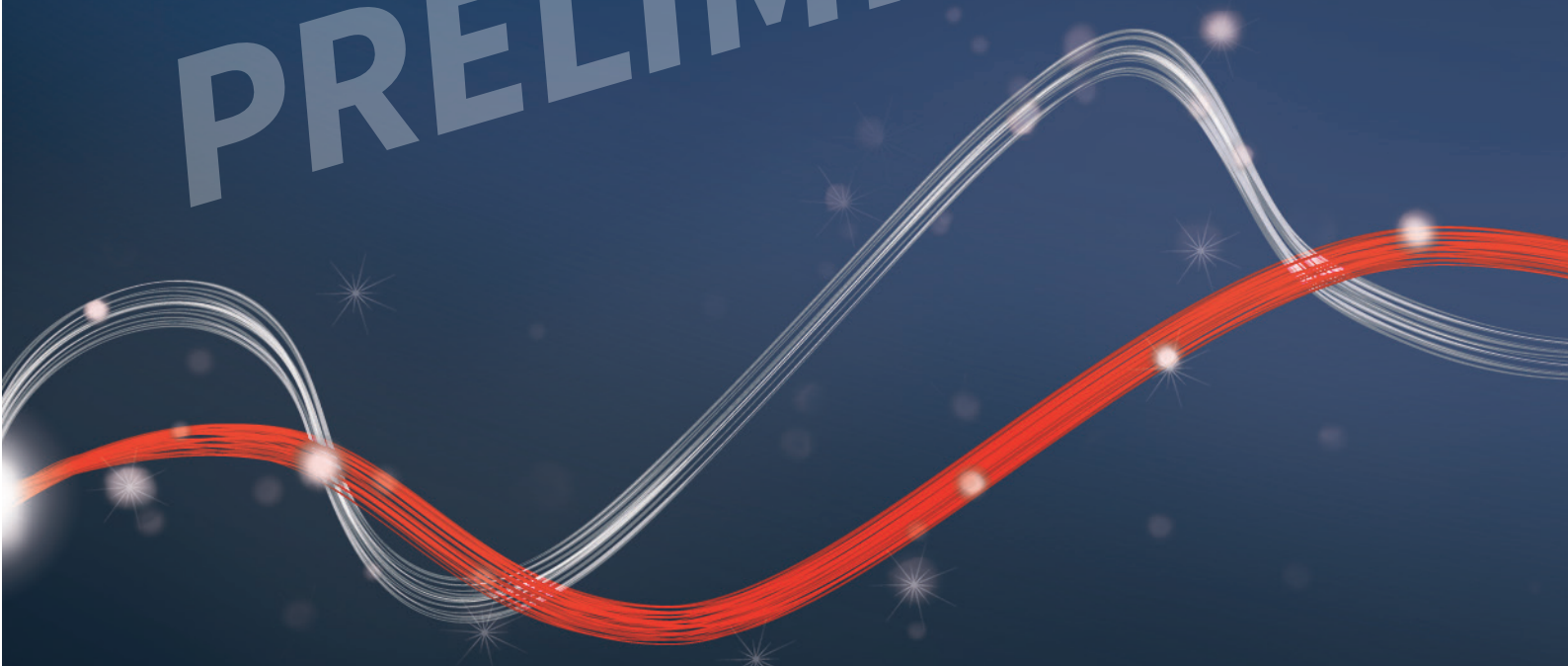


Be ahead



E5 BT A12 UL

PRELIMINARY

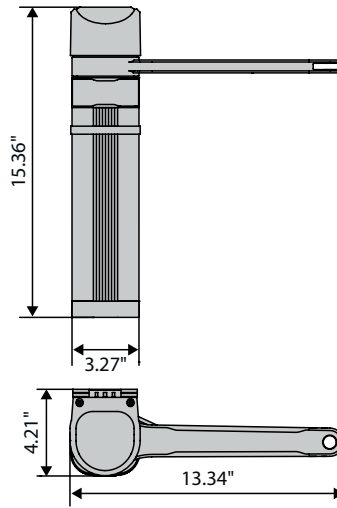




# E5 BT A12 UL



## Electromechanical automation systems for pedestrian swing gates



24V reversible electromechanical operator for pedestrian swing gates up to 4 ft./175 lbs., for use in homes and apartment buildings. Its small size allows for installation on small pillars and columns (minimum width 3.15" required). The slide arm option ensures avoidance of obstacles and constraints close to the operator. The limit switch function is regulated by the absolute encoder. The D-track system with slide arms and anti-shear design ensures that the gate moves safely by tracking friction, position, and force. A Bft photo eye is required.

### Relevant features

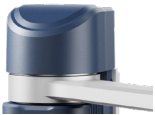
#### U-link

**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

**D-Track dynamic path tracking:** smart torque management system that constantly updates the gate torque level, ensuring safe gate operation regardless of weather conditions, temperature, or the degree of wear of the system.



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



#### Easy Assembly

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



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### Relevant features



**6.5 sec**

**Speed:** The E5 BT A12 takes only 4.5 to 6.5 seconds to open (90° to 0° operation, including slowdown), based on the weight and dimensions of the gate leaf.



**push&go**

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



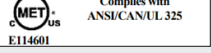
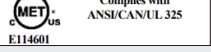
**Multi-family or commercial sites:** The E5 BT A12 is ideal for apartment installations or public buildings, with features such as remote opening from inside the building and the ability to set the gate to close automatically after opening.



## Electromechanical automation systems for pedestrian swing gates



### E5 BT A

Code	Ci	Name	Description
P930027 00004	2616389	<b>E5 BT A12 UL</b>  Complies with ANSI/CAN/UL 325	<ul style="list-style-type: none"> <li>· Reversible compact pedestrian electromechanical operator of small size that can be installed on pillars or columns only 3.15" wide.</li> <li>· Application for pedestrian gates up to 4.24 ft. wide and up to 175 lbs.</li> <li>· Closes in 6.5s (ideal installation conditions).</li> <li>· Operator with primary lever, to which the articulated arm or the short slide lever are added (accessories).</li> <li>· Absolute encoder limit switch.</li> </ul>
2618083	2618083	<b>E5 BT A12 UL SINGLE KIT</b>  Complies with ANSI/CAN/UL 325	Kit includes: <ul style="list-style-type: none"> <li>· 1 x E5 BT A12 UL Motor</li> <li>· 1 x Articulated Arm</li> <li>· 1 x 120V Thalia UL 10"x12" Fiberglass Enclosure with Control Board</li> <li>· 1 x Polarized Reflective Photo Eye with Hood</li> <li>· 2 x MITTO B RCBO2 2CH Remotes</li> </ul>



	E5 BT A12 UL
Control unit	THALIA UL
Board power supply	120V
Motor voltage	24V
Max. weight of door/gate wing	80 kg / 175 lbs.
Power consumption	100 W
Max. width of door/gate wing	1.2 m / 4 ft.
Cycle time	6.5 s
Type of limit switch	Absolute encoder
Release	Reversible
Impact reaction	D-Track
Frequency of use	very intensive
Frequency of use	100 Cycles/hour
Degree of protection (IP)	IP44
Environmental conditions	-20 to 55 °C / -4 °F to 131 °F














## Electromechanical automation systems for pedestrian swing gates

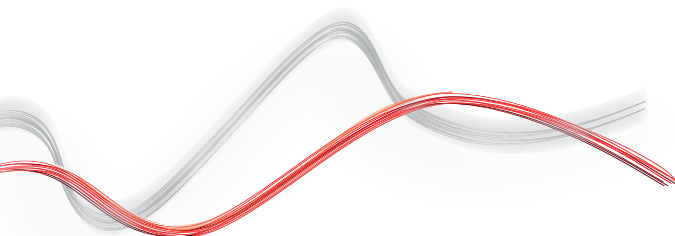


### VITAL ACCESSORIES

	<b>Cp</b> KTHALIAUL-LEB - <b>Ci</b> 2614819 <b>KTHALIAUL-LEB</b>		<b>Cp</b> KTHALIAUL-SE - <b>Ci</b> 2614820 <b>KTHALIAUL-SE 10 x 12 ENCLOSURE</b>
	Control panel with display for one or two 24V electromechanical operators for swing gates		120V Thalia UL control board with 10"X12" fiberglass enclosure
	<b>Cp</b> N734921 - <b>Ci</b> 2601405 <b>LBA</b>		<b>Cp</b> N735057 - <b>Ci</b> 2601406 <b>LS12</b>
	Lever for articulated arm, E5 BT A12 UL		Short pedestrian slide lever for E5 BT A12 UL

### RECOMMENDED ACCESSORIES

	<b>Cp</b> D114093 00003 - <b>Ci</b> 2607539 <b>RADIUS LED BT A R1</b>		<b>Cp</b> D114168 00003 - <b>Ci</b> 2607544 <b>RADIUS LED BT A R1 W</b>
	Flashing light with incorporated antenna for motors with 24 V power supply.		Flashing light with incorporated antenna for motors with 24V power supply. White flashing light.
	<b>Cp</b> D114094 00003 - <b>Ci</b> 2607541 <b>RADIUS LED BT A RO</b>		<b>Cp</b> P111782 - <b>Ci</b> 2601411 <b>COMPACTA A20-180</b>
	Flashing light without incorporated antenna for motors with 24 V power supply.		Pair of photocells adjustable 180° horizontally. 65 ft. (20 m) range. 12-33 VAC/15-35 VDC power supply.
	<b>Cp</b> P125020 - <b>Ci</b> 2600844 <b>BBT BAT</b>		<b>new</b> <b>Cp</b> P123032 00003 - <b>Ci</b> 2613518 <b>EBP BT A 24V</b>
	Set of backup batteries for THALIA.		24V vertical electric lock.
	<b>new</b> <b>Cp</b> D111904 - <b>Ci</b> 2600534 <b>MITTO COOL C2</b>		<b>new</b> <b>Cp</b> D111906 - <b>Ci</b> 2600535 <b>MITTO COOL C4</b>
	2-Channel transmitter. 164/328 ft. (50/100 m) range. 3V power supply with 1 CR2032 type battery. Blue.		4-Channel transmitter. 164/328 ft. (50/100 m) range. 3V power supply with 1 CR2032 type battery. Blue.
	<b>Cp</b> BFT-600ML KIT - <b>Ci</b> 2614803 <b>BFT-600ML KIT</b>		<b>Cp</b> KIRPOLAPHOTO1UL - <b>Ci</b> 2614700 <b>KIRPOLAPHOTO1UL</b>
	Magnetic lock Kit including bracket, relay, and power supply.		UL Polarized Reflective Photo Eye with Hood.
	<b>Cp</b> P111494 - <b>Ci</b> 2600834 <b>QB TOUCH</b>		<b>Cp</b> KIRREFLPHOTO1UL - <b>Ci</b> 2614704 <b>KIRREFLPHOTO1UL</b>
	QB touch wireless keypad, up to 10 channels/100 codes.		Reflective Photo Eye with Hood.







Electromechanical automation systems for pedestrian swing gates



Empowered by  
**U-LINK**

## 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



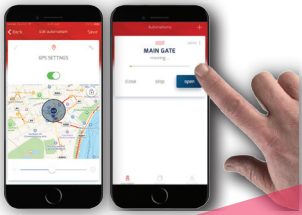
## Electromechanical automation systems for pedestrian swing gates



### 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 products, non Bft products, 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

An easy and convenient software package for installation, performing maintenance, and identifying any faults in the U-Link compatible operators.



#### U-SDK

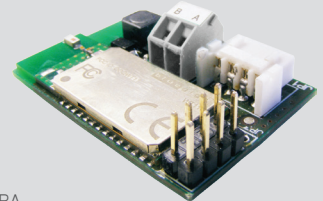
A user-friendly app to allow for compatibility and integration between Bft automations and a BMS network.



#### Clonix U-Link

Connect non-native U-Link and non-Bft products to U-Link systems.

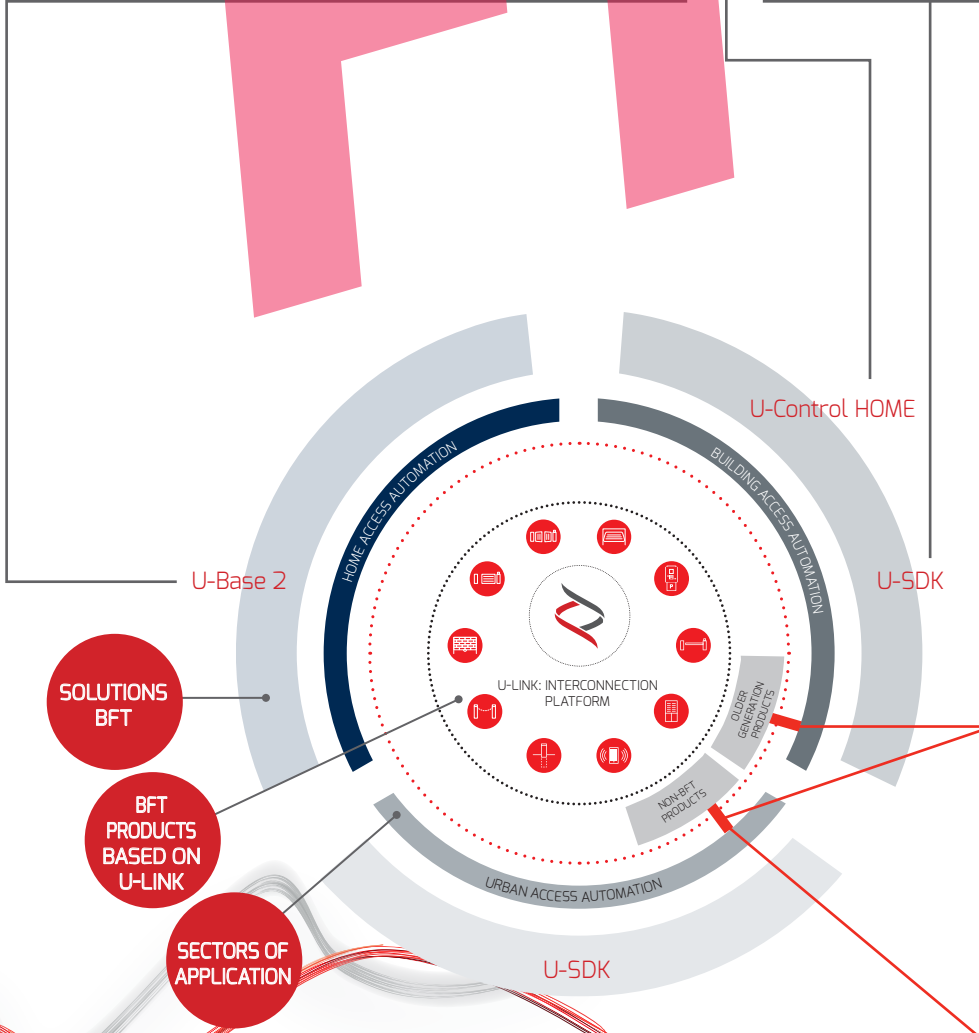
Is it possible to connect non-native U-Link Bft operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.



#### 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.







PRELIMINARY

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