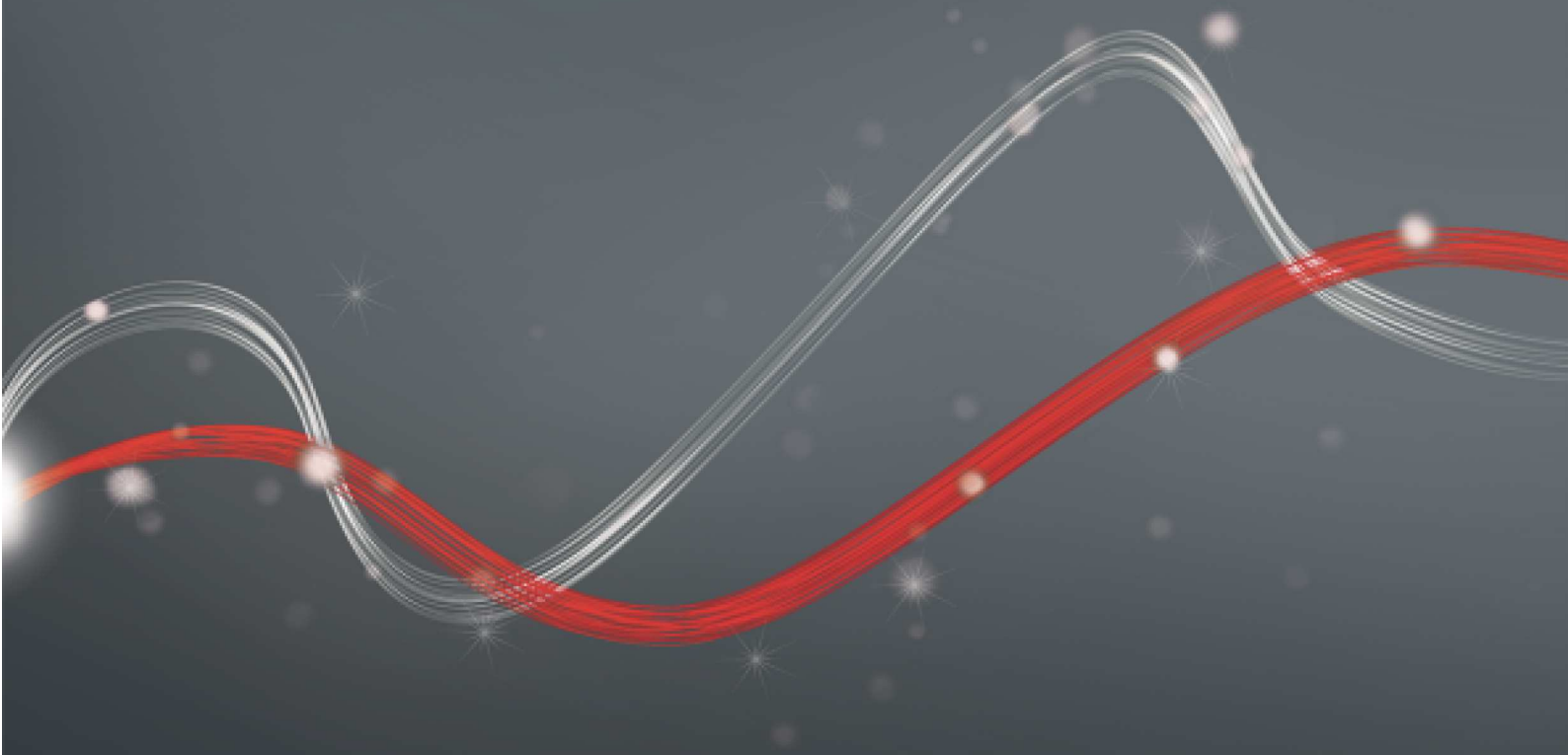
Be ahead

BUILDING
ACCESS AUTOMATION

ICARO ULTRA AC A

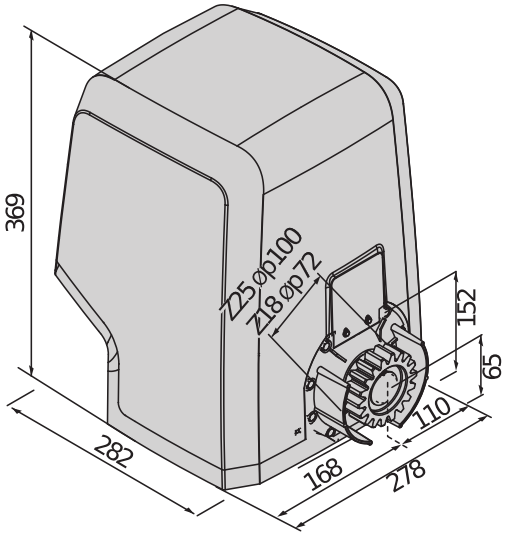


ICARO ULTRA AC A

Sliding gate automation systems

Empowered by U-LINK

BUILDING ACCESS AUTOMATION · er ready · d-track · rolling code · U-Link · ee link · Encoder · Oil Gear



230V operators for sliding gates for very intensive use, extremely robust and high-performance thanks to oil bath transmission. Torque control thanks to D-Track technology and encoder for the highest possible precision of movement. Control unit for communication with U-Link protocol and with tamper-proof function. Operator with magnetic limit switch.
The control unit ensures complete safety thanks to the exclusive torque control system that makes these operators comply fully with the current European standards.
Also available for 120V power supply.

Relevant features

U-LINK

U-Link protocol: the ICARO ULTRA AC A2000 operator is compatible with the U-Link communication protocol, through the integrated LEO B CBB control panel.

d-track

D-Track dynamic path tracking: smart torque management system that constantly updates the gate torque level, improving the safety of the maneuver regardless of weather conditions, temperature or the degree of wear of the system.

Magnetic limit switches: this type of limit switch ensures safe and precise installations in any ambient condition

Oil Gear

Oil Gear: Oil bath gearbox unit. The component gears of the transmission are immersed in an oil bath to ensure perfect lubrication throughout their service life.

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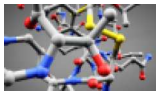
Relevant features



Technopolymers: The combined use of metal and plastic-technopolymer gears provides the perfect engagement between the surfaces, allowing for reduced friction and the highest levels of reliability in intensive use.

Release lever with personalised key: the release lever simplifies motor release and the personalized key ensures its uniqueness, for better safety

Screws on the front: By putting the fastening screws on the front of the casing, installation and maintenance are easier and more convenient, even in confined spaces.

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ICARO ULTRA AC A

Code	Name	Description	
P925238 00002	ICARO ULTRA AC A2000	Operator 230 V for sliding gates up to 2000 kg with relative encoder. Leaf speed 9 m/min . Magnetic limit switch. Equipped with mechanical safety clutch, torque management via D-Track technology and gear unit in oil bath. Control unit for communication with U-Link protocol and with tamper-proof function. Magnetic limit switch. Control unit with display, preconfigured for communication with U-Link protocol.	U-Link
P925238 00001	ICARO ULTRA AC A2000 120 V	120 V operator for sliding gates up to 2000 kg with relative encoder. 9 m/min gate panel speed. Equipped with mechanical safety clutch, torque management via D-Track technology and oil bath gearbox. Limit switch Magnetic. Control unit with display, preconfigured for communication with U-Link protocol.	U-Link
P925257 00001	ICARO ULTRA AC A2000 V 120 V	Operator 120 V for sliding gates up to 1000 kg with relative encoder. Leaf speed 12 m/min . Magnetic limit switch. Equipped with mechanical safety clutch, torque management via D-Track technology and gear unit in oil bath. Control unit for communication with U-Link protocol and with tamper-proof function. Magnetic limit switch. Control unit with display, preconfigured for communication with U-Link protocol.	U-Link

	ICARO ULTRA AC A2000	ICARO ULTRA AC A2000 120 V	ICARO ULTRA AC A2000 V 120 V
Control unit	LEO B CBB L02	LEO B CBB L02	LEO B CBB L02
Board power supply	230 V	120 V	120 V
Motor voltage	230 V	120 V	120 V
Power consumption	750 W	750 W	750 W
Max. door/gate weight	2000 kg	2000 kg	1000 kg
Gate panel speed	9 m/min	9 m/min	12 m/min
Type of limit switch	Magnetic	Magnetic	Magnetic
Pinion module	4	4	4
Slowdown	Yes	Yes	Yes
Locking	Mechanical	Mechanical	Mechanical
Release	Lever-operated with personal key	Lever-operated with personal key	Lever-operated with personal key
Impact reaction	Mechanical clutch + encoder	Mechanical clutch + encoder	Mechanical clutch + encoder
Frequency of use	very intensive	very intensive	very intensive
Protection rating	IP55	IP55	IP55
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 55 °C	-20 ÷ 55 °C

RECOMMENDED ACCESSORIES

D114093 00002 - **RADIUS LED AC A R1**

Flashing light with incorporated antenna for motors with 230 V power supply.

D114094 00002 - **RADIUS LED AC A R0**

Flashing light without incorporated antenna for motors with 230 V power supply.

D114093 00001 - **RADIUS LED AC A R1 120**

Flashing light with incorporated antenna for motors with power supply 120 V .

P111782 - **COMPACTA A20-180**

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

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RECOMMENDED ACCESSORIES

D221073 - **CP**

plastic rack, 4-module, cross-section 22 x 22 mm, length 1 m, screw-fitted into slots attachment Max. load capacity 600 kg.

D571054 - **CFZ**

galvanized steel rack, 4-module, cross-section 22 x 22 mm, length 2 m, welding attachment Max. load capacity 2000 kg.

N999156 - **SFI**

Base plate for ARES and ICARO (supplied with operator)

P111468 - **B EBA RS 485 LINK**

Expansion board for connection of central units with serial controls management

N999320 - **CVZ-S**

steel rack, 4-module, cross-section 30 x 8 mm, length 1 m, screw-fitted on supports attachment Max. load capacity 800 kg.

D571053 - **CVZ**

steel rack, 4-module, cross-section 30 x 12 mm, length 1 m, screw-fitted on supports attachment Max. load capacity 1000 kg.

P125018 - **THEKE B PRA 01**

Metal protection box for ARES and ICARO series sliding operators

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

Sliding gate automation systems

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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

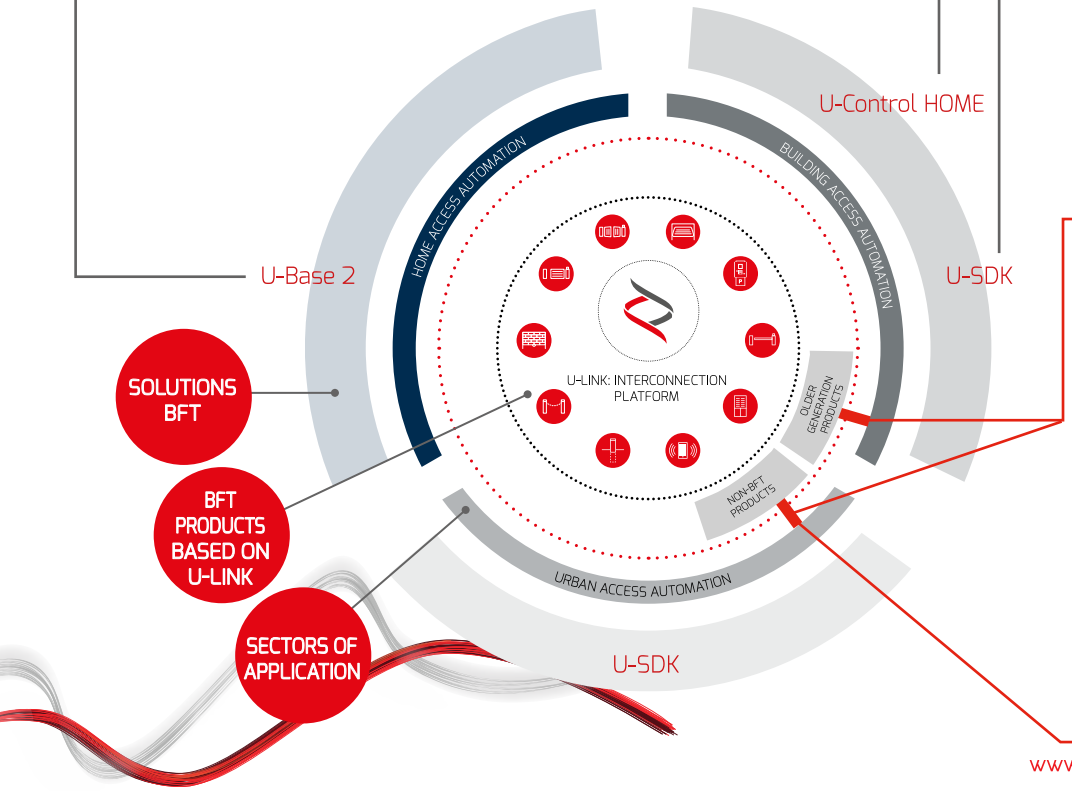
U-Control HOME is the application that allows you to open the gate to your home and to remotely control BFT automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.

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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