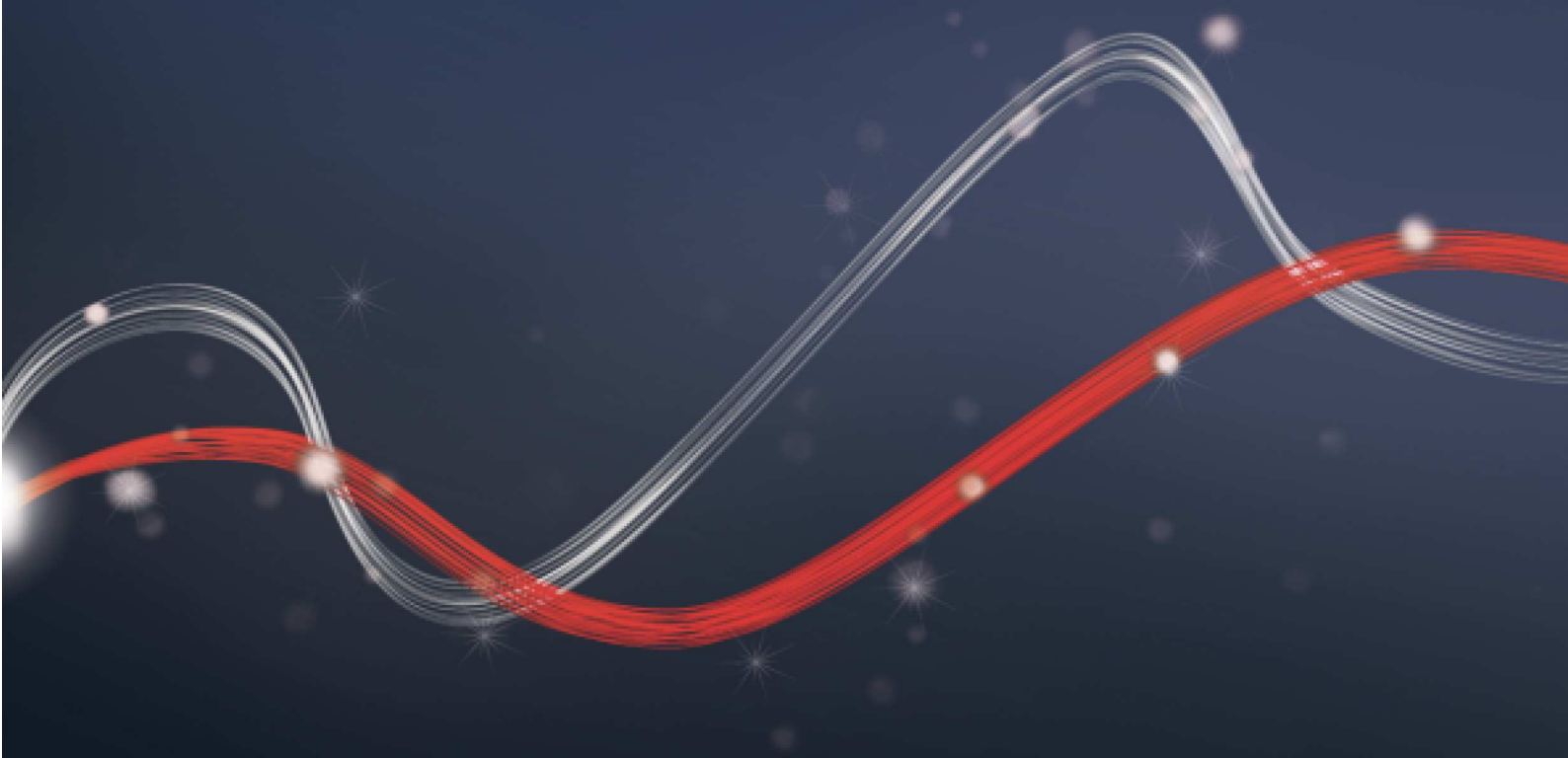
Be ahead

HOME
ACCESS AUTOMATION

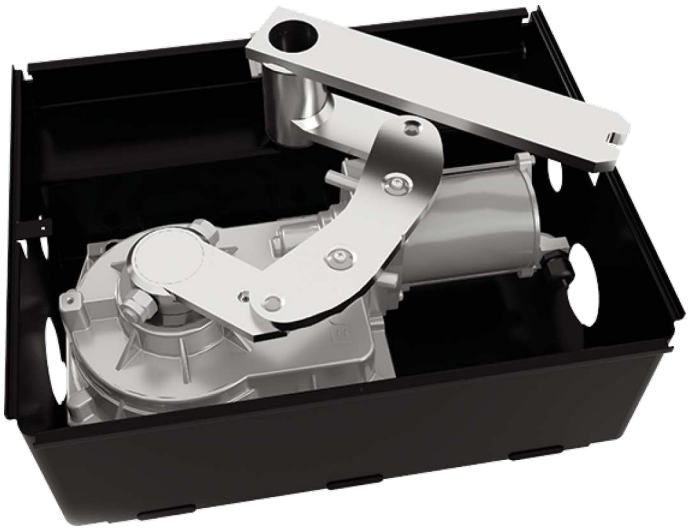
ELI BT A

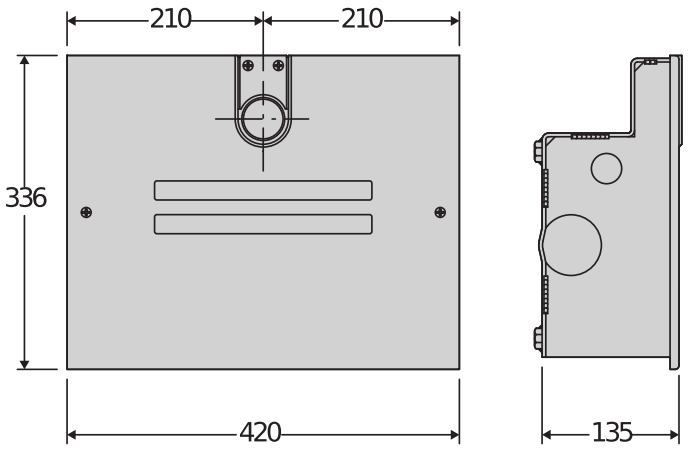


ELI BT A

Electromechanical automation systems for swing gates

HOME ACCESS AUTOMATION · U-Link · d-track · U-Security · EasyAXS





A complete range of in-ground non-reversible electromechanical operators for swing gates up to 4m long with 24V technology.
The integrated mechanical stops for both opening and closing, allowing the option of a simple installation by reducing the need for physical stops.
The encoder-based limit switch system offers precision and quick installation.
The VELOCE version offers reduced waiting times on opening and closing.

Electromechanical automation systems for swing gates

Relevant features

Super fast BT35 motors: Maximum comfort. Fast opening is ideal for sites which require reduced waiting times meaning you can quickly clear busy or hazardous roads. Fast closing can help to improve security keeping the property safer from intruders.

BT motors with relative encoder: No more need to assemble and adjust the limit switches, reducing installation time.

New secondary arm: quicker and more secure attachment to the primary shaft, for a more reliable installation!

New crown produced in XECARB® (available for the models AC a 40, BT A 40): highly resistant thermal-plastic composite, widely used in sport and aerospace, allows the use on heavier gates with a longer service life.

Integrated mechanical stops: for both opening and closing, allowing the option of a simple installation by reducing the need for physical stops.

Electromechanical automation systems for swing gates

ELI BT A

Code	Ci	Name	Description
P930133 00002	2601454	ELI VELOCE BT A35	Underground electromechanical operator 24 V for swing gates up to 3,5 m in length. Relative encoder limit switches
P930134 00002	2601455	ELI BT A40	Underground electromechanical operator 24 V for swing gates up to 4 m in length. Relative encoder limit switches

	ELI VELOCE BT A35	ELI BT A40
Motor voltage	24 V	24 V
Compatible control unit	THALIA BT A80, THALIA, THALIA P	THALIA BT A80, THALIA, THALIA P
Max. width of door/gate wing	3,5 m	4 m
Max. length gate panel without electric lock	2 m	2,5 m
Max. motor torque	250 Nm	350 Nm
Max. opening cycles per hour	50	Continuous
Maximum angle	120 °	120 °
Speed	2 Rpm	1,1 Rpm
Opening time to 90°	10" (with slowdown)	14" (with slowdown)
Limit switch standard	Relative encoder	Relative encoder
Limit switch optional	Magnetic	Magnetic
Mechanical stops	OP+CL	OP+CL
Release	Lever or lever with personalised key	Lever or lever with personalised key
Impact reaction	Electronic clutch (with control panel)	Electronic clutch (with control panel)
Protection rating	IP67	IP67
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 55 °C

VITAL ACCESSORIES

Cp D113745 00002 - **Ci** 2600477
THALIA

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

Cp D113747 00002 - **Ci** 2600583
THALIA P

Control panel for one or two 24V electromechanical and hydraulic operators for swing gates with electric lock management, for highly complex systems

Cp N733397 - **Ci** 2600789
BTCF 120 E

Foundation box with levers for ELI AC A, ELI BT A. Release not supplied

Cp N733398 - **Ci** 2600091
BTCF 120 E INOX

Stainless steel foundation box with levers for ELI AC A, ELI BT A. Release not provided

Cp N733993 - **Ci** 2603381
BTCF-120E PLUS

Reinforced foundation box for heavy or intensive use gates. Includes levers for ELI AC A, ELI BT A. Manual release not included.

Cp N733994 - **Ci** 2603382
BTCF-120E PLUS STAINLESS STEEL

Reinforced stainless steel foundation box for heavy or intensive use gates. Includes levers for ELI AC A, ELI BT A. Manual release not included.

Electromechanical automation systems for swing gates

VITAL ACCESSORIES

Cp N733392 - **Ci** 2600478
SCC

Release for ELI AC A, ELI BT A and SUB BT with lever key.

Cp N733502 - **Ci** 2610959
SCP

Release for ELI AC A, ELI BT A and SUB BT with personalized key.

RECOMMENDED ACCESSORIES

Cp N733304 - **Ci** 2600236
E180

Accessory for opening to 180 ° for ELI AC A40, ELI BT A40 operator

Cp N733951 - **Ci** 2601457
FCE

Magnetic limit switches for BT and AC models.

Cp P111782 - **Ci** 2601411
COMPACTA A20-180

Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.

Cp D114168 00003 - **Ci** 2607544
RADIUS LED BT A R1 W

Flashing light with incorporated antenna for motors with 24 V power supply. White flashing light.

Cp P125020 - **Ci** 2600844
BBT BAT

Set of backup batteries for THALIA, THALIA P, ZARA and PHEBE

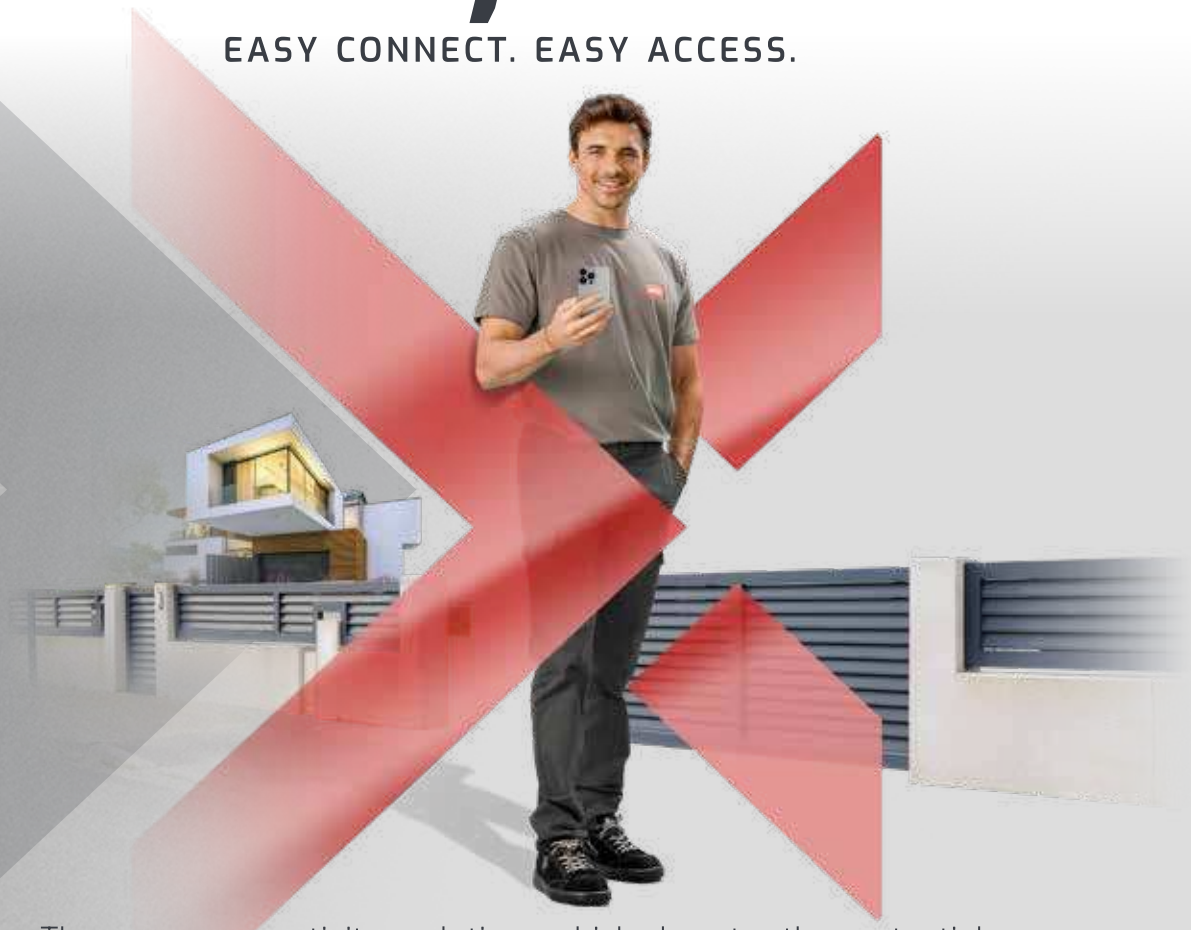
new **Cp** P123032 00003 - **Ci** 2613518
EBP BT A 24V

24V vertical electric lock.

Electromechanical automation systems for swing gates

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

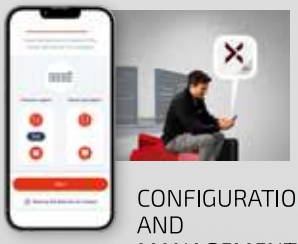
EASY TO CONNECT

PLUG&PLAY
CONNECTIVITY MODULE FOR QUICKLY CONNECTING BFT SOLUTIONS

IoT CLOUD

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

connects with Somfy TaHoma

Electromechanical automation systems for swing gates

EASY TO CONNECT

WIFI MODULE

10/15 metres

WIFI MODULE + ANTENNA

20/25 metres

MOBILE MODULE + ANTENNA + SIM

4G

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

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

U-SECURITY

A NEW AND EVEN MORE SECURE RADIO PROTOCOL

Secure
By transmitting data protected by a cryptographic key

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

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.

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