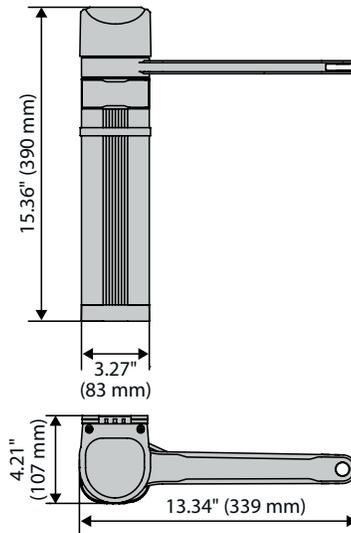


E5 BT A12 UL

E5 BT A12 UL

Electromechanical automation systems for pedestrian swing gates



Features and Benefits

- 24V reversible electromechanical operator for pedestrian swing gates up to 4 ft. (1.2 m) and 175 lbs (80 kg).
- 90° opening/closing time: adjustable from 4.5 to 6.5 sec.
- For use in homes, apartment buildings, and light commercial applications.
- Compact design enables installation on narrow pillars and columns as narrow as 3.15 in. (80 mm).
- Optional slide arm for installations with obstacles or tight clearances.
- The **Push & Go** function opens the gate fully when manually pushed.
- Absolute encoder provides precise limit-switch control.
- Real-time torque adjustment via D-Track smart control ensures smooth, safe movement and obstacle detection.
- **Certified to ANSI/BHMA A156.19** for low-energy pedestrian operation.



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.



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.

E5 BT A12 UL

Electromechanical automation systems for pedestrian swing gates

Features and Benefits



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.



E5 BT A12 UL

Electromechanical automation systems for pedestrian swing gates

E5 BT A

Part Number	Reference	Name	Description
2616389	P930027 00004	E5 BT A12 UL 	<ul style="list-style-type: none"> • Reversible compact pedestrian electromechanical operator of small size that can be installed on pillars or columns only 3.15 in. (80 mm) wide. • For pedestrians gates up to 4 ft. (1.2 m) wide and up to 175 lbs (80 kg). • Closes in 6.5s (ideal installation conditions). • Operator with primary lever, to which the articulated arm or the short slide lever are added (accessories). • Absolute encoder limit switch. • Certified to ANSI/BHMA A156.19 for low-energy pedestrian operation.
2618083	2618083	E5 BT A12 UL SINGLE KIT 	Kit includes: <ul style="list-style-type: none"> • 1 x E5 BT A12 UL Motor • 1 x Articulated Arm • 1 x 120V Thalia UL 10"x12" Fiberglass Enclosure with Control Board • 1 x Polarized Reflective Photo Eye with Hood • 2 x MITTO B RCBO2 2CH Remotes • Certified to ANSI/BHMA A156.19 for low-energy pedestrian operation.

	E5 BT A12 UL
Control unit	THALIA UL
Board power supply	120V
Motor voltage	24V
Max. weight of door/gate wing	175 lbs (80 kg)
Power consumption	100 W
Max. width of door/gate wing	4 ft. (1.2 m)
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	-4 °F to 131 °F (-20°C to 55 °C)
Weight	16 lbs (7.26 kg)
Certifications	Certified to UL 325 and ANSI/BHMA A156.19 (Low-Energy Pedestrian Operation)

E5 BT A12 UL

Electromechanical automation systems for pedestrian swing gates

REQUIRED ACCESSORIES

	<p>THALIA 120V UL-LEB </p> <p>Part Number: 2614819 Reference: KTHALIAUL-LEB</p> <ul style="list-style-type: none"> • Pre-wired Enclosure with THALIA UL Control Board for one or two 24V operators — intuitive setup via LCD display • Dimensions: 14 x 16 x 7 in. (355x406x180 mm) • 2x 9Ah Batteries • 115V Outlet for Accessories 		<p>THALIA LITE 120V</p> <p>Part Number: 2607483 Reference: D113745 00001</p> <ul style="list-style-type: none"> • Enclosure with 120V control board for one or two 24V operators (180 W max each) — intuitive setup via LCD display • Dimensions: 10 x 8 x 4 in. (237x195x100 mm) • Removable terminal blocks with color-coding for faster, error-free wiring • Supports automatic closing, fast closing, partial opening, and dead-man operation • Direct connection for powered solenoid locks, electromagnets, and safety edges
	<p>THALIA 120V UL-SE </p> <p>Part Number: 2614820 Reference: KTHALIAUL-SE</p> <ul style="list-style-type: none"> • Enclosure with THALIA UL Control Board for one or two 24V operators — intuitive setup via LCD display • Dimensions: 10 x 12 x 5.5 in. (254x305x140 mm) 		<p>LBA</p> <p>Part Number: 2601405 Reference: N734921</p> <ul style="list-style-type: none"> • Articulated arm for E5 BT A12 UL
			<p>LS12</p> <p>Part Number: 2601406 Reference: N735057</p> <ul style="list-style-type: none"> • Sliding arm for E5 BT A12 UL

RECOMMENDED ACCESSORIES

	<p>RADIUS LED BT A R1</p> <p>Part Number: 2607539 Reference: D114093 00003</p> <ul style="list-style-type: none"> • Flashing Light with LED technology and Built-in receiver antenna • 24V power supply • Range: 50-100 ft. (15-30m) • Color: Yellow 		<p>RADIUS LED BT A R1 W</p> <p>Part Number: 2607544 Reference: D114168 00003</p> <ul style="list-style-type: none"> • Flashing Light with LED technology and Built-in receiver antenna • 24V power supply • Range: 50-100 ft. (15-30m) • Color: White
	<p>RADIUS LED BT A R0</p> <p>Part Number: 2607541 Reference: D114094 00003</p> <ul style="list-style-type: none"> • Flashing light without incorporated antenna for motors with 24V power supply. 		<p>COMPACTA A20-180</p> <p>Part Number: 2601411 Reference: P111782</p> <ul style="list-style-type: none"> • Pair of photocells adjustable 180° horizontally. 65 ft. (20 m) range. 12-33 VAC/15-35 VDC power supply.
	<p>BBT BAT</p> <p>Part Number: 2600844 Reference: P125020</p> <ul style="list-style-type: none"> • Set of backup batteries for THALIA with enclosure. 		<p>EBP BT A 24V</p> <p>Part Number: 2613518 Reference: P123032 00003</p> <ul style="list-style-type: none"> • 24V vertical electric lock.
	<p>MITTO COOL C4 FCC</p> <p>Part Number: 2618592 Reference: D112351</p> <ul style="list-style-type: none"> • Transmitter with 4 channels • Range 49-98 ft. (15-30m) • Power supply 13V with battery type CR2032 		<p>600 LBS MAG-LOCK KIT</p> <p>Part Number: 2614803 Reference: BFT-600ML KIT</p> <ul style="list-style-type: none"> • Magnetic lock Kit including bracket, relay, and power supply.
	<p>UL POLARIZED REFLECTIVE PHOTO EYE WITH HOOD </p> <p>Part Number: 2614700A Reference: KIRPOLAPHOTO1UL</p> <ul style="list-style-type: none"> • UL Polarized Reflective Photo Eye with Hood. 		<p>QB TOUCH</p> <p>Part Number: 2600834 Reference: P111494</p> <ul style="list-style-type: none"> • QB touch wireless keypad, up to 10 channels/100 codes.
	<p>UL REFLECTIVE PHOTO EYE WITH HOOD </p> <p>Part Number: 2614704A Reference: KIRREFLPHOTO1UL</p> <ul style="list-style-type: none"> • Reflective Photo Eye with Hood. 		

More power in **your** hands

Versatility

BFT operators adapt to more gate types, layouts, and control systems than typical solutions.

Built to last

Engineered for long-term performance in tough environments.

Compact by design

Small footprint, big performance—ideal where space is limited.

ACCESS AUTOMATION



Solutions that fit every need

BFT provides a wide range of highly configurable products designed to meet the demands of every application:

- **Single-family Residential**
- **Commercial**
- **Multi-dwelling Units**
- **Urban**

These solutions adapt to installers' challenges, finding the right tool is always simple.



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