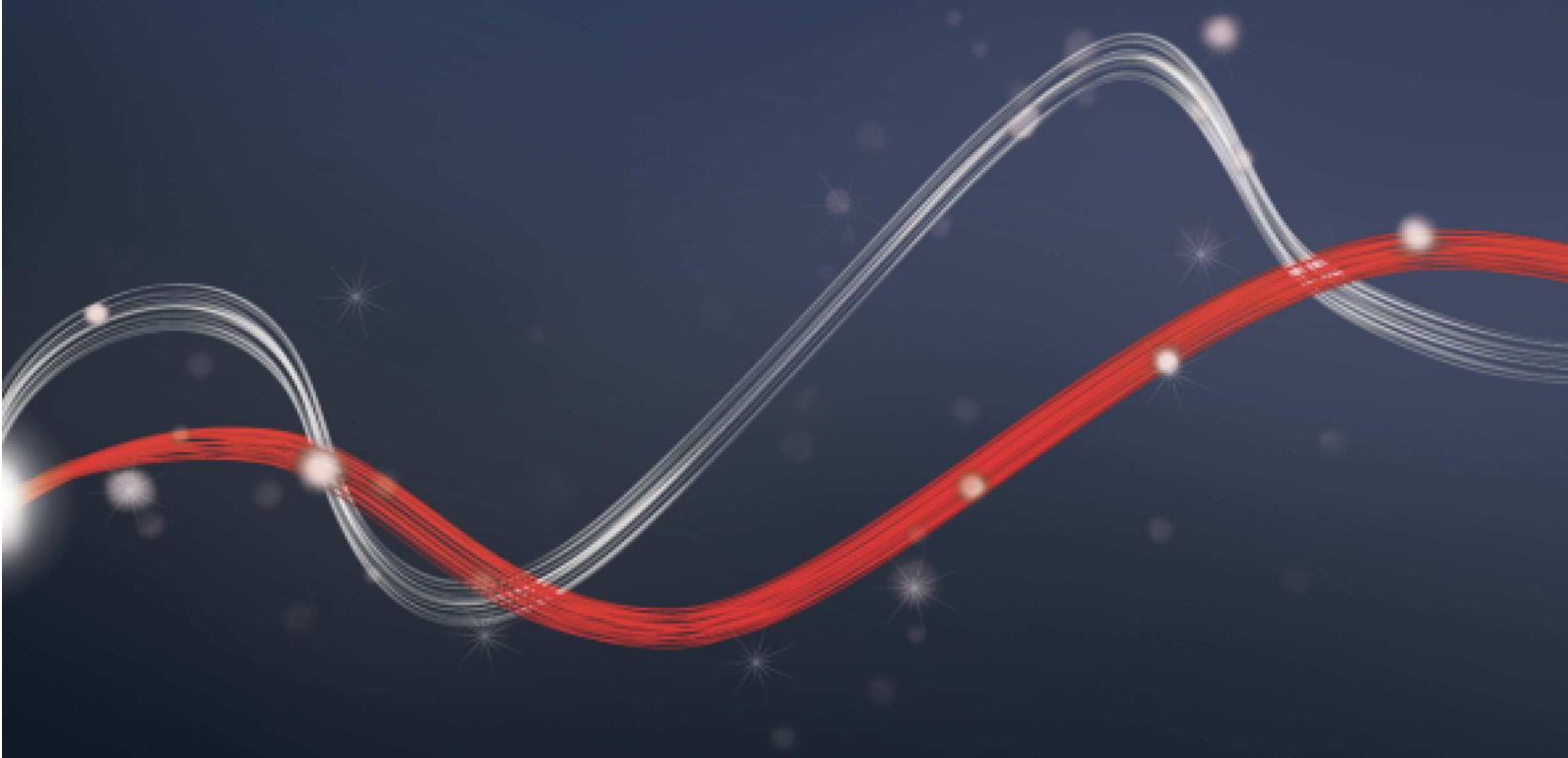
Be ahead

HOME
ACCESS AUTOMATION

VIRGO SMART BT A

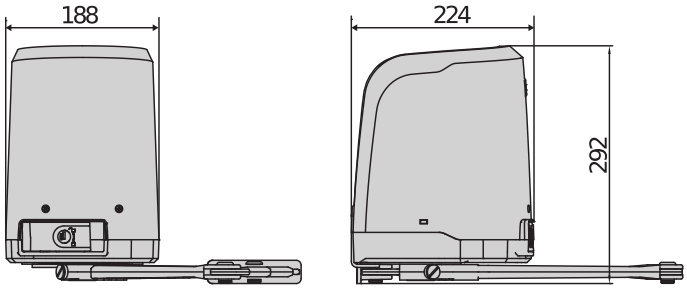


VIRGO SMART BT A

Electromechanical automation systems for swing gates

Empowered by U-LINK

HOME ACCESS AUTOMATION · 24 V · ee link · er ready · U-Link · d-track



Electromechanical operator with articulated arm for residential use, for swing gate leaves of up to 2 metres and 200 kg.
Ideal for any installation requirements, makes it easy to solve problems linked to large pillars thanks to the lever system.
Operator-integrated control unit, limit switch and mechanical stops.

Relevant features

Installation also possible on pillars up to 235mm deep or with limited lateral space, thanks to the articulated arm and sliding arm. Installation also possible for pivoting shutters.
Thalia control unit in raised position for easy programming. Wide-ranging set of features available for customised installation.
Exclusive U-Link, U-Control App and U-Base software protocol.

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VIRGO SMART BT A

Code	Name		Description	
P930129 00002	VIRGO SMART BT A 20	new	Non-reversible 24 V electro-mechanical operator for swing gates weighing up to 200 kg and up to 2 m long, with integrated control unit. Limit switch Electromechanical.	U-Link
P930130 00002	VIRGO SMART BT A 20 SLAVE	new	Irreversible electromechanical operator 24 V for swing gates weighing up to 200 kg and 2 m long. Limit switch Electromechanical.	
R930150 00001	VIRGO SMART BT A 20 KIT INT	new	Complete kit 24 V for swing gates up to 200 kg in weight and 2 m in length. Limit switch Electromechanical.	U-Link
R930150 00002	VIRGO SMART BT A 20 KIT ITA	new	Complete kit 24 V for swing gates up to 200 kg in weight and 2 m in length. Limit switch Electromechanical.	U-Link
R930150 00004	VIRGO SMART BT A 20 KIT GERMANIA	new	Complete kit 24 V for swing gates up to 200 kg in weight and 2 m in length. Limit switch Electromechanical.	U-Link

THALIA: Thalia control panel for one or two 24 V electromechanical operators for swing gates

THALIA - I300001 00001 - Built-in - (Spare part code, available for order through the Technical Support network)

- Application: control panel with display for one or two 24V electromechanical operators for swing gates
- Card power supply: 230 V 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
- Compatibility: LIBRA, LIBRA R, LIBRA MA R

	VIRGO SMART BT A 20	VIRGO SMART BT A 20 SLAVE
Control unit	THALIA	
Board power supply	230 V	
Motor voltage	24 V	24 V
Power consumption	110 W	110 W
Max. width of door/gate wing	2 m	2 m
Max. weight of door/gate wing	200 kg	200 kg
Maximum angle	120 °	120 °
Cycle time	14 s	14 s
Type of limit switch	Electromechanical	Electromechanical
Slowdown	Yes	Yes
Locking	Mechanical	Mechanical
Release	Personal key	Personal key
Impact reaction	Electronic torque limiter	Electronic torque limiter
Frequency of use	Semi intensive	Semi intensive
Protection rating	IP44	IP44
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 55 °C

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RECOMMENDED ACCESSORIES

	new N728052 - **LAS** VIRGO BT A slide lever		new P111775 - **TFS** Virgo Smart BT A 3-wire board KIT (1 Kit per engine)
	new N999735 - **AAP** VIRGO SMART BT A misaligned doors accessory		new N998600 - **AMV** Virgo Smart BT A 20 mechanical stop KIT
	N733421 - **RCA** Lever release with steel cable, length 3.5 m. Compatible with BOX.		N733422 - **RCAL** Lever release with steel cable, length 7 m. Compatible with BOX.
	N574039 - **BOX** Wall cabinet for release with steel cable and electric control; cable not included		P125008 - **VIRGO BAT** Set of backup batteries for VIRGO
	D114093 00003 - **RADIUS LED BT A R1** Flashing light with incorporated antenna for motors with 24 V power supply.		D114168 00003 - **RADIUS LED BT A R1 W** Flashing light with incorporated antenna for motors with 24 V power supply. White flashing light.
	D114094 00003 - **RADIUS LED BT A R0** Flashing light without incorporated antenna for motors with 24 V power supply.		

Electromechanical automation systems for 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

VIRGO SMART BT A

Electromechanical automation systems for swing gates

Empowered by U-LINK

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 (including BFT products non-BFT ones 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

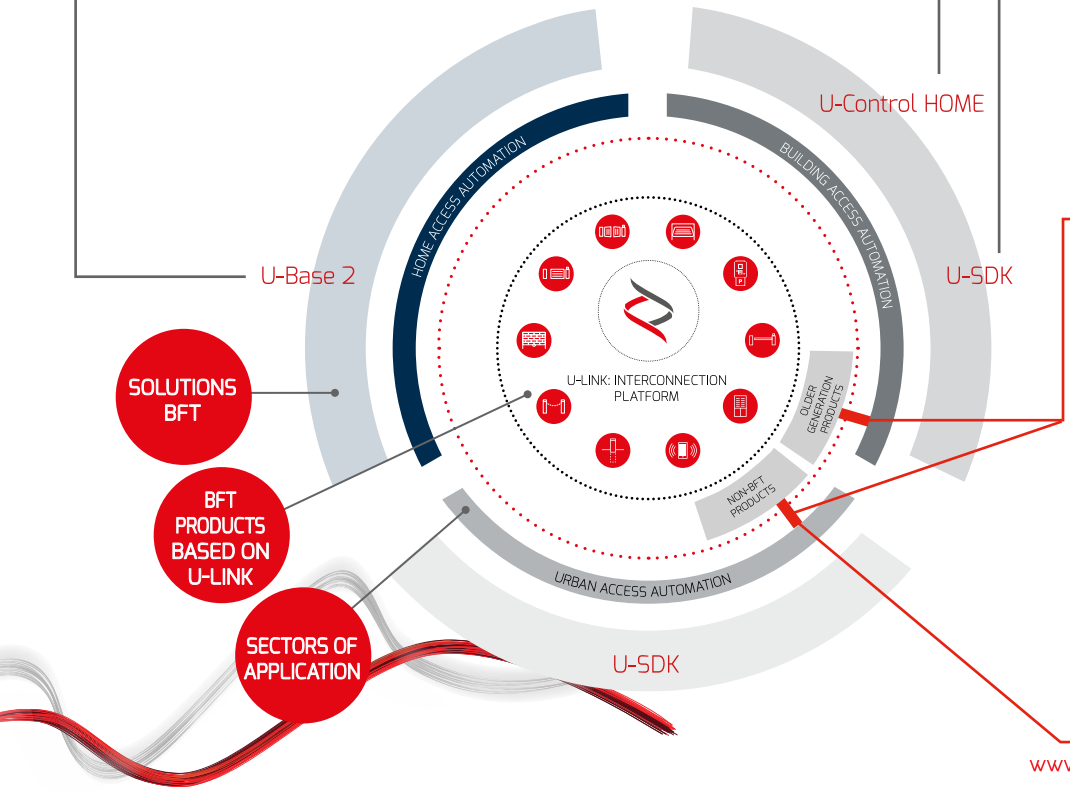
U-Control HOME is the application that allows you to open the gate to your home and to remotely control BFT automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.

U-Base 2

A software package for installation, performing maintenance and identifying any faults in the U-Link compatible operators, easily and conveniently.

U-SDK

U-SDK is the application which allows BFT automations to be made compatible and easily integrated with 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.

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