



Be ahead



ICARO SMART AC A





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Sliding gate automation systems



Encoder



Oil Gear



U-Link



rolling code



d-track



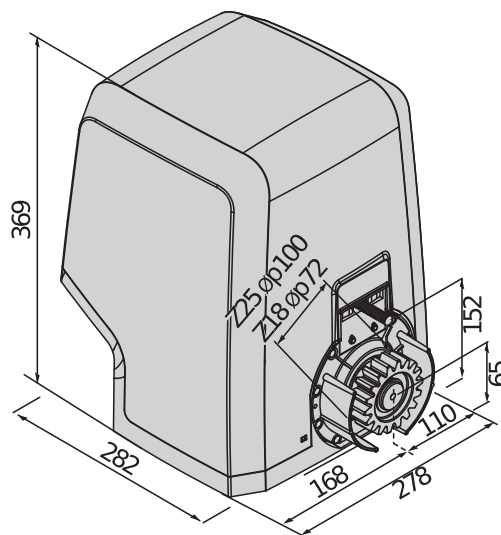
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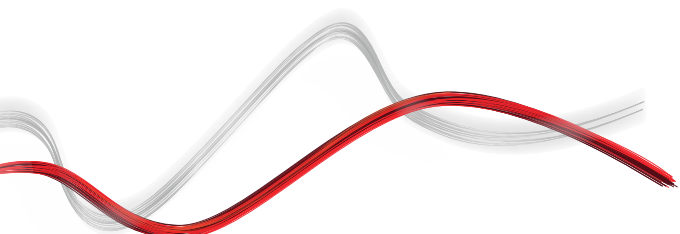
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Empowered by
U-LINK



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 electromechanical 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.





ICARO SMART AC A



Sliding gate automation systems



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ICARO SMART AC A

Code	Name	Description	
P925236 00002	ICARO SMART AC A2000	230 V operator for sliding gates up to 2000 kg with relative encoder. Gate panel speed 9 m/min . Electromechanical limit switch. Equipped with mechanical safety clutch, torque management via D-Track technology and oil bath gearbox. Control unit with display, preconfigured for communication with U-Link protocol.	U-Link
P925236 00003	ICARO SMART AC A2000 SQ	Operator 230 V for sliding gates up to 2000 kg in weight. Leaf speed 9 m/min. Limit switch Electromechanical.	
P925237 00002	ICARO SMART AC A2000 V	230 V operator for sliding gates up to 1000 kg with relative encoder. Gate panel speed 12 m/min . Electromechanical limit switch. Equipped with mechanical safety clutch, torque management via D-Track technology and oil bath gearbox. Electromechanical limit switch. Control unit with display, preconfigured for communication with U-Link protocol	U-Link
P925237 00003	ICARO SMART AC A2000 V SQ	Operator 230 V for sliding gates up to 1000 kg in weight. Leaf speed 12 m/min. Limit switch Electromechanical.	U-Link
P925236 00001	ICARO SMART AC A2000 120	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 Electromechanical. Control unit with display, preconfigured for communication with U-Link protocol.	U-Link
P925237 00001	ICARO SMART AC A2000 V 120	120 V operator for sliding gates up to 1000 kg with relative encoder. Gate panel speed 12 m/min . Electromechanical limit switch. Equipped with mechanical safety clutch, torque management via D-Track technology and oil bath gearbox. Control unit preconfigured for communication with U-Link protocol and with tamper-proof function. Operator with encoder and torque control using D-Track technology.	U-Link

	ICARO SMART AC A2000	ICARO SMART AC A2000 SQ	ICARO SMART AC A2000 V
Control unit	LEO B CBB L02	-	LEO B CBB L02
Board power supply	230 V	- V	230 V
Motor voltage	230 V	230 V	230 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	Electromechanical	Electromechanical	Electromechanical
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	IP24	IP24	IP24
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 60 °C	-20 ÷ 55 °C

	ICARO SMART AC A2000 V SQ	ICARO SMART AC A2000 120	ICARO SMART AC A2000 V 120
Control unit	-	LEO B CBB L02	LEO B CBB L02
Board power supply	- V	230 V	230 V
Motor voltage	230 V	120 V	120 V
Power consumption	750 W	750 W	750 W













Sliding gate automation systems



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	ICARO SMART AC A2000 V SQ	ICARO SMART AC A2000 120	ICARO SMART AC A2000 V 120
Max. door/gate weight	1000 kg	2000 kg	1000 kg
Gate panel speed	12 m/min	9 m/min	12 m/min
Type of limit switch	Electromechanical	Electromechanical	Electromechanical
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	IP24	IP24	IP24
Environmental conditions	-20 ÷ 55 °C	-20 ÷ 55 °C	-20 ÷ 55 °C

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.		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.		D571054 - CFZ galvanized steel rack, 4-module, cross-section 22 x 22 mm, length 2 m, welding attachment Max. load capacity 2000 kg.
	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.
	P111782 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.		N999156 - SFI Base plate for ARES and ICARO (supplied with operator)
	P125018 - THEKE B PRA 01 Metal protection box for ARES and ICARO series sliding operators		P111468 - B EBA RS 485 LINK Expansion board for connection of central units with serial controls management



Sliding gate automation systems



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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



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.



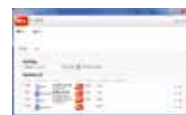
U-Control HOME

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.

