



Be ahead



# LUX BT

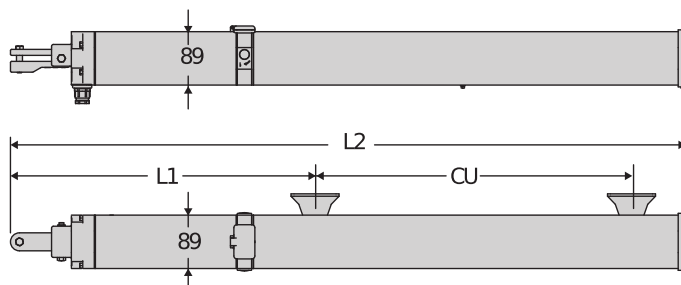




## Hydraulic automation systems for swing gates



Empowered by  
**U-LINK**



	L1	CU	L2
LUX BT 2B	715	270	1116
LUX G BT 2B	932	392	1381

Complete range of low voltage hydraulic pistons for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, capable of automating swing gate leaves up to 5 metres wide and weighing up to 800 kg. Available in reversible and/or non-reversible versions, they ensure maximum anti-crushing safety thanks to the absolute encoder and exclusive D-Track system

### Relevant features



Control unit with display and new, simplified scenario-based programming.



The absolute encoder, installed in all 24V versions, guarantees maximum stopping precision in the closing and opening limit switches and makes it possible to control the torque by means of the D-Track system.



Thanks to the exclusive selectable locking system, all 2B operators can be switched to reversible, with locking when open, locking when closed or double locking. This can all be done by simply turning a key.



# LUX BT



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## LUX BT

Code	Ci	Name	Description
P935079 00001	2600304	LUX BT 2B	24 V hydraulic operator for swing gates up to 2 m. 300 kg in weight and very intensive use. Cycle time 14 s. Selectable locking
P935083 00001	2611753	LUX G BT 2B	24 V hydraulic operator for swing gates up to 5 m. 800 kg in weight and very intensive use. Cycle time 20 s. Selectable locking



### 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 D113747 00002 - Ci 2600583 - THALIA P - Recommended



- Card power supply: 230 V single-phase
- Operators power supply: 24Vdc 240W max each operator
- Main features: removable terminal blocks with new standard colour-coding, simplified scenario-based programming with display and incorporated dual channel receiver, D-Track anti-crushing system, slowdown during opening and closing and electronic self-learning
- Main features: automatic closing, rapid closing, partial opening, operation with deadman feature, direct connection powered solenoid lock and electromagnet, direct connection edge BK2.
- Application: display panel for 1 or 2 24V operators
- Compatibility: LIBRA, LIBRA R, LIBRA MA R

	LUX BT 2B	LUX G BT 2B
Control unit	THALIA P	THALIA P
Motor voltage	24 V	24 V
Power consumption	300 W	300 W
Max. width of door/gate wing	2 m	5 m
Max. weight of door/gate wing	300 kg	800 kg
Useful rod stroke	270 mm	392 mm
Maximum angle	113 °	130 °
Cycle time	14 s	20 s
Type of limit switch	encoder	encoder
Slowdown	Yes	Yes
Locking	Selectable in opening/closing	Selectable in opening/closing
Release	Triangle key	Triangle key
Impact reaction	D-Track	D-Track
Frequency of use	very intensive	very intensive
Protection rating	IP55	IP55
Environmental conditions	-20 ÷ 60 °C	-20 ÷ 60 °C

## RECOMMENDED ACCESSORIES

	Cp P125020 - Ci 2600844 <b>BBT BAT</b>				
	Set of backup batteries for THALIA, THALIA P, ZARA and PHEBE				



LUX BT



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# EasyAXS

EASY CONNECT. EASY ACCESS.



Empowered by  
**U-LINK**



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



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





LUX BT



Hydraulic automation systems for swing gates



## EASY TO CONNECT

### WIFI MODULE



→ 10/15 metres

### WIFI MODULE + ANTENNA



→ 20/25 metres

### MOBILE MODULE + ANTENNA + SIM



→ ∞



**PLUG&PLAY  
INSTALLATION**



**ALWAYS  
CONNECTED**



**EVEN MORE  
CONNECTIVITY**



**EASY TO SET UP  
FOR INSTALLERS**



**EASY TO CONTROL  
FOR CUSTOMERS**







LUX BT



Hydraulic automation systems for swing gates



Empowered by  
**U-LINK**



# 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.



Hydraulic automation systems for swing gates



Empowered by  
**U-LINK**

# **-SECURITY**

## A NEW AND EVEN MORE SECURE **RADIO PROTOCOL**



### ➤ **Secure**

By transmitting data protected by a cryptographic key

**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.



### ➤ **Easy**

Pairing a remote control with a receiver can be done easily by scanning the QR code and using the dedicated app

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.



### ➤ **Universal**

The radio protocol is also compatible with the previous generation of receivers

