



Gate
Automation



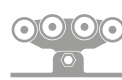
Boom
Gates



Rising
Bollards



Automatic
Doors



Gate
Hardware



Cantilever



100%
Made in Italy



BENINCÀ

A LONG HISTORY OF 45 YEARS

In 1979, Benincà Group was born, with a strong bond between two brothers, and a great desire for being independent for the production of automation devices for gates.

One was a mechanic and the other an electrician, Aldo and Luigi were really young. Nevertheless, their father had no doubt to let them start a business by using the land of the family. They demonstrated what they firmly believed, that they could achieve big things together.

A photograph of two men, Aldo and Luigi Benincà, standing in a field of tall, golden-brown grass. The man on the left is wearing a white shirt and dark trousers, holding a dark jacket. The man on the right is wearing a grey suit jacket over a blue shirt and grey trousers. They are both looking towards the right. The background shows a line of green trees under a blue sky with light clouds.

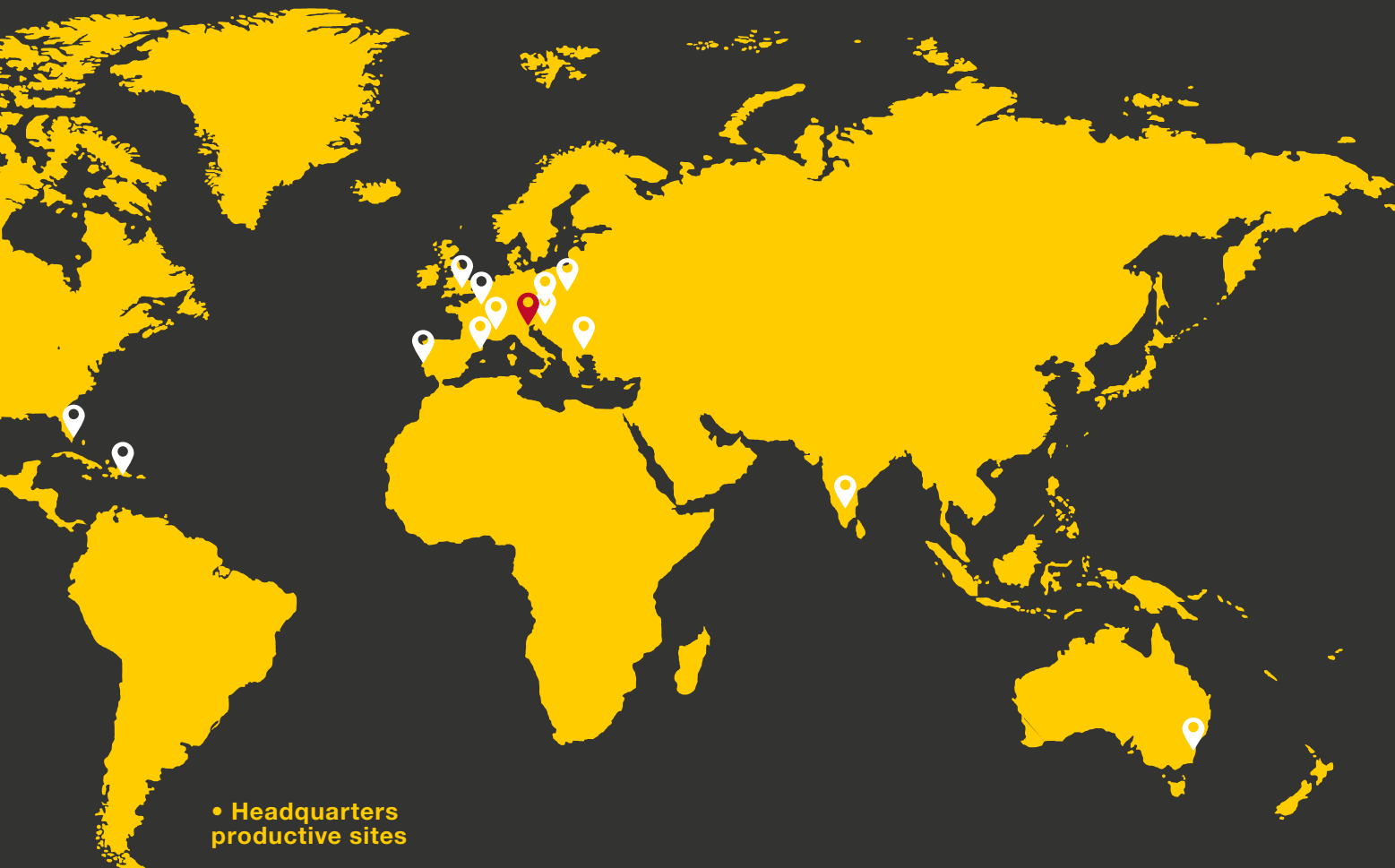
Aldo and Luigi Benincà
FOUNDERS



THE BENINCÀ WORLD

- 1 headquarters
- 7 productive sites
- 12 subsidiaries

The group is able to share the competencies and experiences by planning solutions. In doing so, they enhance the lives of people all around the world with their safety and the movement of things.



• Headquarters productive sites

Italy

AUTOMATISMI BENINCÀ SpA
Sandrigo (Vicenza)

HI-MOTIONS Srl
Sarcedo (Vicenza)

MYONE Srl
Quarto D'Altino (Venice)

CAB
Velo D'Astico (Vicenza)

RISE Srl
Velo D'Astico (Vicenza)

APROMIX RFID Srl
Bassano del Grappa (Vicenza)

SEAV Srl
Osimo (Ancona)

• European Subsidiaries

Bulgaria
BESIDE Ltd
Sofia

Croatia
BENINCÀ AUTOMATIKA D.O.O.
Rijeka

France
BENINCÀ FRANCE S.A.R.L.
Saint Priest

Poland
BENINCÀ POLONIA SP.ZO.O
Czosnów

Czech Republic
BENINCÀ CS s.r.o.
Prague

England
BENINCÀ UK Ltd
Newbury

France
BENINCÀ FRANCE
AGENCE NORD OUEST
Villebon sur Yvette

Portugal
B2U PORTAS E AUTOMATISMOS
Venda do Pinheiro

Spain
BENINCÀ NORTE S.L
Barcelona

• Extra-European Subsidiaries

Australia
BENINCÀ AUSTRALIA PTY Ltd
Sidney

Dominican Republic
BENINCÀ DOMINICANA
Santo Domingo

India
BENINCÀ INDIA
Bangalore

USA
BENINCÀ USA
Miami



Why choose Benincà

In late 2018, the decision to create an even stronger position in the Australian market was made. By bringing together over 20 years of local knowledge of the market, along with the international backing of the powerful Benincà Group, the Benincà Australia Branch was established in April 2019.

With tremendous support from existing partners, we have been able to provide our customers with the full range of quality products offered by the Benincà Group, including Benincà, CAB, Hi-Motions, Rise and Myone. As our strategy has always been to align with professional partners, we continue to listen and understand the needs of the market and develop accordingly. Our focus is on developing relationships with professional partners and clients who have tremendous reputations in the industry. We are fortunate to have great representatives of our products. These close working relationships allow us to provide the right solutions for our customer's needs, along with great customer service, technical support and product availability.



100%
Made in Italy

Solutions for domestic, commercial and industrial applications. A wide range of cutting-edge products and solutions designed to meet all market demands.

Products, 100% made in Italy, rigorously tested and characterized by a high level of quality and innovation, all at the right price. They are interconnected and integrate seamlessly with home automation systems.

High level of after sales service and technical support. A network of installers undergoing a continuous training program to acquire the skills and expertise required by an increasingly demanding market.

Market leaders in quality and reliability at competitive rates.



Prompt
delivery times.



Complete stock of
finished products.



Dedicated
technical hotline.



Individual training
sessions.



Spare parts
always available.



100%
Made in Italy



INNOVATION AND SECURITY

The dialogue with professional users has enabled us to develop products with a high technological content, guaranteeing security, reliability and high levels of performance. In order to guide the selection within our range of products we have highlighted some of these characteristics by means of a precise series of symbols.

ANTI-CLONING ENCODING

Advanced Rolling Code (ARC) is the code introduced by our company to guarantee maximum anti-cloning security due to the length of the transmitted code (128-bit, rather than 64-bit) and the high number of possible combinations (3.4×10^{39}).



433.92 MHz Receiver equipped with Advanced Rolling Code (ARC)

INNOVATION AND COMPLIANCE WITH REGULATIONS



This device guarantees maximum precision during the automation manoeuvring steps. In the operators it indicates the physical presence of the device, in the control units it indicates its management.



The control unit recreates the encoder signal starting from the measurement of certain parameters of the electric motor.



Intelligent power control system that allows obtaining dynamic data through a precise calculation of the thrust. The system is able to locate any critical points and adjust the torque accordingly in relation to actual requirements and according to measured performance.



Protocol for link with KNX home automation systems by connection of the X.BE card (optional).

PERFORMANCE



Range of products characterised by an opening speed which is much higher than standard values.



The inverter technology allows the speed of the motor to be gradually varied, during both acceleration and deceleration, as well as guaranteeing a more precise adjustment of the gate movement phases and a greater anti-crushing safety.



Identifies electromechanical operators with oil bath.



Identifies hydraulic operators.

FUNCTIONS



Predisposition to manage the control unit using the BeUP app and pro.UP accessory which, by recreating the control unit menu, makes it possible to adjust parameters and logic, read error messages and update the firmware. It is possible to perform remote diagnostics, check the status of the gate and send commands.



This function automatically adjusts the operational parameters for simplifying the system's installation and testing operations.



This is used to set the number of cycles after which the required maintenance of the system is signaled.



This allows a code to be entered for protection of the control unit programming, to prevent access to menus and modification of parameters.



This indicates the number of transmitters which can be stored inside the receiver.

QUALITY AND MADE IN ITALY

In-house production and careful selection of the materials are key elements of our “doing automation”. Craftsmanship has evolved over the years to create space for industrial processes, enabling us to achieve many more of those objectives of excellence which form part of our DNA.



100%

Made in Italy

Thanks to the passion for our work and the investments made, we have always maintained in-house production over the years. This has enabled us to obtain the 100% made in Italy certificate.



The Automatismi Benincà quality control system has been certified by TÜV Italia in accordance with ISO 9001. The certificate declares compliance with international standard ISO 9001 and confirms the undertaking of the company to safeguard the organisational system as required by the standard.



All the products are subjected to pre-compliance tests with the aim of verifying immunity to disturbances and emissions within the maximum limits according to EU regulations. This demonstrates whether the product is able to obtain CE certification. All the Benincà products have obtained this certification.



Being a KNX member means developing products which are certified by the association as compatible with the universal protocol for management of houses and buildings in general. Integration of systems with this protocol in fact makes the automation devices perfectly compatible with the most sophisticated home automation systems.



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GUIDE FOR CHOOSING

Choose the weight and the length in the chart and find out the most suitable model

• BOB | LINEAR WORM SCREWS

		LEAF MAX WEIGHT									
		200 kg	250 kg	300 kg	350 kg	400 kg	450 kg	500 kg	600 kg	700 kg	800 kg
GATE LENGHT	2,0 m	BOB30M BOB3024E	BOB30M BOB3024E	BOB30M BOB3024E	BOB30M BOB3024E	BOB30M BOB3024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M
	2,5 m	BOB30M BOB50M BOB3024E BOB5024E	BOB30M BOB50M BOB3024E BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	BOB50M
	3 m	BOB30M BOB50M BOB3024E BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	
	3,5 m	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	BOB50M			
	4 m	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	BOB50M				
	4,5 m	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	BOB50M					
5 m	BOB50M BOB5024E	BOB50M BOB5024E	BOB50M	BOB50M							

• TOM | LINEAR TELESCOPIC OPERATOR

		LEAF MAX WEIGHT										
		150 kg	200 kg	250 kg	300 kg	350 kg	400 kg	450 kg	500 kg	550 kg	600 kg	700 kg
GATE LENGHT	2,0 m	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM5024E	TOM5024E	TOM5024E
	2,5 m	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM5024E	TOM5024E	TOM5024E	TOM5024E	
	3 m	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM3024E TOM5024E	TOM5024E	TOM5024E	TOM5024E	TOM5024E			
	3,5 m	TOM5024E	TOM5024E	TOM5024E	TOM5024E	TOM5024E	TOM5024E					
	4 m	TOM5024E	TOM5024E	TOM5024E	TOM5024E	TOM5024E						
	4,5 m	TOM5024E	TOM5024E	TOM5024E	TOM5024E							
	5,0 m	TOM5024E	TOM5024E	TOM5024E								



• SAM - PREMIER | ARTICULATED ARM

		LEAF MAX WEIGHT								
		150 kg	200 kg	250 kg	280 kg	300 kg	350 kg	400 kg	500 kg	600 kg
GATE LENGHT	1 m	SAM	SAM	SAM	SAM PR.45E	SAM PR.45E	PR.45E	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24
	1,5 m	SAM	SAM	SAM PR.45E	SAM PR.45E	PR.45E	PR.45E	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24
	1,8 m	SAM	SAM PR.45E	SAM PR.45E	SAM PR.45E	PR.45E	PR.45E	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24
	2,1 m	SAM PR.45E	SAM PR.45E	SAM PR.45E	PR.45E	PR.45E	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24
	2,5 m	SAM PR.45E	PR.45E	PR.45E	PR.45E	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	
	3 m	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24	PR.45E PR.45E24		

• DU.IT - DU.350 | UNDERGROUND INSTALLATION

		LEAF MAX WEIGHT								
		250 kg	300 kg	350 kg	400 kg	500 kg	550 kg	600 kg	700 kg	800 kg
GATE LENGHT	1,5 m	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N DU.350NVE
	2,1 m	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N
	2,5 m	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N	
	3 m	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350NVE	DU.IT24NVE DU.350N DU.350NVE	DU.350N DU.350NVE	DU.350N	DU.350N		
	3,5 m	DU.IT24NVE DU.350N	DU.IT24NVE DU.350N	DU.IT24NVE DU.350N	DU.350N	DU.350N	DU.350N			
	4 m	DU.350N	DU.350N	DU.350N	DU.350N	DU.350N				

NOTES:

 We recommend the use of an electric lock

In the event of wind and a solid door the operating limits may vary.

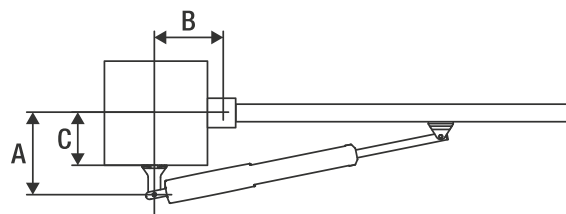
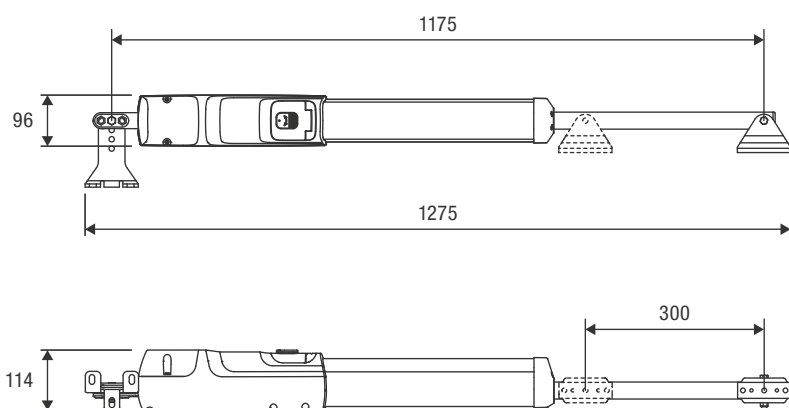
TOM3024E

24VDC



Linear telescopic operator with encoder, adjustable mechanical stops in opening and closing and easy manual release operation by key

each leaf up to 3.0 m



SKTOM3024E - single leaf

1x TOM3024E ^{ANZ}	959004225	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

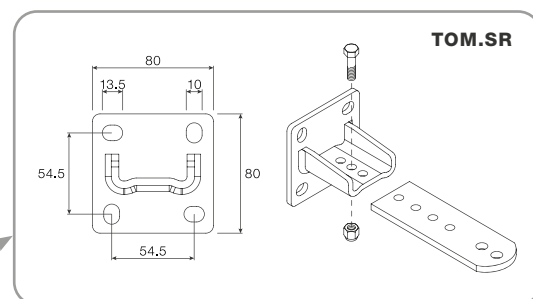
KTOM3024E - double leaf

2x TOM3024E ^{ANZ}	959004225	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

TOM.SR	981903026	Multiposition brackets to screw
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

A (mm)	B (mm)	C (mm)
100-182.5	110-200	25-110



Max absorbed current	5.5 A
Max thrust	1,500 N
Opening time	11"
Duty cycle	intensive use
Standard stroke	300 mm
Protection level	IP44
Operating temperature	-20°C / +50°C

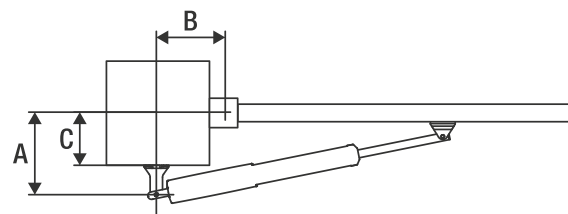
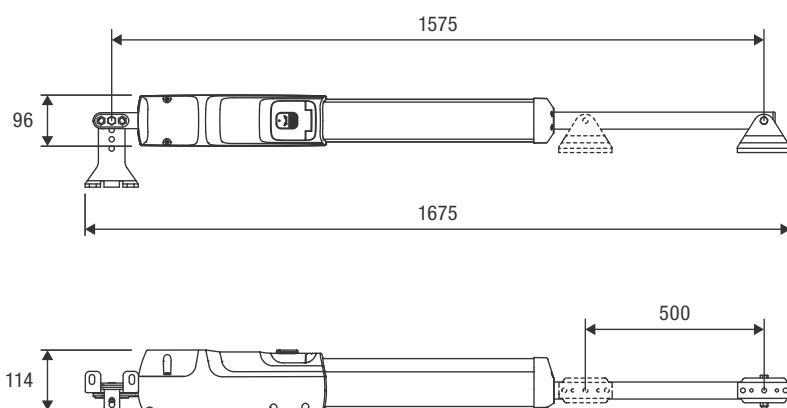
TOM5024E

24VDC



Linear telescopic operator with encoder,
adjustable mechanical stops in opening and closing
and easy manual release operation by key

each leaf up to 5.0 m



SKTOM5024E - single leaf

1x TOM5024E	959103381	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

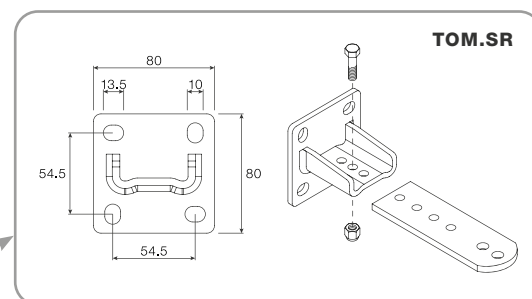
KTOM3024E - double leaf

2x TOM5024E	959103381	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

TOM.SR	981903026	Multiposition brackets to screw
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

A (mm)	B (mm)	C (mm)
100-272.5	150-250	25-200



Max absorbed current	5.5 A
Max thrust	1,500 N
Opening time	19"
Duty cycle	intensive use
Standard stroke	500 mm
Protection level	IP44
Operating temperature	-20°C / +50°C

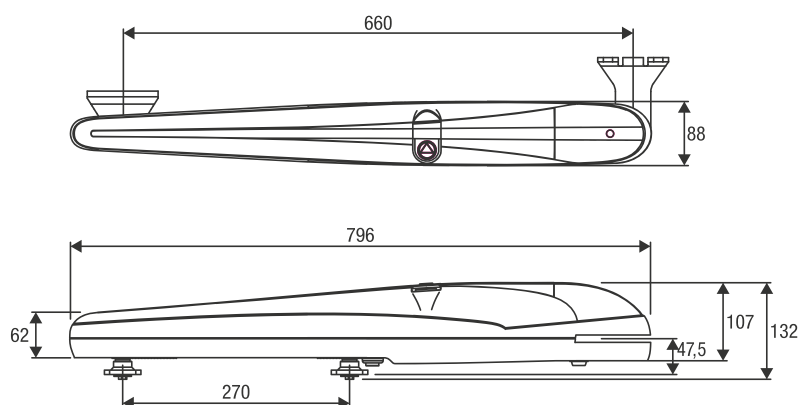
BOB3024E.DK

24VDC



Linear worm screw operator with encoder,
adjustable mechanical stops in opening and closing
and easy manual release operation by key

each leaf up to 3.0 m



SKBOB3024E.DK - single leaf

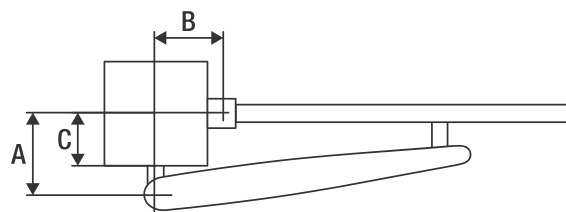
1x BOB3024E.DK	959103060	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB3024E - double leaf

2x BOB3024E.DK	959103060	24 Vdc operator with encoder and brackets to screw
1x TRUST24.LB	917603988	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

B.SR	9819310	Multiposition brackets to screw
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box



A (mm)	B (mm)	C (mm)
105-135	115-135	50-80

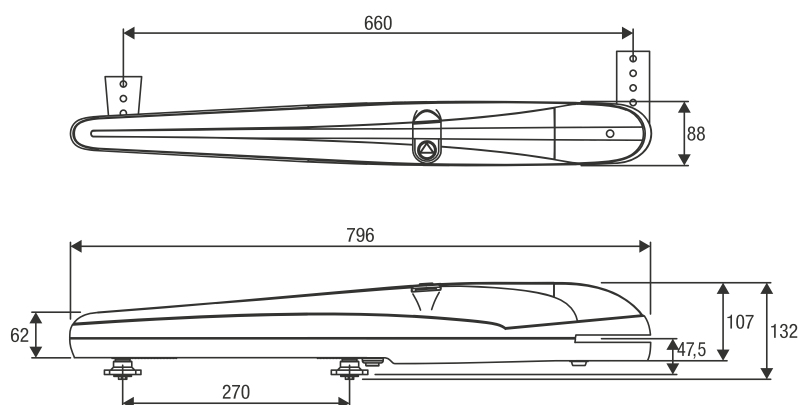
Max absorbed current	5.5 A
Max thrust	1,500 N
Opening time	12"
Duty cycle	intensive use
Standard stroke	270 mm
Protection level	IP44
Operating temperature	-20°C /+50°C

BOB30M

~
240_{VAC}

Linear worm screw operator with adjustable mechanical stops in opening and closing and easy manual release operation by key

each leaf up to 3.0 m



SKBOB30M - single leaf

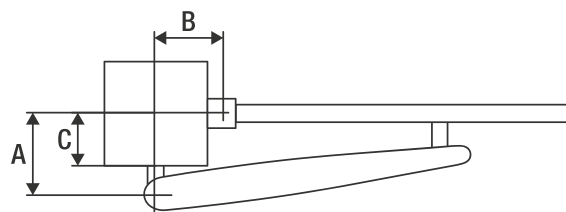
1x BOB30M	9591535	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
1x B.SR	9819310	Multiposition brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB30M - double leaf

2x BOB30M	9591535	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
2x B.SR	9819310	Multiposition brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box



A (mm)	B (mm)	C (mm)
105-135	115-135	50-80

Max absorbed current	1.8 A
Max thrust	2,300 N
Opening time	18"
Duty cycle	30%
Standard stroke	270 mm
Protection level	IP44
Operating temperature	-20°C / +50°C

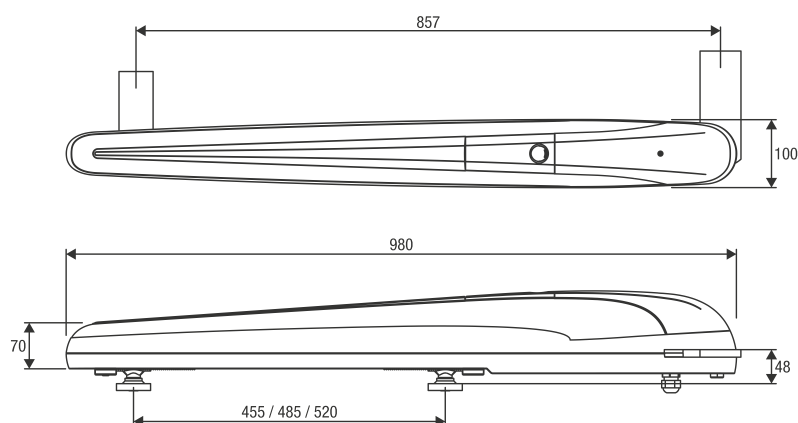
BOB5024E

24VDC



Linear worm screw operator with encoder,
adjustable mechanical stops in opening and closing
and easy manual release operation by key

each leaf up to 5.0 m



SKBOB5024E - single leaf

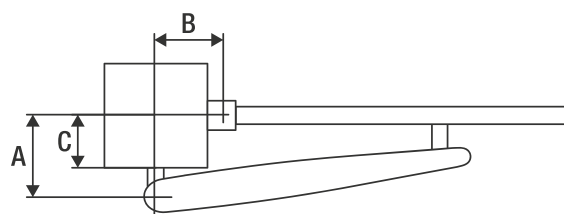
1x BOB5024E	9591328	24 Vdc operator with encoder
1x BRAINY24 ^{PLUS}	917603712	24 Vdc control unit with radio receiver and battery charger
1x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB5024E - double leaf

2x BOB5024E	9591328	24 Vdc operator with encoder
1x BRAINY24 ^{PLUS}	917603712	24 Vdc control unit with radio receiver and battery charger
2x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box



A (mm)	B (mm)	C (mm)
150-225	150-225	90-155

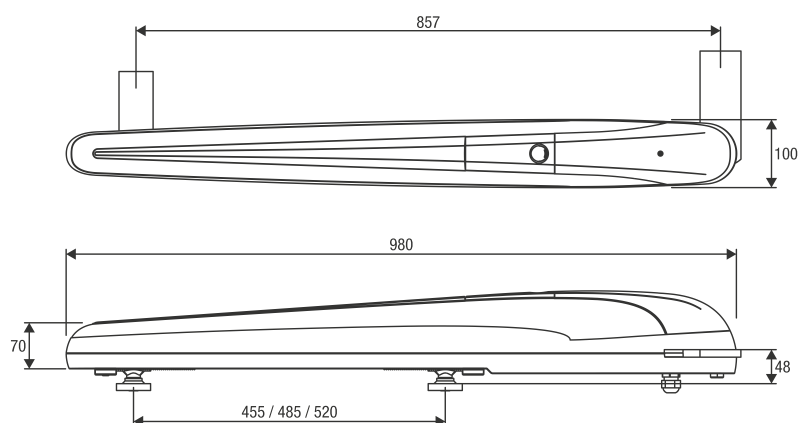
Max absorbed current	6.7 A
Max thrust	2,200 N
Opening time	21"
Duty cycle	intensive use
Standard stroke	455 mm
Protection level	IP44
Operating temperature	-20°C / +50°C

BOB50M

~
240VAC

Linear worm screw operator with adjustable mechanical stops in opening and closing and easy manual release operation by key

each leaf up to 5.0 m



SKBOB50M - single leaf

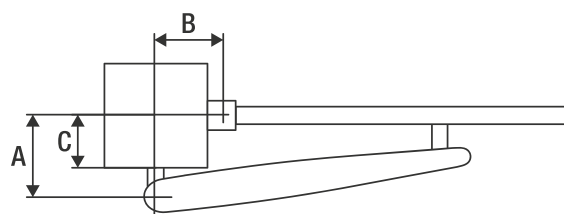
1x BOB50M	9591022	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
1x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB50M - double leaf

2x BOB50M	9591022	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
2x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box



A (mm)	B (mm)	C (mm)
150-225	150-225	90-155

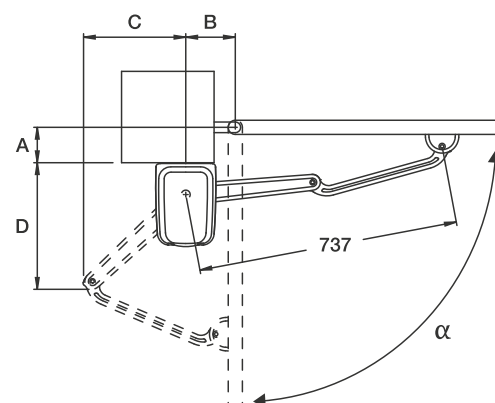
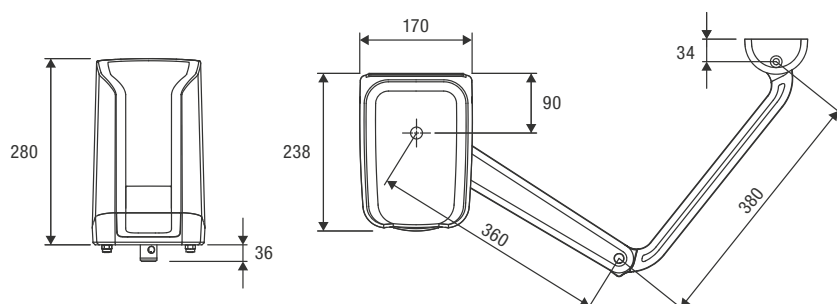
Max absorbed current	1.4 A
Max thrust	3,500 N
Opening time	26"
Duty cycle	30%
Standard stroke	455 mm
Protection level	IP44
Operating temperature	-20°C / +50°C

SAM



Articulated arm operator with encoder,
adjustable mechanical stops in opening and closing,
built-in control unit and receiver

each leaf up to 2.5 m



SKSAM - single leaf

1x SAM.E24	959002581	24 Vdc operator with control unit and radio receiver
1x SAM.BA	909902583	Aluminium arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KSAM - double leaf

1x SAM.E24	959002581	24 Vdc operator with control unit and radio receiver
1x SAM.24	959002582	24 Vdc operator
2x SAM.BA	909902583	Aluminium arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

SAM.BS	909902698	Sliding arm
SAM.SN	909902692	Articulated arm for inclined gates up to ± 13 degrees
SAM.STOP	938802662	Additional mechanical stop
SAM.LOCK	976502664	Cylinder release lock with key
SAM.SE	909002666	Externally fitted anti-intrusion cable unlock device
SAM.CB	952002636	Brackets and cables for batteries installation
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

α	A (mm)	B (mm)	C (mm)	D (mm)
90°	20	140	260	390
90°	50	140	270	380
90°	120	140	300	350
90°	200	140	315	330
90°	280	150	300	345
100°	50	160	330	305
105°	100	200	360	255
110°	50	210	365	240
120°	20	250	380	180

Max absorbed current	1.9 A (SAM.E24)
Max absorbed current	5.5 A (SAM.24)
Torque	220 Nm
Opening time	14" (including slowdown)
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C / +50°C

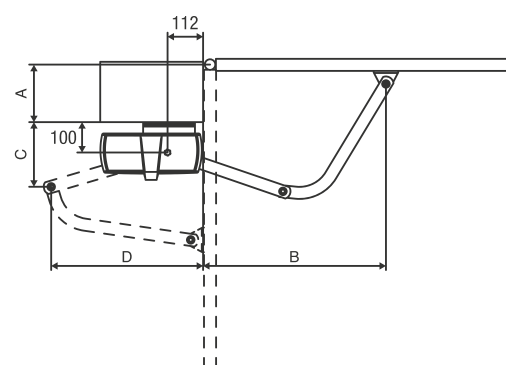
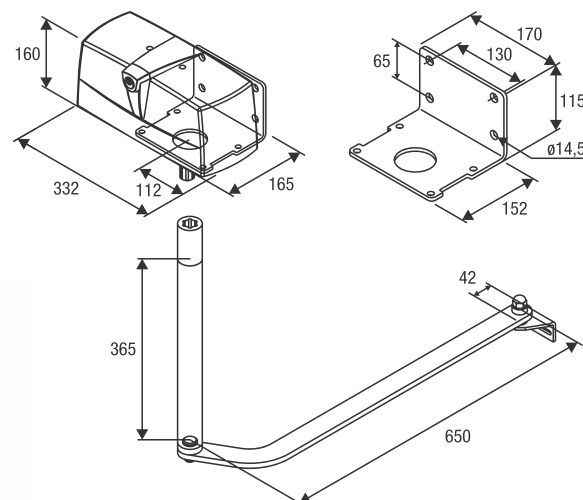
PREMIER

 240_{VAC}

 24_{VDC}


Articulated arm operator with
limit switches in opening and closing

each leaf up to 3.0 m



KPR

2x PR.45E	9590684	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
2x DU.E2	9099011	Galvanised steel arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KPR.24

2x PR.45E24	9590686	24 Vdc operator
1x BRAINY24 ^{PLUS}	917603712	24 Vdc control unit with radio receiver and battery charger
2x DU.E2	9099011	Galvanised steel arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

PR.BSL	909901562	Left sliding arm
PR.BSR	909901566	Right sliding arm
PR.SN	909901490	Uplifting arm up to ±13 degrees
PR.PL	962301565	Lengthwise fixing plate
MB.SE	9090012	Externally fitted anti-intrusion cable unlock device
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

A (mm)	B (mm)	C (mm)	D (mm)
50	883	277	429
150	851	181	466
200	828	117	475
250	800	32	469
300	846	28	468

PR.45E

Max absorbed current	1.75 A
Torque	325 Nm
Opening time	13"
Duty cycle	30%
Protection level	IP44
Operating temperature	-20°C / +50°C

PR.45E24

Max absorbed current	9 A
Torque	320 Nm
Opening time	9"
Duty cycle	80%
Protection level	IP44
Operating temperature	-20°C / +50°C

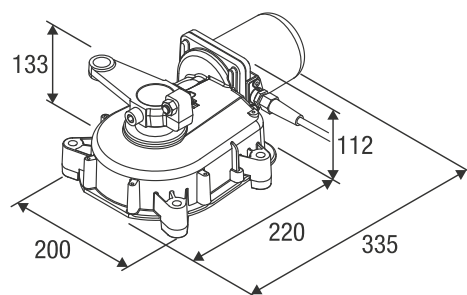
DU.IT24NVE

24VDC



Operator for underground installation
equipped with IP68 encoder

each leaf up to 3.5 m

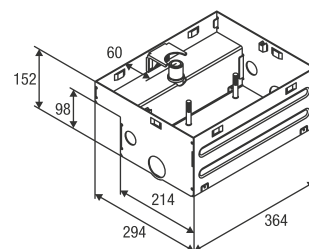


DU.IT24NVE Configuration

2x DU.IT24NVE	9591457	24 Vdc operator with encoder
2x DU.ITIX	9150039	Self-supporting stainless steel foundation box
2x SB.DUIT.K	9747101	Kit comprising personalised release key and components
1x BRAINY24 ^{PLUS}	917603712	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

SB.DU180.K	9747097	Set for openings up to 180° with personalised release key
DU.FCN	9567015	Watertight limit switches unit with cam holder disk included
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code



Max absorbed current	11 A
Torque	280 Nm
Opening time	15"
Duty cycle	intensive use
Protection level	IP67
Operating temperature	-20°C / +50°C

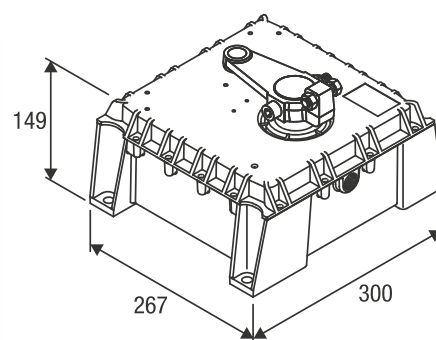
DU.350

240VAC



Operators in oil bath
for underground installation

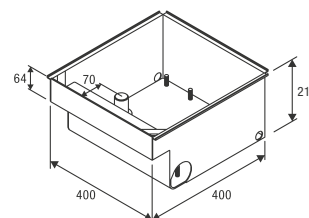
each leaf up to 4.0 m



DU.350N	9590695	240 Vac operator
DU.350NVE	9592029	240 Vac operator, quick version with encoder

TO COMPLETE THE CONFIGURATION:

BRAINY	9176213	240 Vac control unit with radio receiver
DU.350IX	915003690	Self-supporting stainless steel foundation box
SB.DU350.K	9747102	Kit comprising personalised release key and mechanical stop
SB.180.K	9747095	Set for openings up to 180° with personalised release key
DU.350FC	9567001	Watertight limit switches with cam disk included
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code



	DU.350N	DU.350NVE
Max absorbed current	1.7 A	1.7 A
Torque	450 Nm	370 Nm
Opening time	22"	16"
Duty cycle	intensive use	intensive use
Protection level	IP67	IP67
Operating temperature	-20°C / +50°C	-20°C / +50°C

HD.5024EAC

24VDC

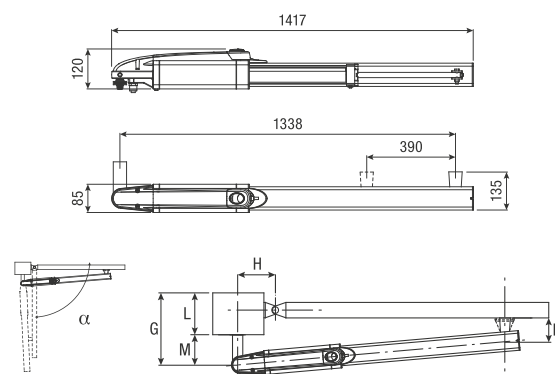


* For leaves longer than 2.5 m
we recommend installing
the electric lock

CAB
MORE THAN AUTOMATION

Hydraulic operator with encoder, opening
and closing blocks, front/rear joints
and electronic slowdown

each leaf up to 5.0 m



HD.5024EAC Configuration

2x HD.5024EAC	9592554	24 Vdc hydraulic operator with encoder
1x BRAINY24 ^{PLUS}	917603712	24 Vdc control unit with radio receiver and battery charger
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

HD.STL	9117031	Internal mechanical stop in opening and closing
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

α	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)	T (s)
90°	195	195	145	50	100	40
100°	180	180	145	50	100	36
110°	130	170	120	50	100	30

Max absorbed current	5 A
Max thrust	4,000 N
Ram speed	2 cm/s
Duty cycle	intensive use
Standard stroke	390 mm
Max leaf weight	500 kg
Protection level	IP55
Operating temperature	-20°C / +50°C

HD.80

240VAC

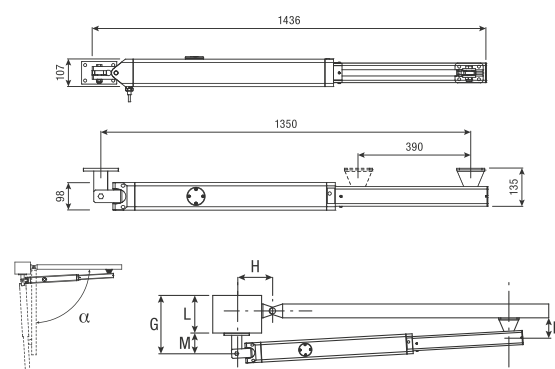


Reversible hydraulic operator
with front/rear joints and hydraulic slowdown

each leaf up to 8.0 m



* For leaves longer than 2.5 m
we recommend installing
the electric lock

CAB
MORE THAN AUTOMATION


HD.80 Configuration

2x HD.80	9592303	240 Vac reversible hydraulic operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
1x E.LOCK	9765002	240 Vac vertical electric lock with counterplate
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

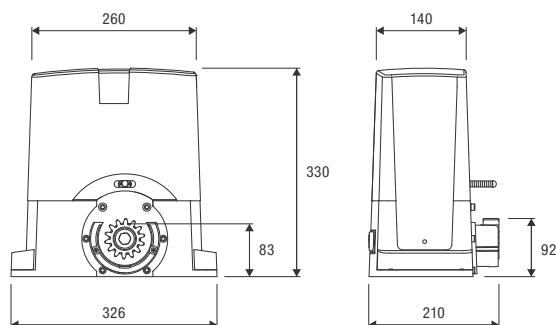
α	G (mm)	H (mm)	L (mm)	M (mm)	N (mm)	T (s)
90°	195	195	130	65	100	50
100°	180	180	115	65	100	50
110°	165	175	100	65	100	50
120°	140	175	65	65	100	49

Max absorbed current	1.3 A
Max thrust	10,000 N
Ram speed	0.75 cm/s
Duty cycle	intensive use
Standard stroke	390 mm
Max leaf weight	1,000 kg
Protection level	IP55
Operating temperature	-20°C / +50°C

BULL424SE

Operator with built-in control unit, receiver, battery charger and virtual encoder

up to 450 kg



KBULL424SE

1x BULL424SE	959003654	24 Vdc operator with built-it control unit
4x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

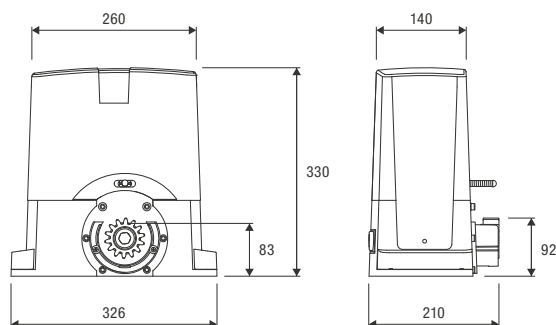
TO COMPLETE THE KIT:

BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL624SE

Operator with built-in control unit, receiver, battery charger and virtual encoder

up to 600 kg



KBULL624SE

1x BULL624SE	959002693	24 Vdc operator with built-it control unit
4x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

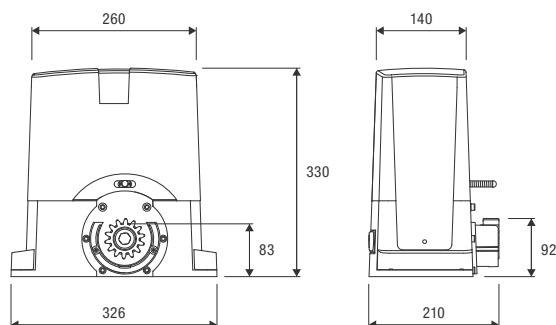
BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

Max absorbed current	1.8 A
Max thrust	650 N
Opening speed	235 mm/s
Duty cycle	80%
Driving gear for rack	M4 Z14
Protection level	IP44
Operating temperature	-20°C / +50°C

BULL424SW

Operator with built-in control unit, receiver, battery charger and virtual encoder

up to 450 kg



KBULL424SW

1x BULL424SW	959003654	24 Vdc operator with built-it control unit
4x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

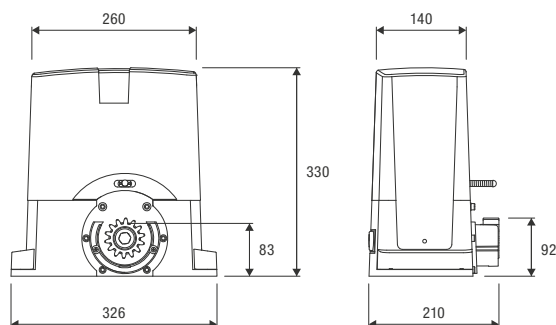
TO COMPLETE THE KIT:

BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL624SW

Operator with built-in control unit, receiver, battery charger and virtual encoder

up to 600 kg



KBULL624SW

1x BULL624SW	959002693	24 Vdc operator with built-it control unit
4x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

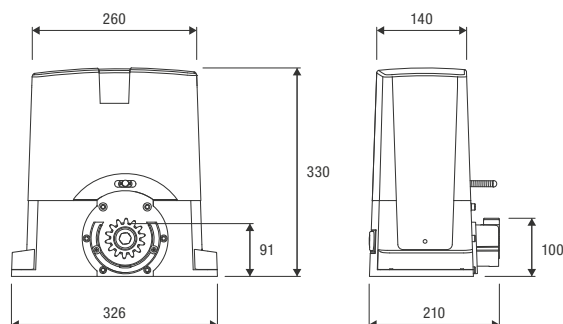
TO COMPLETE THE KIT:

BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL624^{TURBO}

High speed operator with built-in control unit, receiver, battery charger and virtual encoder

up to 600 kg



KBULL624 TURBO

1x BULL624 ^{TURBO}	9592632	24 Vdc operator with control unit and radio receiver
4x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

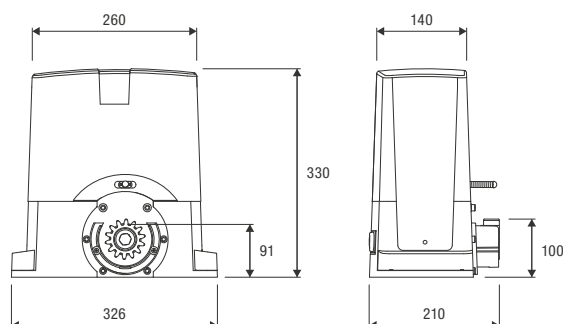
BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
BULL624T.CB	976000963	Kit comprising 5 cables and 5 brackets for battery installation
SIS	9760075	Quick connection board for operation of opposite gates
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL8 OM



Operator in oil bath with built-in control unit, receiver and encoder

up to 800 kg



KBULL8OM

1x BULL8 OM	9591523	240 Vac operator with control unit and radio receiver
6x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

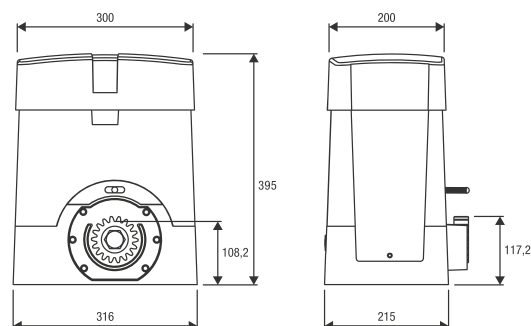
BULL.P3	9623006	Raised foundation plate, 34 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

Max absorbed current	2.6 A
Max thrust	940 N
Opening speed	175 mm/s
Duty cycle	40%
Driving gear for rack	M4 Z18
Protection level	IP44
Operating temperature	-20°C / +50°C

BULL1224^{TURBO}

High speed operator in oil bath with built-in control unit, receiver, battery charger and virtual encoder

up to 1,200 kg



BULL1224 TURBO Configuration

1x BULL1224 ^{TURBO}	9592656	24 Vdc operator with control unit and radio receiver
8x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

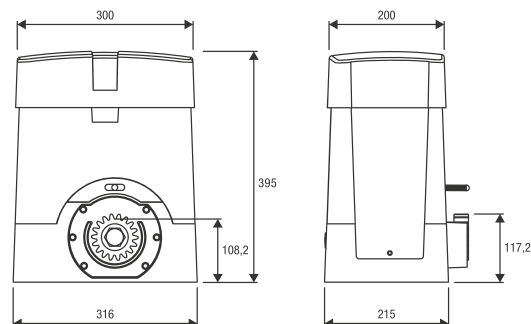
TO COMPLETE THE CONFIGURATION:

BULL.PI	9623006	Raised foundation plate, 32 mm height
MLS	938703466	Magnetic limit switches
BULL1224T.CB	976000964	Kit comprising 5 cables and 5 brackets for battery installation
SIS	9760075	Quick connection board for operation of opposite gates
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL1524SE

Operator with built-in control unit, receiver, battery charger and virtual encoder

up to 1,500 kg



BULL1524SE Configuration

1x BULL1524SE	959002634	24 Vdc operator with control unit and radio receiver
8x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

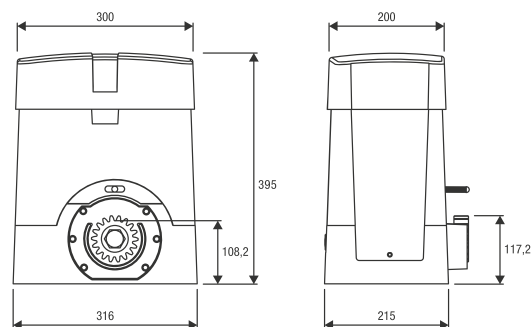
BULL.PI	9623006	Raised foundation plate, 32 mm height
MLS	938703466	Magnetic limit switches
BULL1524.CB	9760037	1.2 Ah batteries and support bracket
SIS	9760075	Quick connection board for operation of opposite gates
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

Max absorbed current	2 A
Max thrust	916 N
Opening speed	195 mm/s
Duty cycle	100%
Driving gear for rack	M4 Z18
Protection level	IP44
Operating temperature	-20°C / +50°C

BULL17 OMI

Operator in oil bath, built-in control unit, receiver, virtual encoder and inverter

up to 1,700 kg



BULL17 OMI Configuration

1x BULL17 OMI	9592569	240 Vac operator with control unit and radio receiver
8x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

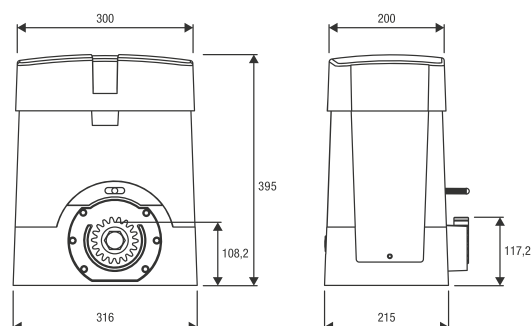
TO COMPLETE THE CONFIGURATION:

BULL.PI	9623006	Raised foundation plate, 32 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BULL20 HE

Self-ventilated operator in oil bath, built-in control unit, receiver and encoder

up to 2,000 kg



BULL20 HE Configuration

1x BULL20 HE	959000924	240 Vac operator with control unit and radio receiver
8x RACKV6	-----	M4 nylon rack with steel core, to attach with screws
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

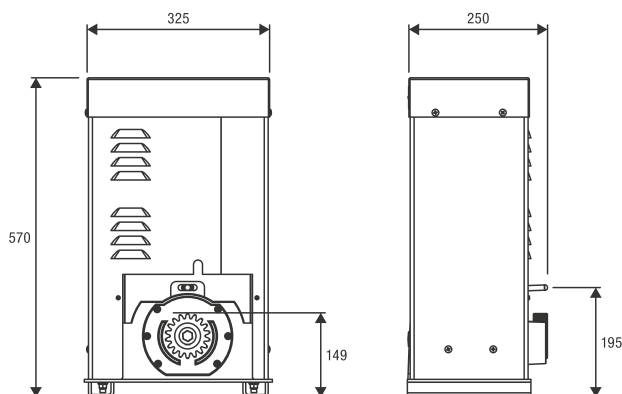
BULL.PI	9623006	Raised foundation plate, 32 mm height
MLS	938703466	Magnetic limit switches
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

YAK25 OTI



Operator in oil bath, built-in control unit, receiver, virtual encoder and inverter

up to 2,500 kg



YAK25 OTI	9592455	Three-phase 240 Vac operator with control unit and radio receiver
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ACCESSORIES:

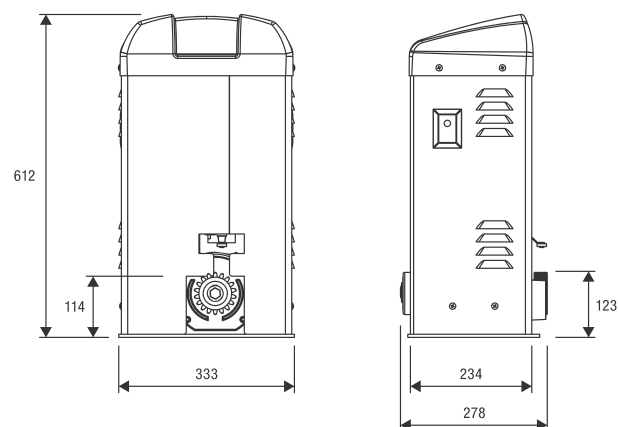
RACKV6	----	M4 nylon rack with steel core, to attach with screws
192.1AU	927202818	M4 rack, to weld or attach with screws, 30x12x1000 mm
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BISON25 OTI



Operator in oil bath, built-in control unit, receiver, magnetic encoder and inverter

up to 2,500 kg



BISON25 OTI	959002853	Three-phase 240 Vac operator with control unit and radio receiver
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ACCESSORIES:

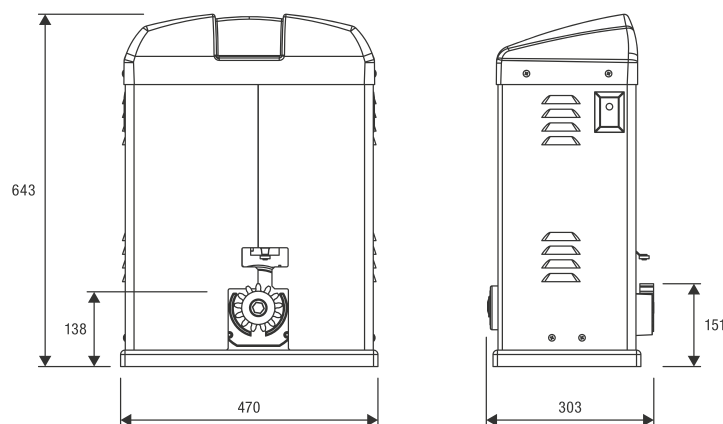
RACKV6	----	M4 nylon rack with steel core, to attach with screws
192.1AU	927202818	M4 rack, to weld or attach with screws, 30x12x1000 mm
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BISON35/45 OTI

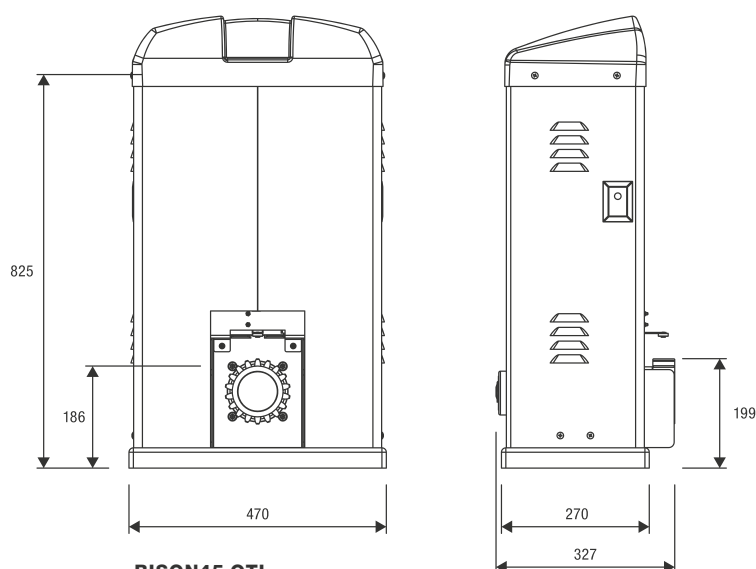


Operator in oil bath, built-in control unit, receiver, magnetic encoder and inverter

up to 4,500 kg



BISON35 OTI / BISON35 OTI L



BISON45 OTI

BISON35 OTI

Max absorbed current	3 A
Max Thrust	3,000 N
Max opening speed	315 mm/s
Duty cycle	100%
Driving gear for rack	M6 Z13
Protection level	IP44
Operating temperature	-20°C / +50°C

BISON35 OTI L

Max absorbed current	8 A
Max Thrust	2,500 N
Max opening speed	175 mm/s
Duty cycle	100%
Driving gear for rack	M6 Z13
Protection level	IP44
Operating temperature	-20°C / +50°C

BISON45 OTI

Max absorbed current	2.85 A
Max thrust	5,000 N
Opening speed	315 mm/s
Duty cycle	100%
Driving gear for rack	M6 Z18
Protection level	IP44
Operating temperature	-20°C / +50°C

BISON35 OTI	959002854	Three-phase 400 Vac operator with control unit and radio receiver
BISON35 OTI L	959103005	Three-phase 240 Vac operator with control unit and radio receiver
BISON45 OTI	959002868	Three-phase 400 Vac operator with control unit and radio receiver

ACCESSORIES:

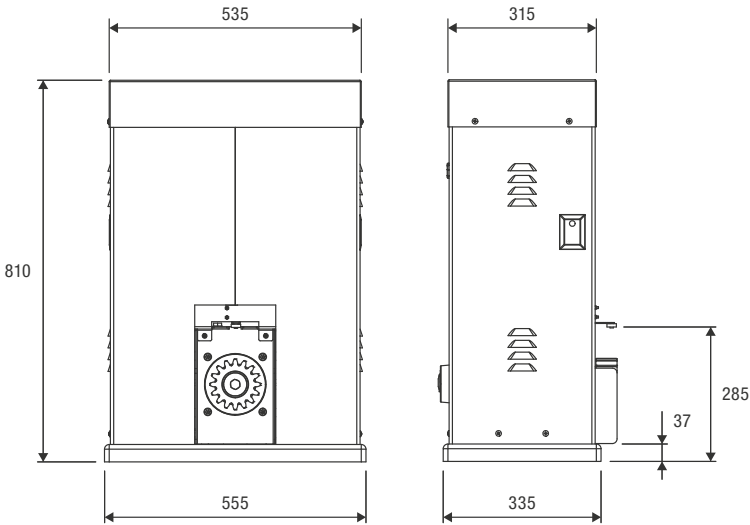
196.1	927201076	Galvanised rack, M6, 30x30x1000 mm
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BUFFALO160 OTI



Operator in oil bath, built-in control unit, receiver, magnetic encoder and inverter

up to 16,000 kg



BUFFALO160 OTI 959004369 Three-phase 240 Vac operator with control unit and radio receiver

ACCESSORIES:

196.1	927201076	Galvanised rack, M6, 30x30x1000 mm
STAR	953402665	Flashing light 12÷255 Vac / 14÷255 Vdc, with built-in aerial
PUPILLA	940901764	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof digital keypad
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

Max absorbed current	8.38 A
Max Thrust	12,650 N
Max opening speed	315 mm/s
Duty cycle	100%
Driving gear for rack	M6 Z16
Protection level	IP44
Operating temperature	-20°C /+50°C

ACCESSORIES FOR SLIDING GATES

SIS

9760075

Quick connection electronic board that allows synchronised movement of 2 automation devices (opposed gates/barriers). One board for each motor is necessary.



DA.2S

9760100

Electronic board that allows synchronised movement of 2 automation devices (opposed gates/barriers).



MLS

938703466

Magnetic limit switches.



RF

9409016

Device with non-rechargeable battery to mount on a safety edge. Battery guaranteed to last 2 years.



SC.RF

9409014

Receiver for safety edge 12/24 Vdc with self-testing function. N.2 outputs for connection to electronic control units.



SC.F15

9270070

Mechanical safety edge, 1.5 m long.



SC.F20

9270071

Mechanical safety edge, 2 m long.

192.1AU

927202818

M4 rack, to weld or attach with screws, 30x12x1000 mm slotted and galvanised. Supplied with M8x60 metric screws and threaded spacers.



RACKV6

M4 nylon rack with steel core, to attach with screws. 6 pt lugs down.

RACKV6U

M4 nylon rack with steel core, to attach with screws. 6 pt lugs up.



RI.M4Z

9272030

M4 galvanised rack to weld 22x22x2000 mm.



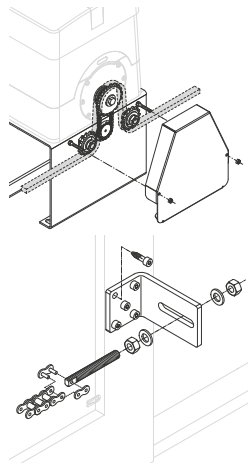
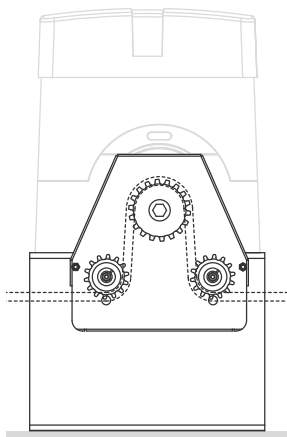
196.1

927201076

M6 galvanised rack to weld 30x30x1000 mm.



CHAIN GATE SYSTEM



ASSEMBLY

9520003

Chain kit assembly for BULL series (from BULL1224TURBO and above).

BASE

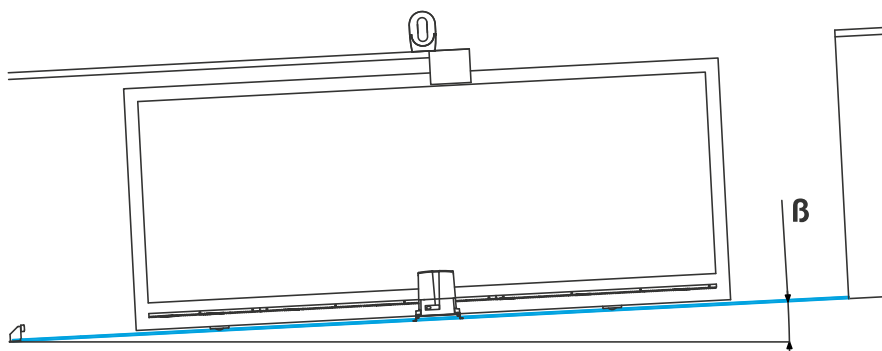
9688154

Base plate for chain drive kits.

CHAIN

A-Grade chain for use with chain kit assembly for BULL series.

RADIAL HYDRAULIC DAMPERS



P = door weight (Newton, 9.8N=1kg)

β = inclination (degrees)

Range verification capacity:

$$C \text{ [Nm]} = P \times \sin \beta \times 0.032$$

Example for the calculation:

Can the 199.1 M4 z16 hydraulic damper be used on 800 kg doors with a 1.5° inclination?

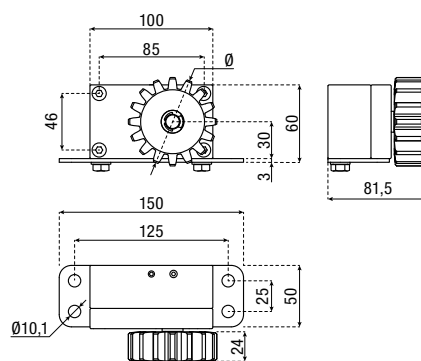
$$P = 9.8 \times 800 \text{ kg} = 7840 \text{ N}$$

$$C = 7840 \text{ N} \times \sin 1.5^\circ \times 0.032 = 6.56 \text{ Nm}$$

6.56 Nm is lower than 7 Nm (maximum allowed); therefore the damper would be suitable for this system.

199.1

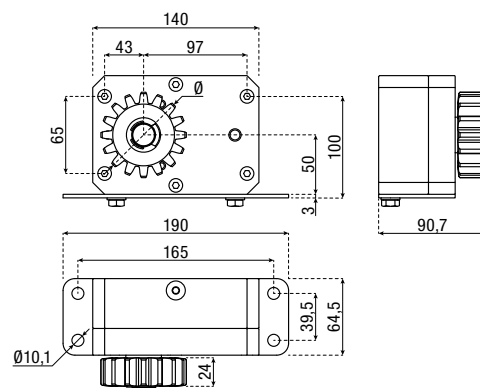
Radial hydraulic damper,
Cmax = 7 Nm



Pinion	M4 Z16
Ø	72 mm
Oil	SILICONE 3000
Maximum torque	7 Nm
Brake direction	LEFT OR RIGHT
Operating temperature	-20°C /+50°C

199.2

Radial hydraulic damper,
Cmax = 30 Nm



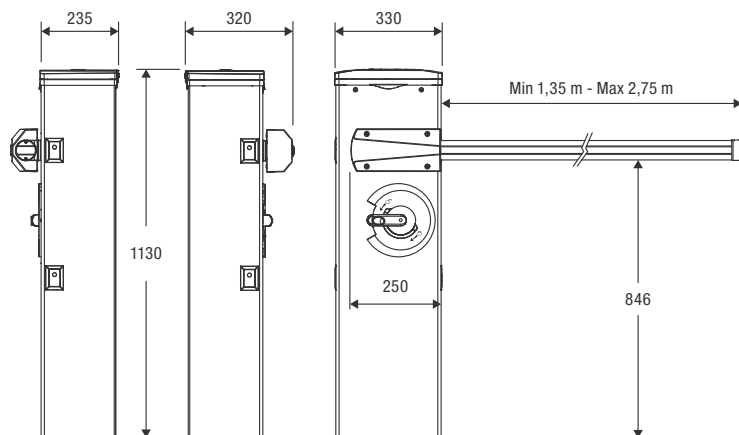
Pinion	M4 Z16
Ø	72 mm
Oil	SILICONE 3000
Maximum torque	30 Nm
Brake direction	LEFT OR RIGHT
Operating temperature	-20°C /+50°C

DIVA.3/5

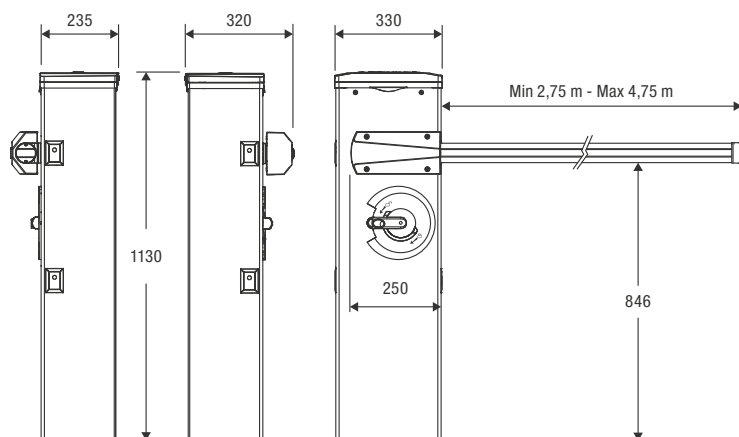


High-speed brushless boom gate with built-in control unit, receiver, encoder and battery charger.
Oil lubricated reductions and external manual release.
Built-in RGB leds traffic lights

for driveways up to 5 m



DIVA.3



DIVA.5

	DIVA.3
Boom length	3 m
Max absorbed current	1.5 A
MCBF	5 million cycles
Opening time	0.8 s (80°)
Duty cycle	continuous use
Protection level	IP44 (control unit IP54)
Operating temperature	-20°C /+50°C

	DIVA.3
Boom length	5 m
Max absorbed current	1.5 A
MCBF	3 million cycles
Opening time	2.5 s (80°)
Duty cycle	continuous use
Protection level	IP44 (control unit IP54)
Operating temperature	-20°C /+50°C

DIVA.3	908301853	24 Vdc high-speed brushless boom gate
DIVA.5	908302311	24 Vdc brushless boom gate

ACCESSORIES:

DIVA3.AL	966701948	3 m fiberglass boom with RGB LED and profile for light diffusion
DIVA3.AB	966702213	3 m fiberglass boom with rubber profile
DIVA5.A	908103526	5 m painted elliptical aluminium boom
DIVA5.A2	908103527	2x 2.5 m painted elliptical aluminium boom with joint
RGB.5	953403528	Set of RGB LED lights for DIVA5.A boom
VE.PS	9623068	Foundation plate with coach screws
EVA.AF	9078035	Painted fixed support for booms
GNT.SN	978003684	Articulated joint set for DIVA5.A boom
CAT20	954902401	Set of 20 adhesive refractor strips
DIVA.TL	917602416	Electronic board to adjust the light colours (traffic light function)
SIS	9760075	Quick connection board for operation of opposite barriers
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

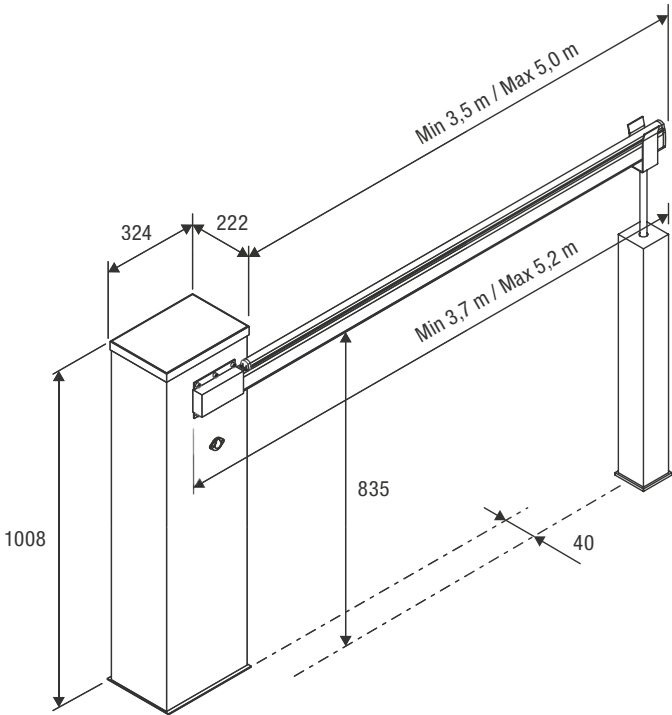
LADY.5

24VDC



Boom gate with built-in control unit, receiver and battery charger. External manual release

for driveways up to 5 m



LADY.5	9083257	24 Vdc electromechanical boom gate
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Available in stainless steel version.

ACCESSORIES:

LADY.P5	9081027	5.2 m white painted aluminium boom, with rubber profiles
LED.AL5	953402834	Set of LED lights for booms
VE.PS	9623068	Foundation plate with coach screws
VE.AF	9078010	Painted fixed support for booms
VE.AM	9078020	Mobile support for booms
CAT.29	954902402	Set of 20 adhesive refractor strips
LADY.SN	9780001	Articulated joint set
VE.RAST	9672010	Aluminium rack (W = 2 m H = 60 cm)
SIS	9760075	Quick connection board for operation of opposite barriers
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

Boom length	5 m
Max absorbed current	1.6 A
Torque	205 Nm
Opening time	3.5 ÷ 6 s
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C /+50°C

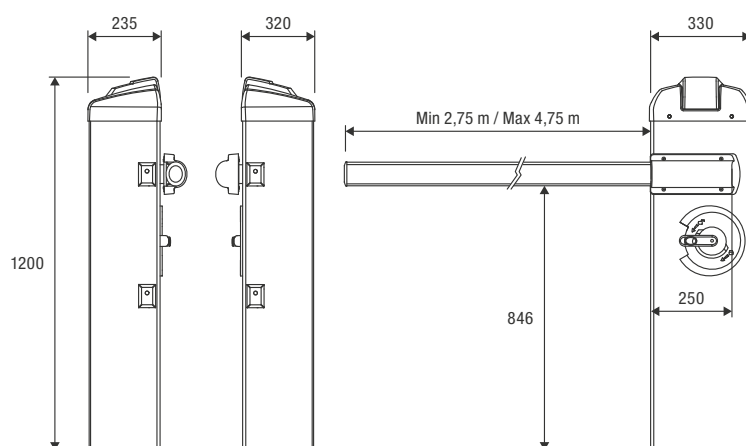


EVA.5



Boom gate with built-in control unit, receiver, absolute encoder and battery charger.
External manual release

for driveways up to 5 m



EVA.5	9083120	24 Vdc electromechanical boom gate
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ACCESSORIES:

EVA5.A	9081005	5 m painted elliptical aluminium boom
EVA5.A2	9081007	2x 2.5 m painted elliptical aluminium boom with joint
LED.AL5	953402834	Set of LED lights for booms
EVA.LAMP	9534003	Circuit for flashing light
VE.PS	9623068	Foundation plate with coach screws
EVA.AF	9078035	Painted fixed support for booms
VE.AM	9078020	Mobile support for booms
GNT.SN	978003684	Articulated joint set for booms
CAT.20	954902401	Set of 20 adhesive refractor strips
VE.RAST	9672010	Aluminium rack (W = 2 m H = 60 cm)
SIS	9760075	Quick connection board for operation of opposite barriers
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

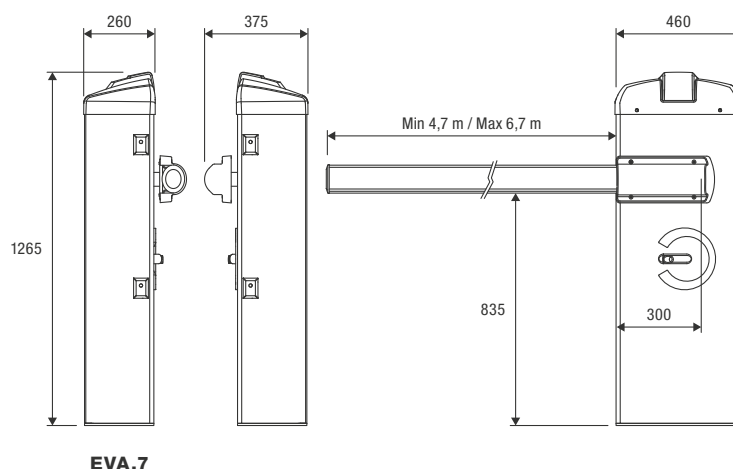
Boom length	5 m
Max absorbed current	1.6 A
Torque	205 Nm
Opening time	3.5 ÷ 6 s
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C /+50°C

EVA.7/8

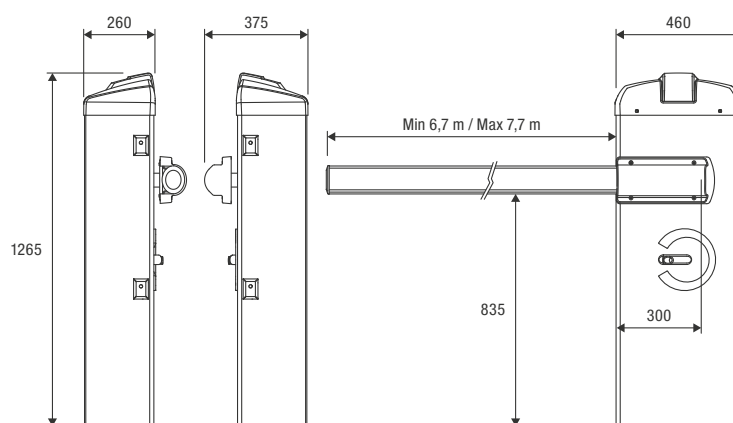


Boom gate with built-in control unit, receiver, absolute encoder and battery charger.
External manual release

for driveways up to 8 m



EVA.7



EVA.8

EVA.7

Boom length	7 m
Max absorbed current	1.6 A
Torque	285 Nm
Opening time	3,5 ÷ 6 s
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C / +50°C

EVA.8

Boom length	8 m
Max absorbed current	1.6 A
Torque	285 Nm
Opening time	3.5 ÷ 6 s
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C / +50°C

EVA.7 9083121 24 Vdc electromechanical boom gate

EVA.8 9083235 24 Vdc electromechanical boom gate

ACCESSORIES:

EVA7.A2	9081008	2x 3.5 m painted elliptical aluminium boom with joint
EVA8.A2	9081029	2x 4 m painted elliptical aluminium boom with joint
LED.AL8	953402835	Set of LED lights for booms
EVA.LAMP	9534003	Circuit for flashing light
VE.P650	9623069	Foundation plate with coach screws
EVA.AF	9078035	Painted fixed support for booms
VE.AM	9078020	Mobile support for booms
CAT.29	954902402	Set of 20 adhesive refractor strips
VE.RAST	9672010	Aluminium rack (W = 2 m H = 60 cm)
SIS	9760075	Quick connection board for operation of opposite barriers
IRI.TX4VA	9863198	4-channel transmitter with Advanced Rolling Code or Rolling Code
TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code



BRAINY

9176213



APPLICATION

1 or 2 actuators for swing gates, opposite sliding gates, hydraulic operators and industrial folding doors

CONTROL UNIT POWER SUPPLY

240 Vac - 50/60 Hz

MOTORS POWER SUPPLY

240 Vac / 600 W + 600 W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Separate limit switch inputs for each motor | Open, close, pedestrian, step by step and stop inputs | Separate photocell inputs in opening-closing and in closing phases | Input for N.C or 8K2 sensitive edge | Output for electric lock 240 Vac and 12 Vac/dc | Outputs for configuration as gate open indicator, service light, second radio channel and photocell testing | Output for connecting flashing light | Autosetting of operating parameters (with motors equipped with encoder) | Separate electronic torque adjustment for each motor and operating times | Adjustable slow-downs | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning



BRAINY24 PLUS

917603712



APPLICATION

1 or 2 actuators for swing gates, opposed sliding gates, hydraulic operators and industrial folding doors with a maximum of 2 sections

CONTROL UNIT POWER SUPPLY

115 or 240 Vac
(selectable) 50/60Hz

MOTORS POWER SUPPLY

24 Vdc / 240 W + 240 W

MAIN FUNCTIONS

Integrated LCD display | Integrated radio receiver 433.92 MHz 64 codes and 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Separate limit switch inputs for each motor | Open, close, step-by-step and pedestrian inputs | Separate opening-closing and closing photocell inputs | Stop input | Input for N.C. or 8K2 sensitive edge | Encoder Input for 24 Vdc hydraulic motors | Output for 12 Vdc electric lock | 2 outputs configurable as open gate indicator, second radio channel, courtesy light, zone light or photocell testing, flashing light, open gate alarm, NC input alarm | Output for connecting flashing light | Autoset of operating parameters | Separate electronic torque adjustment for each motor | Separate electronic speed adjustment for each motor | Anti-crushing safety through amperometric detection and encoder management | Separate slowdowns for each motor in opening and closing phases | Set up for connection to KNX systems via X.BE card (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO.UP accessory | Advantouch system to configure parameters and manage radio transmitters | Number of manoeuvres | Programming access password | Maintenance warning | Built-in battery charger



TRUST24.LB

917603988



APPLICATION

1 or 2 actuators
for swing gates

CONTROL UNIT POWER SUPPLY

100 ÷ 250 Vac - 50/60 Hz

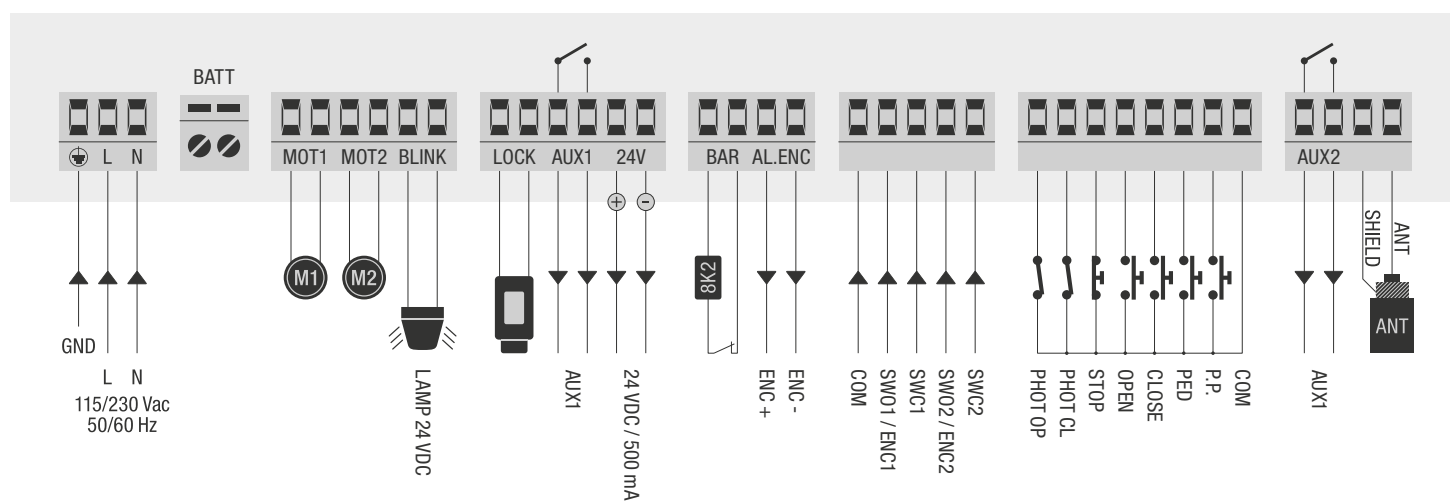
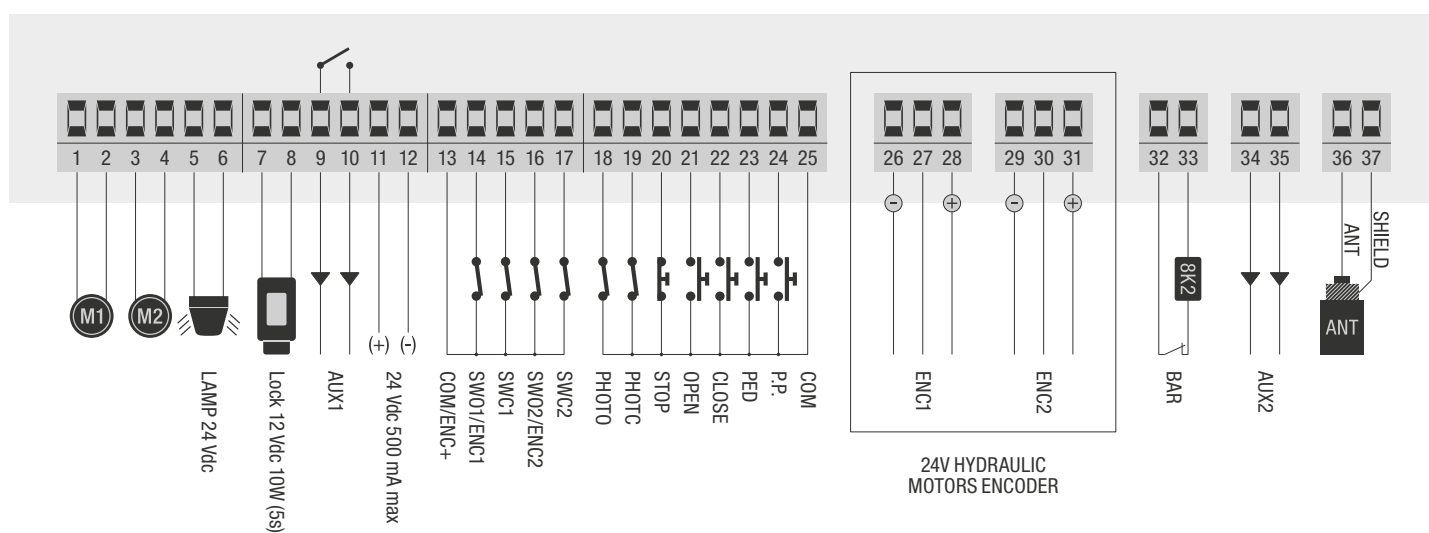
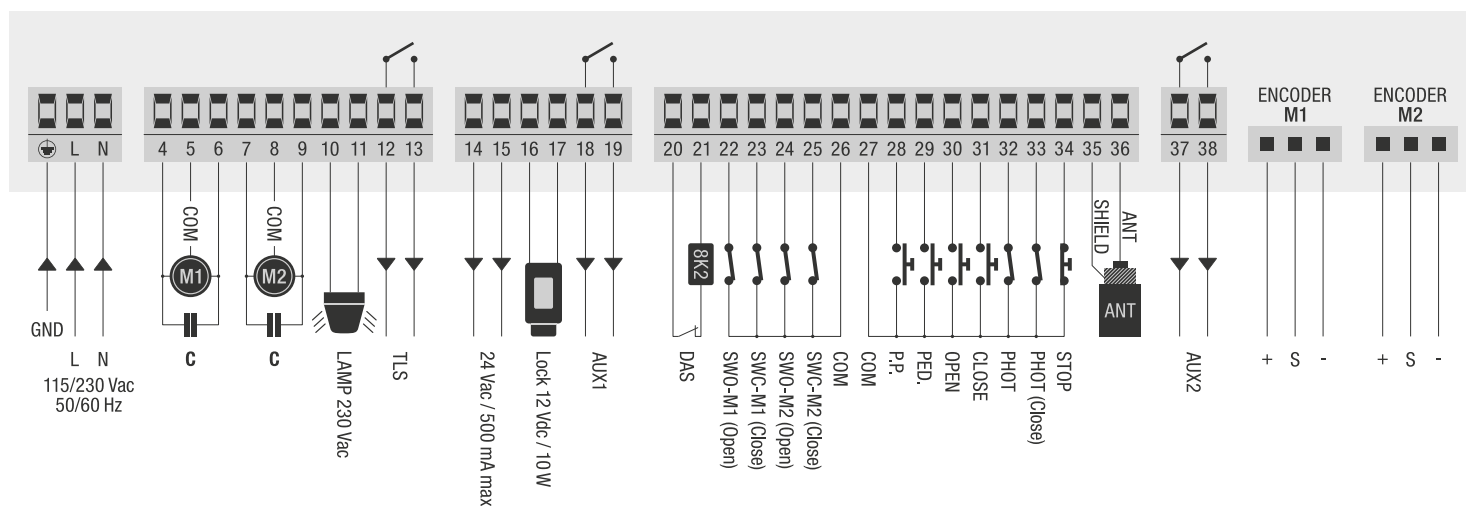
MOTORS POWER SUPPLY

24 Vdc / 130 W + 130 W

MAIN FUNCTIONS

Integrated LCD display | Integrated radio receiver 433.92 MHz 512 codes with ARC coding | Removable terminal boards | Separate limit switch inputs for each motor | Automatic, semi-automatic and Deadman logic | Separate encoder inputs for each motor | Open, close, step-by-step and pedestrian inputs | Input for programmable photocell active in opening-closing and photocell active only in closing | Input for N.C. or 8k2 sensitive edge | Output for electric lock 12/24 Vdc | Two outputs configurable as open gate signal light, courtesy light, zone light, second radio channel, photocell testing, flashing light, alarm contact | Autoset operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety through amperometric detection and encoder management | Electronic torque adjustment with automatic calculation for each point of the stroke (STC SYSTEM) | Separate adjustable slowdowns for each motor | Possibility of encoder- or time-based operation (managed through virtual encoder) even independently between the two motors | Built-in energy saving system ESA+ | Set up for connection to KNX systems via X.BE card (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO.UP accessory | Advantouch system to configure parameters and manage radio transmitters | Number of manoeuvres | Programming access password | Maintenance warning | Built-in battery charger







CP.SAM

968602651



APPLICATION

1 or 2 actuators SAM
for swing gatesCONTROL UNIT
POWER SUPPLY

240 Vac - 50/60 Hz

MOTORS
POWER SUPPLY

24 Vdc / 5.5 A + 5.5 A

MAIN FUNCTIONS

Integrated LCD display | Integrated radio receiver 433.92 MHz 512 codes with ARC coding | Removable terminal boards | Automatic, semi-automatic and Deadman logic | Separate encoder inputs for each motor | Open, close, step-by-step and pedestrian inputs | Input for active photocell in opening-closing and active photocell only in closing | Input for N.C. or 8K2 sensitive edge | Output for electric lock 12/24 Vdc | Two outputs configurable as open gate signal light, courtesy or zone light, second radio channel, photocell testing, flashing light, alarm contact | Autotest of operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety through amperometric detection and encoder management | Electronic torque adjustment with automatic calculation for each point of the stroke (STC SYSTEM) | Separate adjustable slowdowns for each motor | Possibility of encoder- or time-based operation (managed through virtual encoder) even independently between the two motors | Built-in energy saving system ESA+ | Set up for connection to KNX systems via X.BE card (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO.UP accessory | Advantouch system to configure parameters and manage radio transmitters | Number of manoeuvres | Programming access password | Maintenance warning | Built-in battery charger, compatible with 2 batteries 12V 1.2Ah



THINKY

9176251



APPLICATION

1 actuator for sectional
doors and rolling doors,
folding doors with more
than two sections,
unbalanced shutters and
industrial sliding gatesCONTROL UNIT
POWER SUPPLY240 Vac single-phase
400 Vac three-phaseMOTORS
POWER SUPPLY240 Vac / 800 W
400 Vac / 2200 W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with ARC and predesigned for plug-in radio receiver | Predesigned for connection to absolute encoder and quick wiring (VN "ESW" motors) | Autosetting of operating parameters with motors equipped with absolute encoder (VN "ESW" motors) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Open, close, step by step, pedestrian and stop inputs | Inputs for 4 pairs of photocells (configurable as active in opening-closing or in closing phases) and equipped with PHOTO TEST logic | Input for N.C. or 8K2 sensitive edge | Input for safety sensor | Output configurable as gate open indicator, second radio channel, service light and area light | Output configurable as gate open indicator or photocell testing output | Output for connecting flashing light | Protection against phase failure and exceeding motor current threshold | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning



CP.B24-D120

968602649



APPLICATION

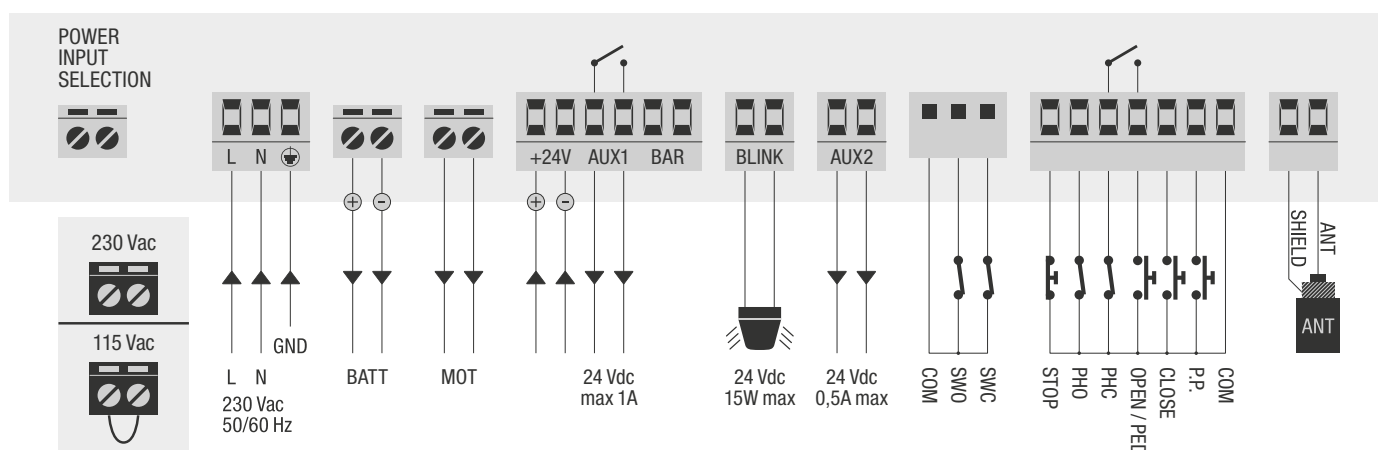
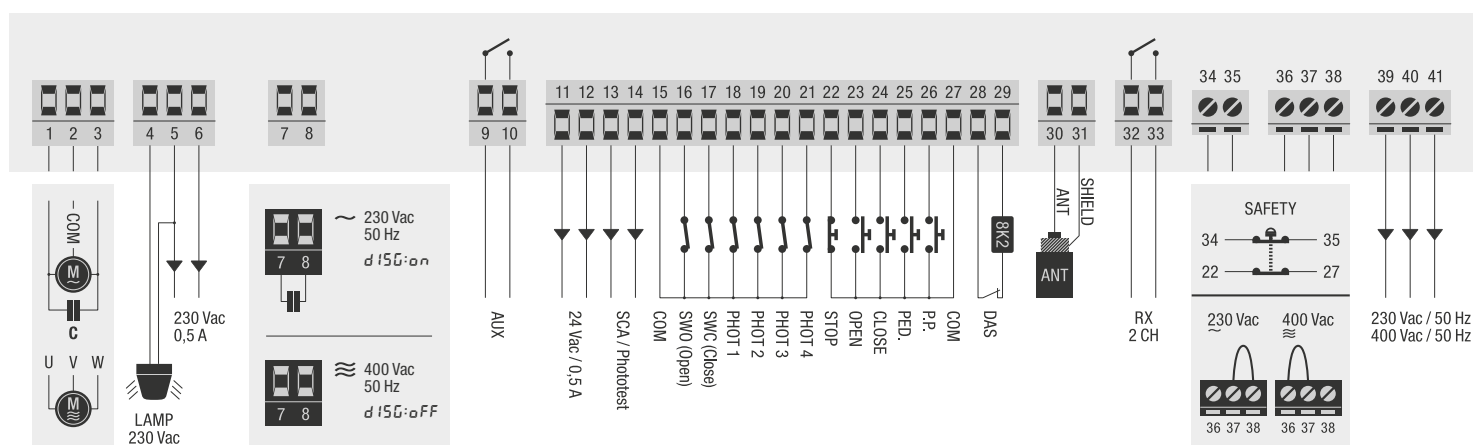
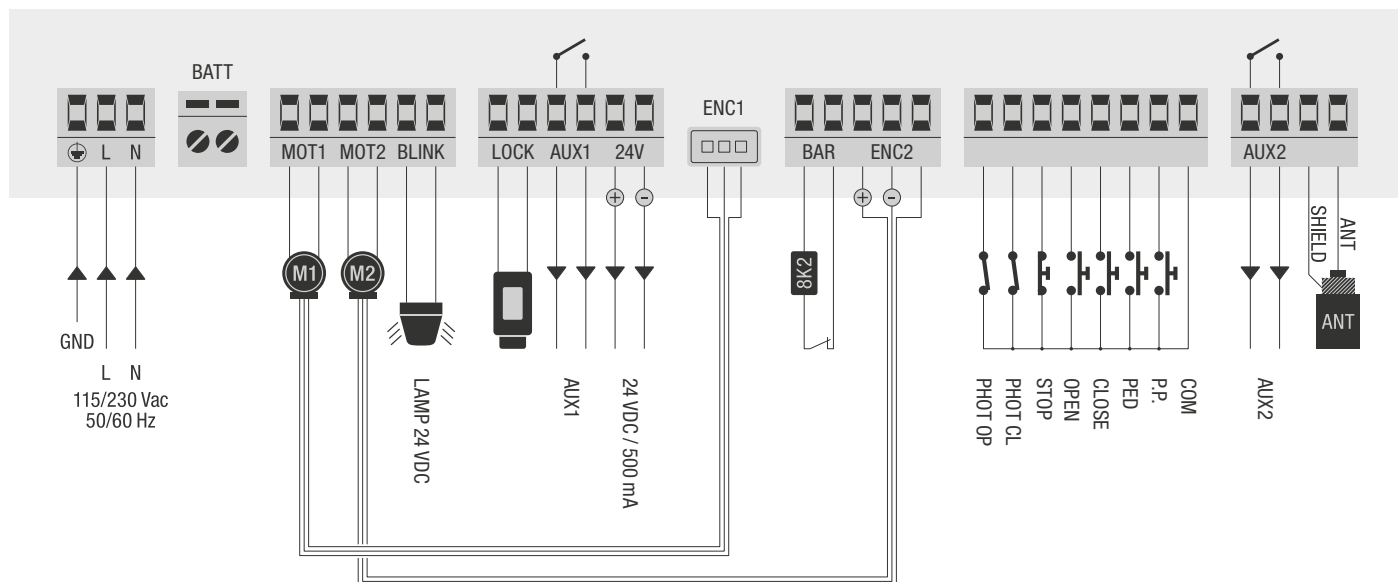
1 actuator BULL SE
for sliding gatesCONTROL UNIT
POWER SUPPLY115 or 240 Vac
(selectable) 50/60HzMOTORS
POWER SUPPLY

24 Vdc / 9 A

MAIN FUNCTIONS

Integrated LCD display | Integrated radio receiver 433.92 MHz 2048 codes with ARC coding | Removable terminal boards | Automatic, semi-automatic and Deadman logic | Motor limit switch inputs | Photocell input (PHO) active in opening and closing | Photocell input (PHC) active only in closing phase | Input for N.C. or 8K2 sensitive edge | OPEN input configurable as pedestrian | Two outputs configurable as open gate signal light, courtesy, zone light, second radio channel, photocell testing, flashing light, alarm contact | Output for connecting the flashing light | Predesigned for the operation of opposed sliding gates through SIS synchronisation board (optional) | Set up for connection to KNX connection through X.BE board (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO.UP accessory | Autotest of operating parameters | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Separate electronic adjustments of opening and closing speeds | Anti-crushing safety through amperometric detection | Virtual encoder | Adjustable slow-downs | Built-in energy saving system ESA+ | Advantouch system to configure parameters and manage radio transmitters | Number of manoeuvres | Programming access password | Maintenance warning | Built-in battery charger, compatible with batteries model DA.BT2/DA.BT6







CP.B24-SW

968601947



APPLICATION

1 actuator BULL SW
for sliding gates

CONTROL UNIT POWER SUPPLY

240 Vac - 50/60 Hz

MOTORS POWER SUPPLY

24 Vdc / 8 A

MAIN FUNCTIONS

Parameter and operation logic regulations through trimmers, dip-switches and buttons | Integrated 433.92 MHz 64-codes radio receiver with ARC coding | Fixed terminal boards | Automatic, semi-automatic and Deadman logic | Motor limit switch inputs | Step by step, stop and photocell inputs | Photocell input programmable as active in opening-closing and photocell active only in closing | Stop input configurable as pedestrian | Output configurable as open gate indicator or second radio channel | Autoset of operating parameters | Electronic torque adjustment with automatic calculation for each point of the stroke (STC SYSTEM) | Separate electronic adjustments of opening and closing speeds | Anti-crushing safety through amperometric detection | Virtual encoder | Adjustable slowdowns | Built-in energy saving system ESA+ | Advantouch system to configure parameters and manage radio transmitters | Set up for connection to SW.CB battery charger (optional) | Set up for connection to KNX systems via X.BE card (optional) | Use of the pro.UP accessory and the BeUP app makes it possible to access an advanced programming level, to consult the number of manoeuvres and to protect the control unit with the password, in addition to making the diagnostics and firmware update functions available



Functions
available
with BeUP

CP.B24 TURBO

968600673



APPLICATION

1 actuator BULL TURBO
for sliding gates

CONTROL UNIT POWER SUPPLY

115 or 240 Vac
(selectable) 50/60Hz

MOTORS POWER SUPPLY

24 Vdc / 20 A

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 512-code radio receiver with ARC coding | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Step by step, open, close and stop inputs | Photocell input (PHO) configurable as active in opening-closing or only in closing phases | Photocell input (PHC) active both in opening and closing phases | Input for N.C or 8K2 sensitive edge | Input for safety sensor | OPEN input configurable as pedestrian | Two outputs configurable as open gate indicator, courtesy light, zone light, second channel radio, photocell testing, flashing light, alarm contact | Output for connecting flashing light | Predesigned for the operation of opposed sliding gates through SIS synchronisation board (optional) | Predesigned for KNX connection through X.BE board (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO.UP accessory | Autosetting of operating parameters | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Anti-crushing safety thanks to amperometric obstacle detection | Virtual encoder | Adjustable slowdowns | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning | Integrated battery charger, compatible with battery models DA.BT2/DA.BT6



CP.BULL8-OM

9686829



APPLICATION

1 actuator BULL8 OM
for sliding gates

CONTROL UNIT POWER SUPPLY

240 Vac - 50/60 Hz

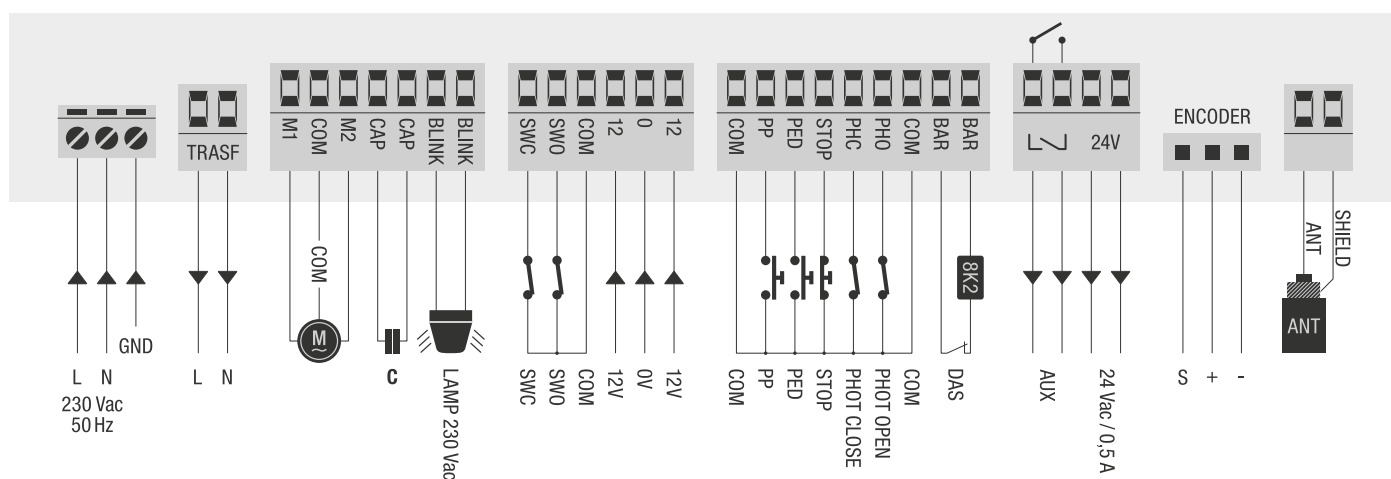
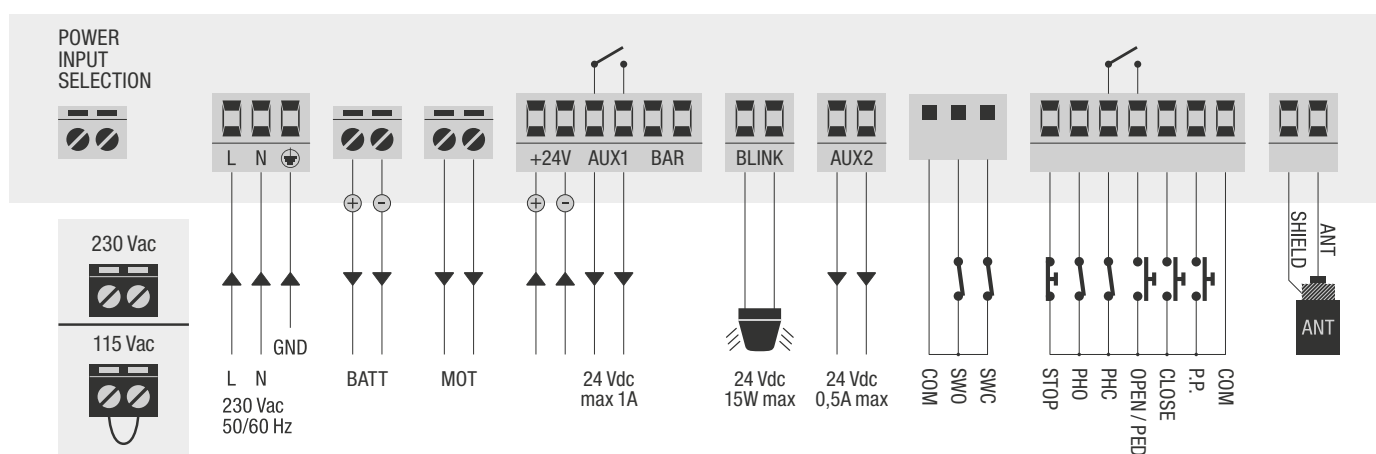
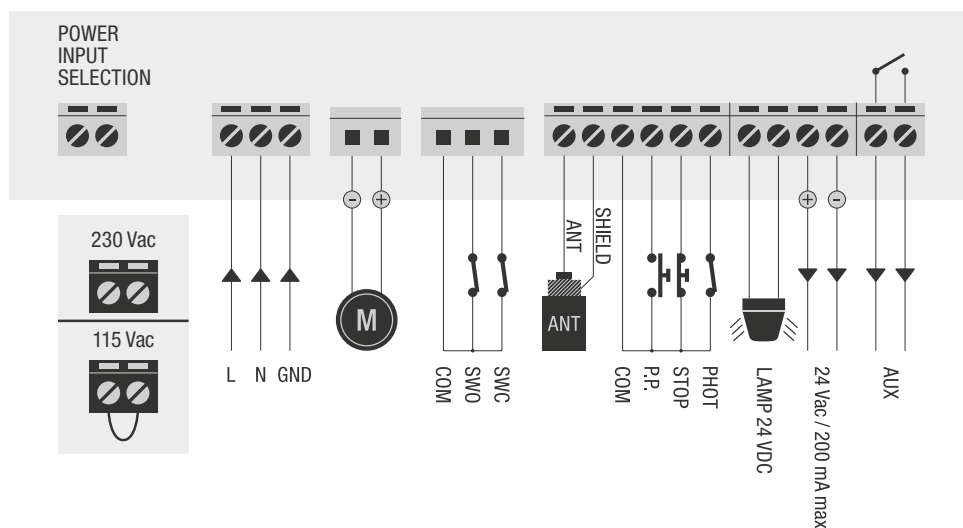
MOTORS POWER SUPPLY

240 Vac / 750 W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Motor limit switch inputs | Pedestrian, step by step and stop inputs | Photocell input (PHOT O) programmable as active in opening-closing and in closing phases | Photocell input (PHOT C) programmable as active in opening-closing phases | Input for N.C or 8K2 sensitive edge | Output for gate open indicator, service light, second radio channel and photocell testing | Autosetting of operating parameters | Electronic motor torque adjustment | Adjustable slow-down systems | Electronic braking | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password







CP.BULL OMI

9688336

**APPLICATION**1 actuator BULL17 OMI
for sliding gates**CONTROL UNIT
POWER SUPPLY**

240 Vac - 50/60 Hz

**MOTORS
POWER SUPPLY**

240 Vac / 1000 W

MAIN FUNCTIONS

Integrated LCD display | ONE2.WI model 433.92 MHz radio receiver provided as standard equipment | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Step by step, open, close, pedestrian and stop inputs | no. 2 photocell inputs configurable as active in opening-closing or in closing phases | Input for N.C or 8K2 sensitive edge | Input for safety sensor | Output configurable as gate open indicator, service light, area light | Photocell testing output | Second radio channel output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Anti-crushing safety thanks to amperometric obstacle detection | Adjustable slow-downs | Advantouch system to configure parameters and manage radio transmitters | Integrated inverter | Virtual encoder | Number of maneuvers | Programming access password | Maintenance warning



CP.BULL20-HE

968600983

**APPLICATION**1 actuator BULL20 HE
for sliding gates**CONTROL UNIT
POWER SUPPLY**

240 Vac - 50/60 Hz

**MOTORS
POWER SUPPLY**

240 Vac / 1000 W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-codes radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Motor limit switch inputs | Open, close, pedestrian, step by step and stop inputs | Photocell input (PHOT O) programmable as active in opening-closing and in closing phases | Photocell input (PHOT C) programmable as active in opening-closing phases | Input for N.C or 8K2 sensitive edge | Output for configuration as gate open indicator, service light, or second radio channel | Photocell testing output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic motor torque adjustment | Adjustable slow-down systems | Electronic braking guarantees a precise stop even with heavy doors | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning



CP.YAK OTI

9688255

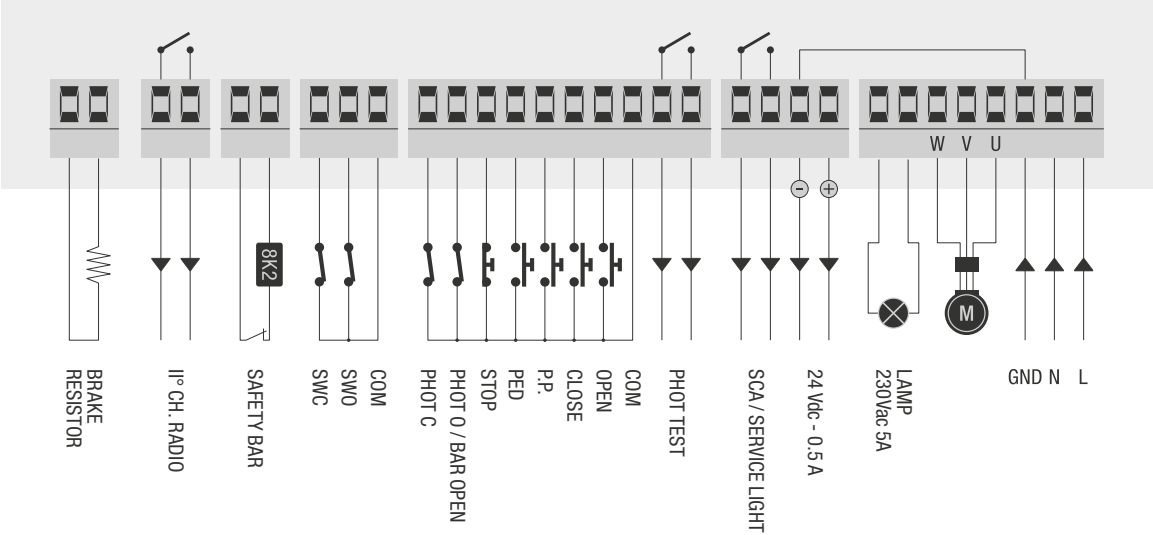
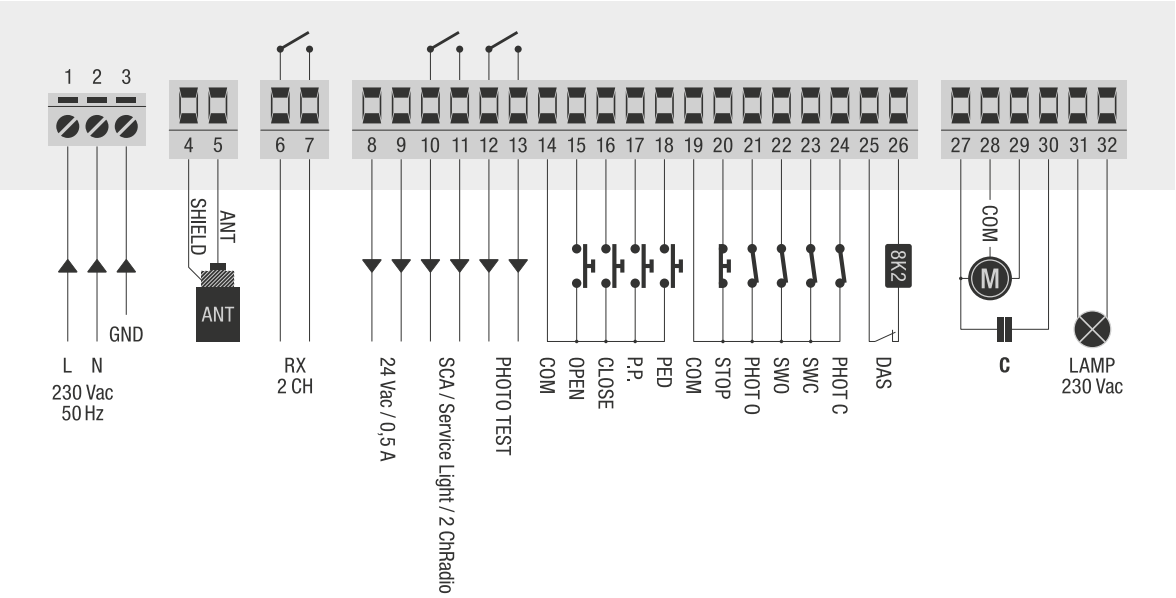
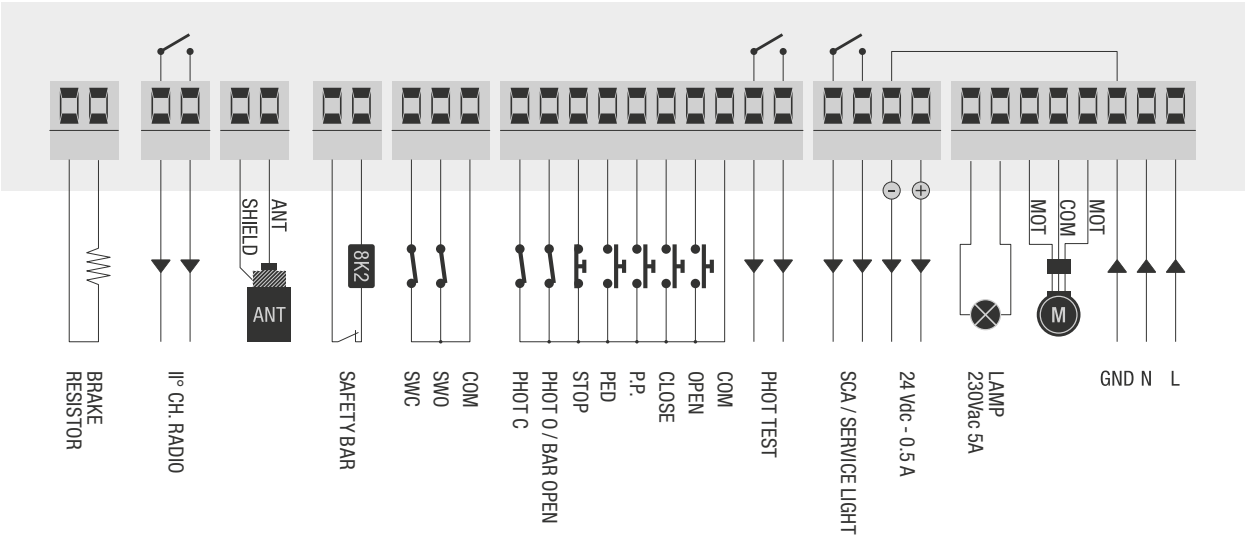
**APPLICATION**1 actuator YAK25 OTI
for sliding gates**CONTROL UNIT
POWER SUPPLY**

240 Vac - 50/60 Hz

**MOTORS
POWER SUPPLY**240 Vac / 1000 W
three-phase**MAIN FUNCTIONS**

Integrated LCD display | ONE2.WB model 433.92 MHz radio receiver provided as standard equipment | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Step by step, open, close, pedestrian and stop inputs | no. 2 photocell inputs configurable as active in opening-closing or in closing phases | Input for N.C or 8K2 sensitive edge | Input for safety sensor | Output configurable as gate open indicator, service light or area light | Photocell testing output | Second radio channel output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Anti-crushing safety thanks to amperometric obstacle detection | Adjustable slow-downs | Advantouch system to configure parameters and manage radio transmitters | Integrated inverter | Virtual encoder | Number of maneuvers | Programming access password | Maintenance warning







CP.BISON OTI

9686549



APPLICATION

1 actuator BISON
for sliding gates

CONTROL UNIT POWER SUPPLY

240 Vac three-phase
400 Vac three-phase

MOTORS POWER SUPPLY

240 Vac / 750 W
three phase with inverter
400 Vac / 1500 W
three phase with inverter

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Motor limit switch inputs | Open, close, pedestrian, step by step and stop inputs | Inputs for 4 pairs of photocells (programmable as active in opening-closing and in closing phases) and equipped with PHOTO TEST logic | Input for N.C or 8K2 sensitive edge | Input for safety sensor | Predesigned for inverter connection | Output for gate open indicator | Output configurable for service light, area light or second radio channel | Photocell testing output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic motor torque adjustment | Adjustable slow-down systems | Electronic braking guarantees a precise stop even with heavy doors | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning



CP.BISON OTI L

968603009



APPLICATION

1 actuator BISON35 OTIL
for sliding gates

CONTROL UNIT POWER SUPPLY

240 Vac - 50/60 Hz

MOTORS POWER SUPPLY

240 Vac / 750 W
three phase with inverter

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Motor limit switch inputs | Open, close, pedestrian, step by step and stop inputs | Inputs for 4 pairs of photocells (programmable as active in opening-closing and in closing phases) and equipped with PHOTO TEST logic | Input for N.C or 8K2 sensitive edge | Input for safety sensor | Predesigned for inverter connection | Output for gate open indicator | Output configurable for service light, area light or second radio channel | Photocell testing output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic motor torque adjustment | Adjustable slow-down systems | Electronic braking guarantees a precise stop even with heavy doors | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning



CP.BUFFALO

968606843



APPLICATION

1 actuator BUFFALO
for sliding gates

CONTROL UNIT POWER SUPPLY

240 Vac - 50/60 Hz

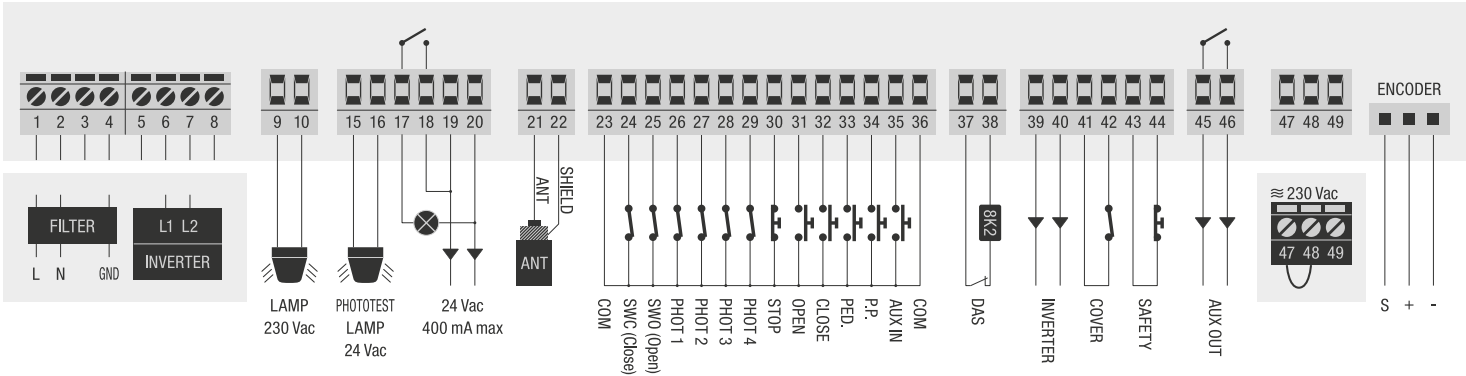
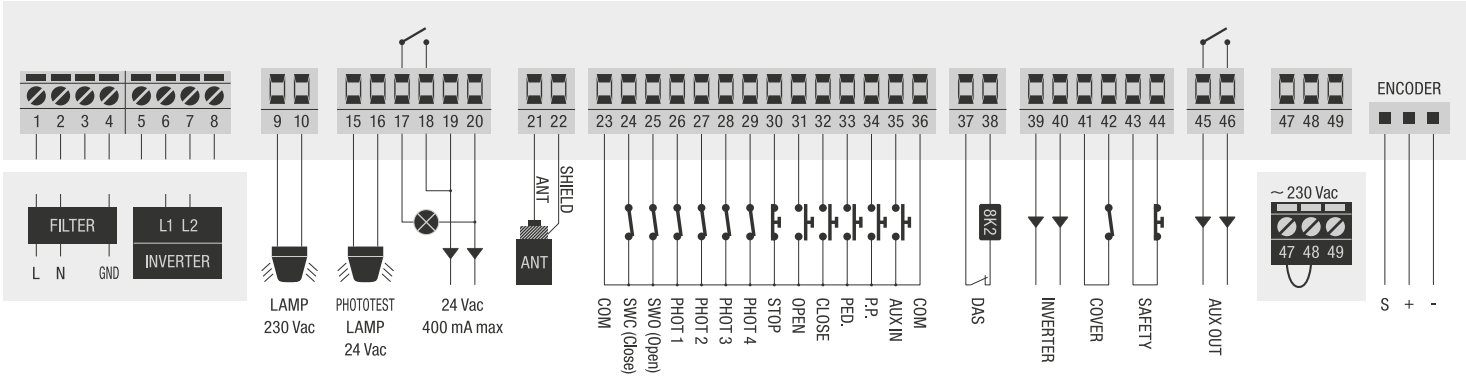
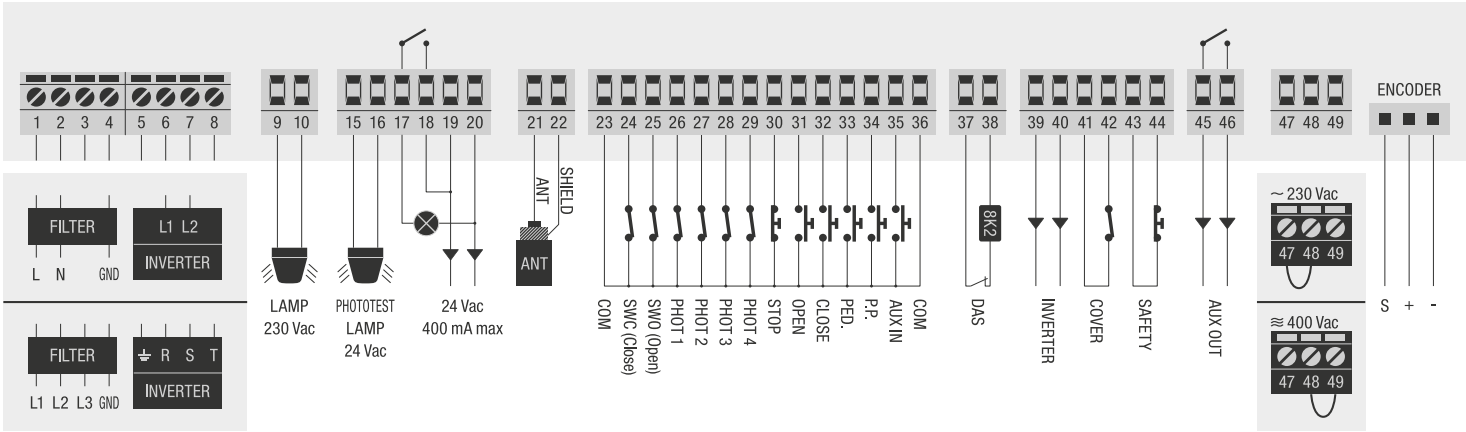
MOTORS POWER SUPPLY

Δ 240 Vac / 750 W
three phase with inverter

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Encoder input to detect obstacles | Motor limit switch inputs | Open, close, pedestrian, step by step and stop inputs | Inputs for 4 pairs of photocells (programmable as active in opening-closing and in closing phases) and equipped with PHOTO TEST logic | Input for N.C or 8K2 sensitive edge | Input for safety sensor | Predesigned for inverter connection | Output for gate open indicator | Output configurable for service light, area light or second radio channel | Photocell testing output | Output for connecting the flashing light | Autosetting of operating parameters | Electronic motor torque adjustment | Adjustable slow-down systems | Electronic braking guarantees a precise stop even with heavy doors | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning







CP.DIVA

968602271

**APPLICATION**

1 boom gate DIVA

**CONTROL UNIT
POWER SUPPLY**115 or 240 Vac
(selectable) 50/60Hz**MOTORS
POWER SUPPLY**24 Vdc / 11 A
three phase brushless**MAIN FUNCTIONS**

Integrated LCD Display | Integrated 433.92 MHz 512-codes radio receiver with ARC coding | Removable terminal boards | Automatic, semi-automatic and Deadman logic | Step by step, stop, photocell, open and close inputs | Outputs configurable as open barrier indicator, second radio channel, boom lights, courtesy light, verified photocell power supply, maintenance indicator, close contact when the barrier is open or closed | Autoselect of operation parameters | Electronic torque adjustment with automatic calculation for each point of the stroke (STC SYSTEM) | Separate electronic adjustments of opening and closing speeds | Anti-crushing safety through amperometric detection and encoder management | Electronic slowdowns in opening and closing | Preparation for the operation of opposed barriers with SIS synchronisation board (optional) Set up for connection to KNX systems via X.BE card (optional) | Designed for managing, configuring, diagnosing and updating firmware through the BeUP app, using the PRO. UP accessory | Advantouch system to configure parameters and manage radio transmitters | Number of manoeuvres | Programming access password | Maintenance warning | Built-in battery charger compatible with batteries DA.BT2 / DA.BT6



CP.EVA

9688240

**APPLICATION**

1 boom gate EVA

**CONTROL UNIT
POWER SUPPLY**

100 ÷ 250 Vac - 50/60 Hz

**MOTORS
POWER SUPPLY**

24 Vdc / 10 A

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Absolute encoder management | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Open, close, step by step, photocell and stop inputs | Output for LED.ALx accessory, integrated LED on arm | Output configurable as open barrier indicator light, second radio channel of incorporated receiver, arm light, service light, photocell test or maintenance indicator | Output for connecting flashing light | Predesigned for the operation of opposed barriers with SIS synchronisation board (optional) | Autosetting of operation parameters | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Anti-crushing safety thanks to amperometric obstacle detection | Adjustable slow-downs | Number of maneuvers | Programming access password | Maintenance warning | Integrated battery charger, compatible with battery models DA.BT2/DA.BT6



CP.LADY

968601410

**APPLICATION**

1 boom gate LADY

**CONTROL UNIT
POWER SUPPLY**

100 ÷ 250 Vac - 50/60 Hz

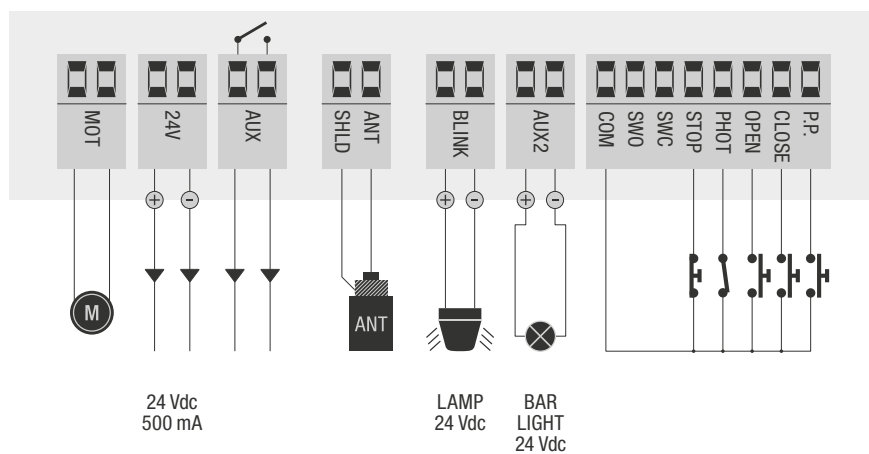
**MOTORS
POWER SUPPLY**

24 Vdc / 10 A

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Open, close, step by step, pedestrian and stop inputs | Output for LADY.L accessory, LED integrated on arm | Output configurable as open barrier indicator light, second radio channel of incorporated receiver, arm light, service light, photocell test or maintenance indicator | Output for connecting the flashing light | Predesigned for the operation of opposed barriers with SIS synchronisation board (optional) | Autosetting of operation parameters | Anti-crushing safety thanks to amperometric obstacle detection | Adjustable slow-downs | Number of maneuvers | Programming access password | Maintenance warning | Integrated battery charger, compatible with battery models DA.BT2/DA.BT6







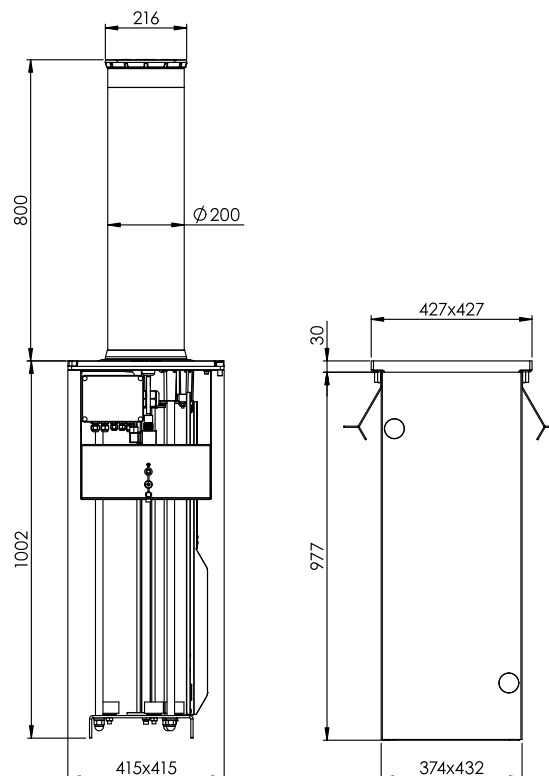
SPARTACUS 200/800

240 VAC



Automatic hydraulic bollard 240 Vac, thickness 6 mm.
Cataphoresis treatment and "Graphite Black" painting
or cover in brushed AISI316 stainless steel.

height 800 mm | ø 200 mm



SPARTACUS 200/800

Cylinder thickness	6 mm
Impact resistance	35,000 J
Breakout resistance	150,000 J
Raising time	4"
Lowering time	4"
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

SPARTACUS 200/800I

Cylinder thickness	6+1.2 mm
Impact resistance	35,000 J
Breakout resistance	150,000 J
Raising time	4"
Lowering time	4"
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

SPARTACUS 200/800	934302588	240 Vac automatic hydraulic bollard with cataphoresis treatment and "Graphite Black" painting
SPARTACUS 200/800I	934302589	240 Vac automatic hydraulic bollard with cover in brushed AISI316 stainless steel

ACCESSORIES:

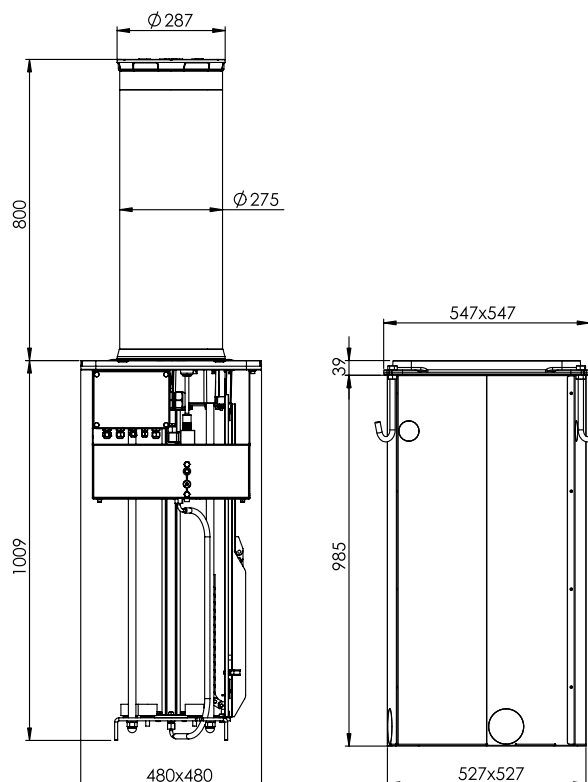
MAX.CP BL	917602505	240 Vac control unit with buzzer and LED control
CA200/800	915002591	Foundation box
GL.TOP200	926102963	Cover for foundation box
GL.BUZZ	953402501	Buzzer
GL.CABLE12	917102855	Cable FG12 12 x 1.5 for hydraulic bollard
GL.CABLE16	917102453	Cable FG16 16 x 1.5 for hydraulic bollard
GL.HEAT	967902500	Heater for bollard, active below 5°C
GL.PKEY	974702867	Personalised release key
GL.PRES	965002502	Pressure switch for obstacle detection

SPARTACUS 275/800

240_{VAC}
RISE
 Smart Moving

Automatic hydraulic bollard 240 Vac, thickness 6 mm.
 Cataphoresis treatment and "Graphite Black" painting
 or cover in brushed AISI316 stainless steel.

height 800 mm | ø 275 mm



SPARTACUS 275/800

Cylinder thickness	6 mm
Impact resistance	40,000 J
Breakout resistance	250,000 J
Raising time	4"
Lowering time	4"
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

SPARTACUS 275/800	934302478	240 Vac automatic hydraulic bollard with cataphoresis treatment and "Graphite Black" painting
SPARTACUS 275/800I	934302479	240 Vac automatic hydraulic bollard with cover in brushed AISI316 stainless steel

SPARTACUS 275/800I

Cylinder thickness	6+1.2 mm
Impact resistance	40,000 J
Breakout resistance	250,000 J
Raising time	4"
Lowering time	4"
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

ACCESSORIES:

MAX.CP BL	917602505	240 Vac control unit with buzzer and LED control
CA275/800	915002485	Foundation box
GL.TOP275	926102962	Cover for foundation box
GL.BUZZ	953402501	Buzzer
GL.CABLE12	917102855	Cable FG12 12 x 1.5 for hydraulic bollard
GL.CABLE16	917102453	Cable FG16 16 x 1.5 for hydraulic bollard
GL.HEAT	967902500	Heater for bollard, active below 5°C
GL.PKEY	974702867	Personalised release key
GL.PRES	965002502	Pressure switch for obstacle detection

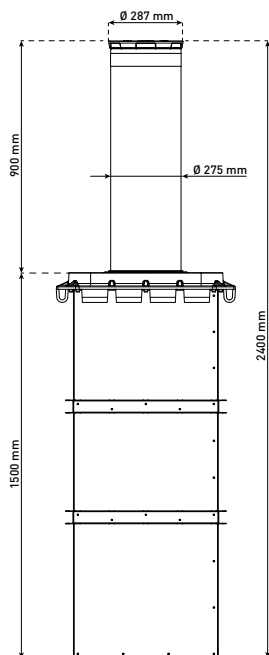
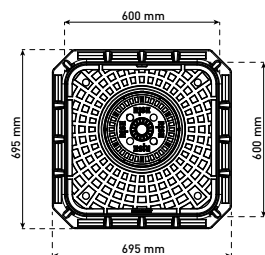


MAXIMUM M30

240_{VAC}
RISE
Smart
Moving

Crash rated automatic hydraulic bollard 240 Vac.
Cataphoresis treatment and "Graphite Black" painting
or cover in brushed AISI316 stainless steel.

height 900 mm | ø 275 mm



IWA 14-1:2013 V/7200
[N3C] /48/90: -0.8



PAS68:2013 V/7500
[N3] /48/90: -0.5



ASTM INTERNATIONAL
ASTM F2656 Rating
C730/7200 - P1

MAXIMUM M30 / I

Cylinder thickness	10 mm / 10+1.2 mm
Impact resistance	250,000 J
Breakout resistance	850,000 J
Raising time	4.5"
Lowering time	4.5"
Emergency fast operation (E.F.O.)	NO
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

MAXIMUM M30 EFO / I

Cylinder thickness	10 mm / 10+1.2 mm
Impact resistance	250,000 J
Breakout resistance	850,000 J
Raising time	4.5"
Lowering time	4.5"
Emergency fast operation (E.F.O.)	YES
Emergency rising time (E.F.O.)	~2"
Protection level	IP67
MCBF	3,000,000
Operating temperature	-40°C / +60°C

MAXIMUM M30	934302317	240 Vac automatic hydraulic anti-terrorism bollard with anti-corrosion cataphoresis treatment + RAL9011 graphite black painting
MAXIMUM M30 I	934302373	240 Vac automatic hydraulic anti-terrorism bollard with AISI316 electro-polished stainless steel sleeve
MAXIMUM M30 EFO	934302494	240 Vac automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and anti-corrosion cataphoresis treatment + RAL9011 graphite black painting
MAXIMUM M30 EFO I	934302495	240 Vac automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and AISI316 electro-polished stainless steel sleeve

ACCESSORIES:

MAX.CP BL	917602505	240 Vac control unit with buzzer and LED control
CA.M30	915002245	Foundation box
GL.TOPM30	926102961	Cover for foundation box
GL.BUZZ	953402501	Buzzer
GL.CABLE12	917102855	Cable FG12 12 x 1.5 for hydraulic bollard
GL.CABLE16	917102453	Cable FG16 16 x 1.5 for hydraulic bollard
GL.HEAT	967902500	Heater for bollard, active below 5°C
GL.PKEY M30	926102961	Burglarproof screws

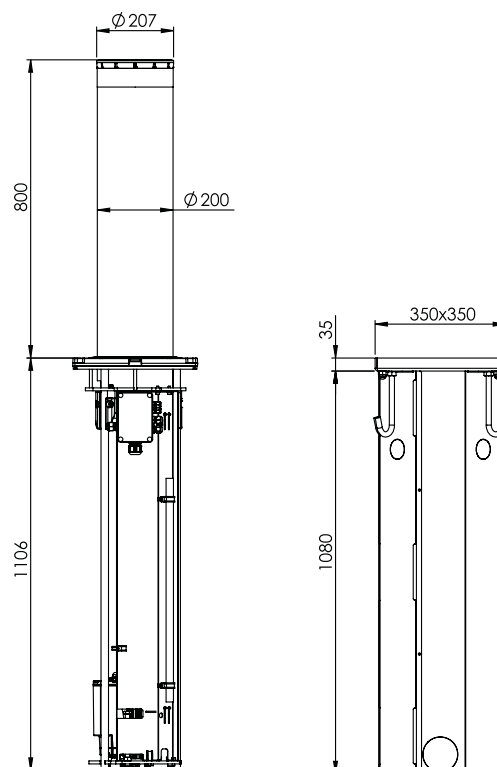
CAESAR 200/800


 24VDC

RISE
 Smart Moving

Automatic electromechanical bollard 24 Vdc, thickness 4-5 mm.
 Cataphoresis treatment and "Graphite Black" painting
 or brushed stainless steel AISI316 tube.

height 800 mm | ø 200 mm



CAESAR 200/800	
Cylinder thickness	4 mm
Impact resistance	20.000 J
Breakout resistance	150.000 J
Raising time	8"
Lowering time	7"
Cylinder material	Steel S235JR
Protection level	IP67
Operating temperature	-40°C /+60°C

CAESAR 200/800I	
Cylinder thickness	5 mm
Impact resistance	20.000 J
Breakout resistance	150.000 J
Raising time	8"
Lowering time	7"
Cylinder material	AISI 316 stainless steel
Protection level	IP67
Operating temperature	-40°C /+60°C

CAESAR 200/800	934306693	24 Vdc automatic electromechanical bollard with cataphoresis treatment and "Graphite Black" painting
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CAESAR 200/800I	934306694	24 Vdc automatic electromechanical bollard with brushed stainless steel AISI316 tube
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ACCESSORIES:

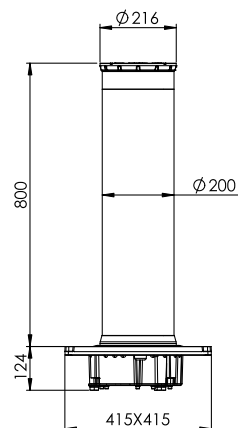
ROMA.CP	917606695	24 Vdc control unit with buzzer and LED control
ROMA.CB	917606925	Battery charger for ROMA.CP
CA200/800 E	915004087	Foundation box
EM.TOP200	926106557	Cover for foundation box
GL.BUZZ	953402501	Buzzer
GL.CABLE10	917106941	Cable FG10 10x1.5 mmq
GL.HEAT	967902500	Heater for bollard, active below 5°C
CJ 2.3	-----	2.3 Ah 12 Vdc Battery.



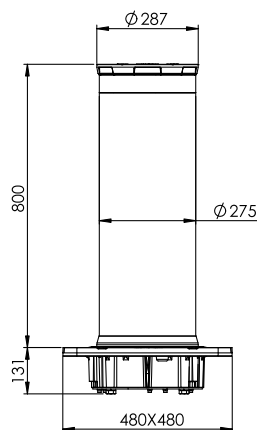
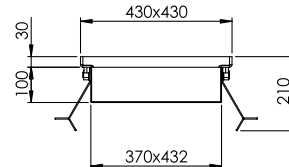
SPARTACUS F

Fixed bollard with LED crown (optional).
Cataphoresis treatment and "Graphite Black" painting
or cover in brushed AISI316 stainless steel.

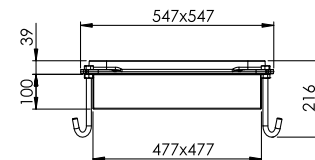
height 800 mm | ø 200-275 mm



**SPARTACUS
200/800 F**



**SPARTACUS
275/800 F**



SPARTACUS 200/800 F	934302729	Fixed bollard with cataphoresis treatment and "Graphite Black" painting
SPARTACUS 200/800 FI	934302733	Fixed bollard with cover in brushed AISI316 stainless steel
SPARTACUS 200/800 FL	934302731	Fixed bollard with LED illuminated crown, cataphoresis treatment and "Graphite Black" painting
SPARTACUS 200/800 FIL	934302735	Fixed bollard with LED illuminated crown and cover in brushed AISI316 stainless steel
SPARTACUS 275/800 F	934302683	Fixed bollard with cataphoresis treatment and "Graphite Black" painting
SPARTACUS 275/800 FI	934302687	Fixed bollard with cover in brushed AISI316 stainless steel
SPARTACUS 275/800 FL	934302685	Fixed bollard with LED illuminated crown, cataphoresis treatment and "Graphite Black" painting
SPARTACUS 275/800 FIL	934302689	Fixed bollard with LED illuminated crown and cover in brushed AISI316 stainless steel

ACCESSORIES:

CA200F	915002737	Foundation box for Ø 200 mm bollard
CA275F	915002681	Foundation box for Ø 275 mm bollard
GL.FL	902702958	Power supply for lights

	200/800 F / FI	275/800 F / FI
Cylinder diameter	200 mm	275 mm
Cylinder thickness	4 mm / 5 mm (stainless steel version)	
Impact resistance	35,000 J	40,000 J
Breakout resistance	150,000 J	250,000 J

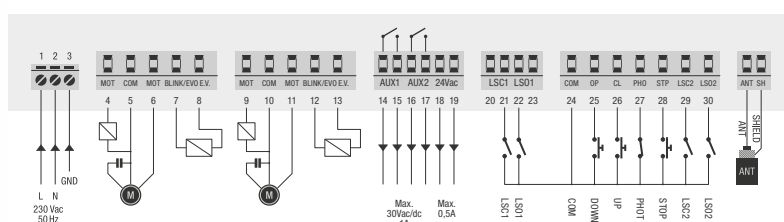
	200/800 FL / FIL	275/800 FL / FIL
Cylinder diameter	200 mm	275 mm
Cylinder thickness	4 mm / 5 mm (stainless steel version)	
Impact resistance	35,000 J	40,000 J
Breakout resistance	150,000 J	250,000 J
Lights power supply	24 Vdc	

MAX.CP BL

917602505

RISE
 Smart Moving


- 240 Vac 50/60 Hz power supply
- Control panel for 1 or 2 SPARTACUS or 1 MAXIMUM hydraulic bollards
- Integrated radio receiver 433.92 MHz, 64 codes, 3 encoding systems
- Removable terminal boards
- Parameter and logic regulations via integrated LCD display
- Automatic, semi-automatic and deadman's logic
- Programming access password
- Equipped with step-by-step command inputs separate for each bollard and centralised command inputs ALL UP and ALL DOWN for the raising and the lowering of both bollards
- Built-in board to manage buzzer/LED lights
- Separate limit switch inputs for each motor
- Control inputs for loop detectors and protection devices (GL.PRES)
- 2 outputs configurable as bollard status indicator
- Protection level IP54

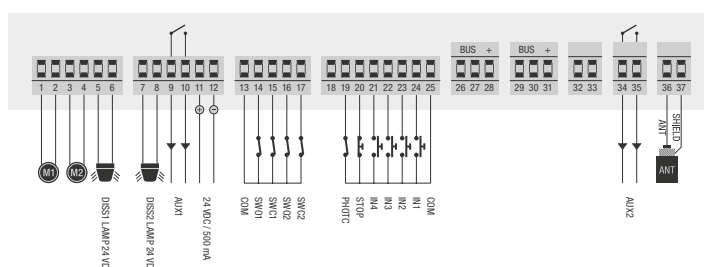


ROMA.CP

917606695

RISE
 Smart Moving


- Control panel for 2 electromechanical bollards 24 Vdc
- Integrated radio receiver 433.92 MHz, 64 codes, 3 encoding systems
- Removable terminal blocks
- Parameter and logic regulations via integrated LCD display
- Automatic, semi-automatic, and manual modes
- Adjustable raising/lowering speed of the bollard
- Integrated obstacle detection
- Dedicated input for alarm function in case of NC entry engaged
- Programming access password
- Equipped with step-by-step PP command inputs configurable and separate for each bollard, and centralized control inputs ALL UP and ALL DOWN
- Integrated buzzer/LED management
- Separate limit switch inputs for each motor
- Inputs for loop control and safety devices
- 2 configurable outputs as status indicator for bollard
- Integrated traffic light management
- Protection rating IP54





ARIA.S

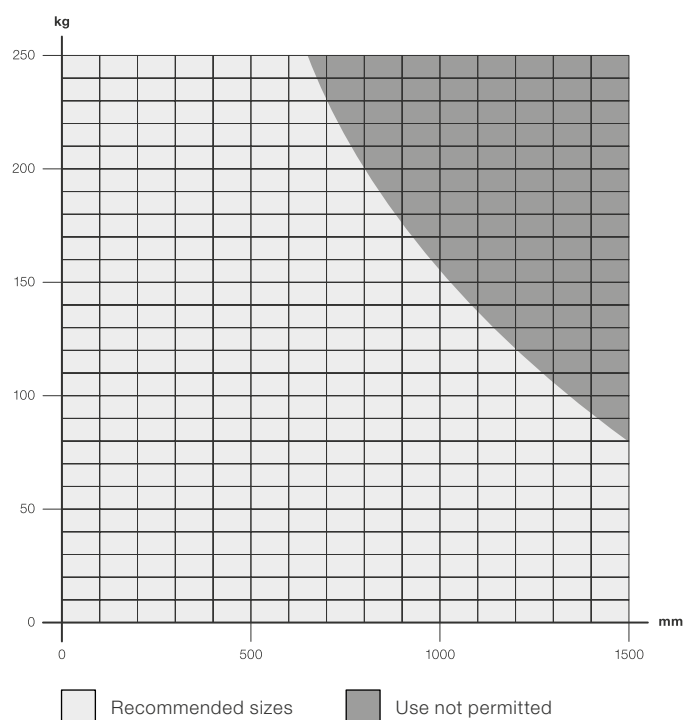
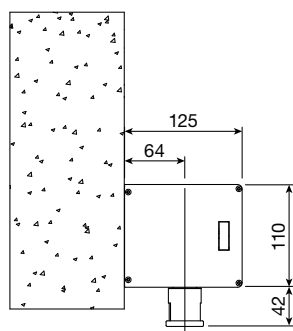
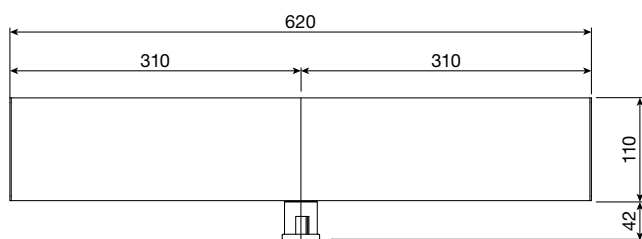
24VDC



myone

Operator for single- or double-leaf swing doors
with automatic opening and spring closing system.
Built-in rocket function switch

up to 250 kg



ARIA.S AUS Swing Out Configuration

1x ARIA.S AUS	Swing doors operator
1x 01FE0055	Door articulated arm to push

ARIA.S AUS Swing In Configuration

1x ARIA.S AUS	Swing doors operator
1x 01FE0056	Door sliding arm to pull

TO COMPLETE THE KIT:

01FE0060	Door sliding arm to push
99BA0004	Pre-wired emergency battery kit

Power consumption	70 W
Maximum torque (opening)	28 Nm
Maximum torque (closing)	18 Nm
Accessories power supply	24 Vdc = / 1 A max
Opening time	5÷15 s / 90°
Closing time	6÷15 s / 90°
Duty cycle	100%
Protection level	IP31
Operating temperature	-15°C /+50°C



ARIA SLIM

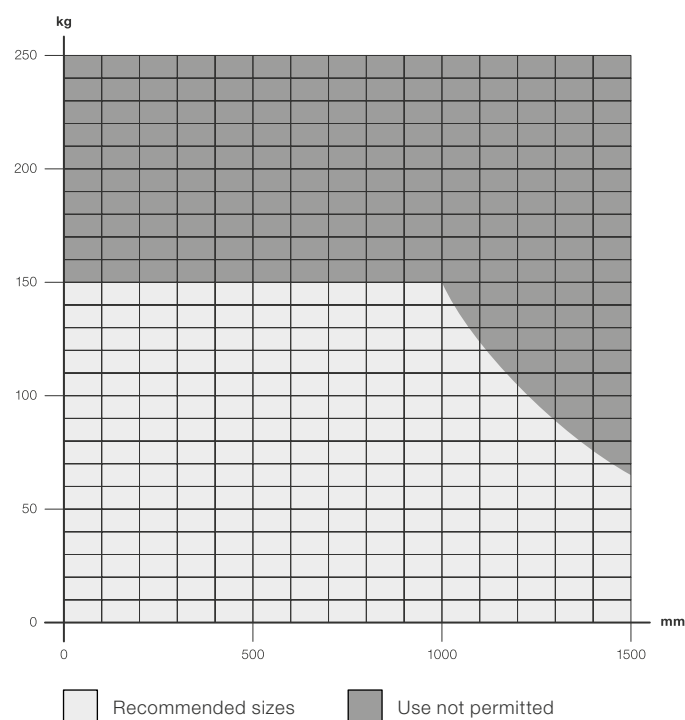
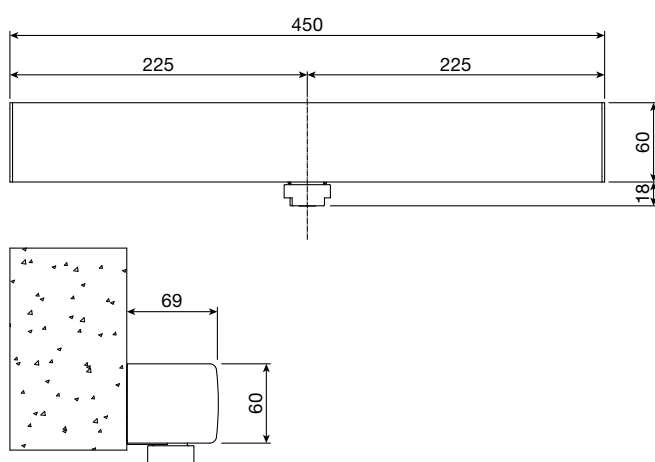
24VDC



myone

Compact operator for single- or double-leaf swing doors
with automatic opening and closing

up to 150 kg



ARIA SLIM Swing Out Configuration

1x ARIA SLIM	Swing doors operator
1x 01FE0064	Door articulated arm to push

ARIA SLIM Swing In Configuration

1x ARIA SLIM	Swing doors operator
1x 01FE0062	Door sliding arm to pull

TO COMPLETE THE KIT:

01FE0063	Door sliding arm to push
99BA0006	Pre-wired emergency battery kit

Power consumption	65 W
Maximum torque	30 Nm
Accessories power supply	24 Vdc = / 0.5 A max
Opening time	3÷12 s / 90°
Closing time	5÷12 s / 90°
Duty cycle	100%
Protection level	IP31
Operating temperature	-15°C / +50°C



LUCE

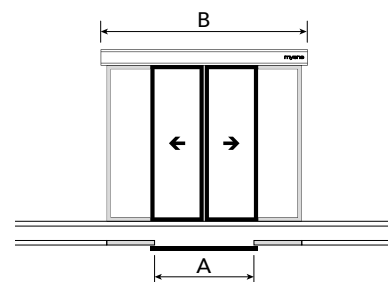
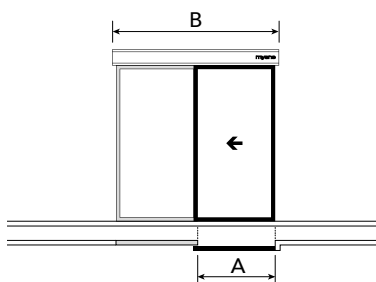
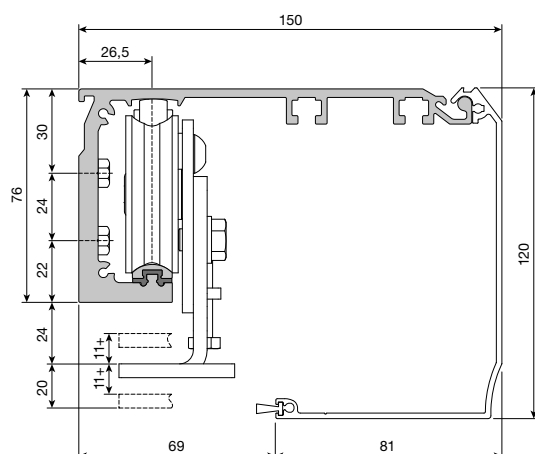
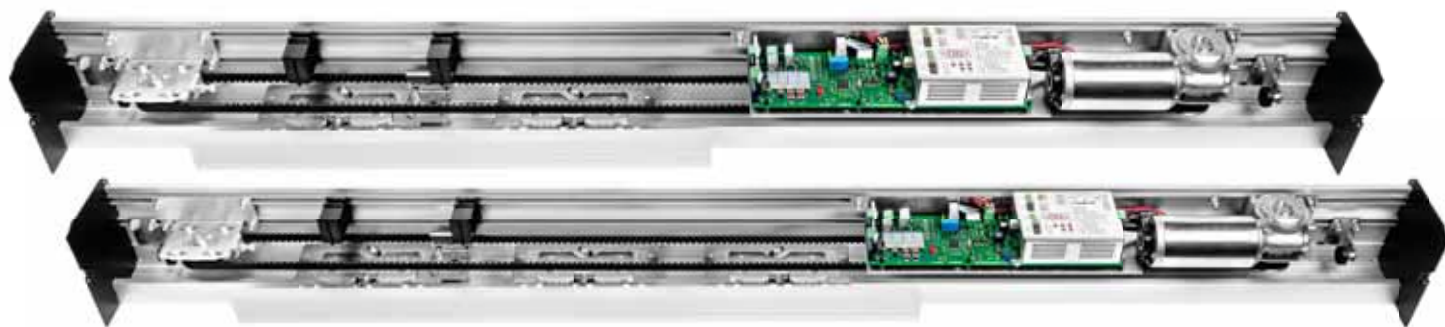
24VDC



myone

Operator for single- or double-leaf sliding doors
with built-in encoder and three-wheeled sliding carriages

up to 400 kg or 250+250 kg



**1 leaf
max. 200 kg**

**2 leaves
max. 130+130 kg**

		A (mm)	B (mm)
LUCHEH1901	LUCHEH1902	900	1,900
LUCHEH2101	LUCHEH2102	1,000	2,100
LUCHEH2501	LUCHEH2502	1,200	2,500
LUCHEH2901	LUCHEH2902	1,400	2,900
LUCHEH3301	LUCHEH3302	1,600	3,300
LUCHEH3701	LUCHEH3702	1,800	3,700
LUCHEH4201	LUCHEH4202	2,000	4,200
LUCHEH5001	LUCHEH5002	2,450	5,000
LUCHEH6501	LUCHEH6502	3,100	6,500

**1 leaf
max. 400 kg**

**2 leaves
max. 250+250 kg**

		A (mm)	B (mm)
LUCESH1901	LUCESH1902	900	1,900
LUCESH2101	LUCESH2102	1,000	2,100
LUCESH2501	LUCESH2502	1,200	2,500
LUCESH2901	LUCESH2902	1,400	2,900
LUCESH3301	LUCESH3302	1,600	3,300
LUCESH3701	LUCESH3702	1,800	3,700
LUCESH4201	LUCESH4202	2,000	4,200
LUCESH5001	LUCESH5002	2,450	5,000
LUCESH6501	LUCESH6502	3,100	6,500

the preassembled operator is made up of:

control unit | gear motor with encoder | three-wheeled sliding carriages | track |
anodised aluminium cover | belt pulleys | mechanical stops | belt | cable guide | side covers

TO COMPLETE THE KIT:

99BA0003 Emergency battery kit with wiring and bracket

LUCE H

Power consumption	70 W
Accessories power supply	24 Vdc = / 1 A max
Maximum speed 1 door	0.8 m/s
Maximum speed 2 doors	1.6 m/s
Duty cycle	100%
Protection level	IP20
Operating temperature	-15°C /+50°C

LUCE SH

Power consumption	70 W
Accessories power supply	24 Vdc = / 1 A max
Maximum speed 1 door	0.35 m/s
Maximum speed 2 doors	0.7 m/s
Duty cycle	100%
Protection level	IP20
Operating temperature	-15°C /+50°C



ACCESSORIES FOR AUTOMATIC DOORS

myone

			 sliding doors	 swing doors
01AL0030 - 1000 mm 01AL0031 - 1500 mm 01AL0032 - 2000 mm 01AL0035 - 3000 mm		Aluminium floor guide for one leaf	✓	
01FE0018		Floor guide slider	✓	
01AL0008 - 1000 mm 01AL0009 - 1500 mm 01AL0010 - 2000 mm 01AL0015 - 3000 mm 01AL0016 - 5670 mm 01AL0020 - 6500 mm		Standard leaf fastening device complete with fixing brackets for the carriage	✓	
90RM0053		Pair of leaf fixing brackets (1 leaf)	✓	
99AC0004 - 1000 mm 99AC0005 - 1500 mm 99AC0006 - 2000 mm 99AC0016 - 3000 mm 99AC0021 - 5670 mm 99AC0029 - 6500 mm		Fastening set for glass leaf (10-12 mm) with pre-drilled holes	✓	
99AC0001 - 1000 mm 99AC0002 - 1500 mm 99AC0003 - 2000 mm 99AC0014 - 3000 mm 99AC0015 - 5670 mm 99AC0027 - 6500 mm		Fastening clamp set for glass leaf (10-12 mm thickness)	✓	
01FE0049		Glass door slider (6 piece pack)	✓	
01FE0050		Glass door stainless steel slider	✓	
31SR0010		Key-operated rotary selector for sliding door - IP54	✓	
31SR0012		Key-operated rotary selector for swing door - IP54		✓
AQA		Digital programmer/selector with LCD screen for sliding door	✓	
AQA.S		Digital programmer/selector with LCD screen for swing door		✓
31RD0003		Opening and safety autotest sensor - EN16005 - IP54	✓	
31RD0006		Opening and safety autotest sensor - IP54	✓	
31RS0008		Safety sensor for swing doors, pair - EN16005 - IP54		✓
31RM0002		Bidirectional microwave sensor. - IP54	✓	✓
31RS0001		Swing door safety sensor (silver colour) - EN16005 - IP54 - L. 350 mm		✓
31RS0002		Swing door safety sensor (silver colour) - EN16005 - IP54 - L. 900 mm		✓
31ST0005		Touchless opening control, cable powered - IP65	✓	✓
31ST0006		Touchless opening control, cable powered - IP65	✓	✓



TRANSMITTERS

IRI.TX4VA

9863198

4-channel transmitter with Advanced Rolling Code and HCS Rolling Code.



IRI.TX4AK

9863208

4-channel clonable transmitter with Advanced Rolling Code and Fixed Code.



TO.GO2A

9863178

2-channel transmitter with Advanced Rolling Code.



TO.GO4A

9863179

4-channel transmitter with Advanced Rolling Code.



SMART

9830075

Cover compatible with TO.GO transmitters for internal wall mounting.



TO.CLIP

9830081

Car accessory for TO.GO transmitters.



UNIVERSAL RECEIVERS AND ANTENNAS

ONE.2WB

9673103

433.92 MHz receiver with power supply 12÷28 VDC / 21÷28 VAC, 2 channels with triple coding: Advanced Rolling Code, HCS Rolling Code and Fixed Code, in box. 512 memorisable codes.



AWO

9076062

433.92 MHz antenna for external installation with IP54 box, fitted with shielded RG58 5 m cable.





DESIGNED FOR PROFESSIONALS

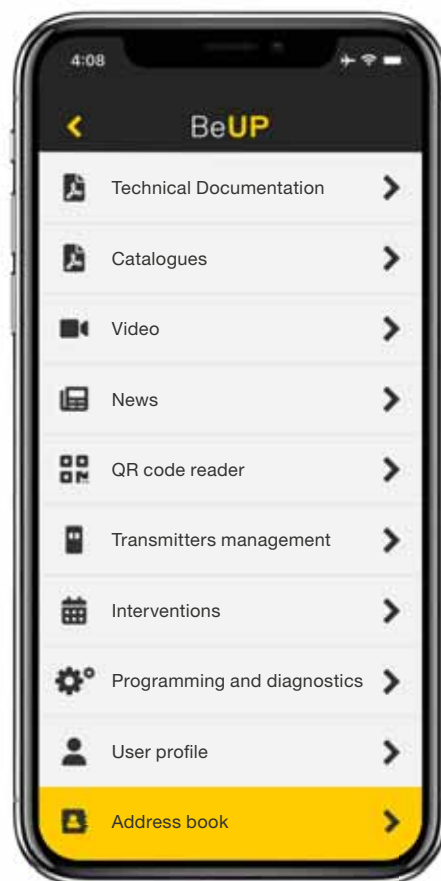
PROGRAMMING AND DIAGNOSTICS OF COMPATIBLE CONTROL UNITS THROUGH BEUP AND PRO.UP

BeUP is the application, available for iOS and Android operating systems, dedicated to professionals which, in combination with pro.UP, allows you to programme Benincà control units quickly and easily directly from your vehicle. Furthermore, by connecting pro.UP to the cloud server, it is possible to store the installations realized in a specific system in the address book, view the details of the system and the history of the interventions performed, moreover it is possible to easily update the firmware.

Choose to do the best job you can.



- Through the serial connection of the pro.UP interface module, a series of additional features are available to simplify the installation and maintenance phases of the systems
- It is possible to consult the complete menu of the control unit directly from your smartphone and proceed with the programming (only through pro.UP and compatible control units)
- Permits advanced levels of programming also for the simplest control units (e.g. precise adjustment of parameters, adjustment of slowdowns, protection of the control unit with password, etc.)
- Easily export the control unit menu and transmitters configurations as back up if required in the future (e.g. system resets in the event of faults)
- In the event of a request for assistance by the end user, it is possible to connect remotely to the system, subject to authorisation, and read the diagnostic data provided by the control unit, consult the event log recorded by pro.UP, make changes to the configuration, launch test commands and manage radio transmitters (function only available with the installation of the pro.UP interface on the system and its online configuration)
- Possibility of creating and managing a customer contact list, associating systems and product installations



pro.UP

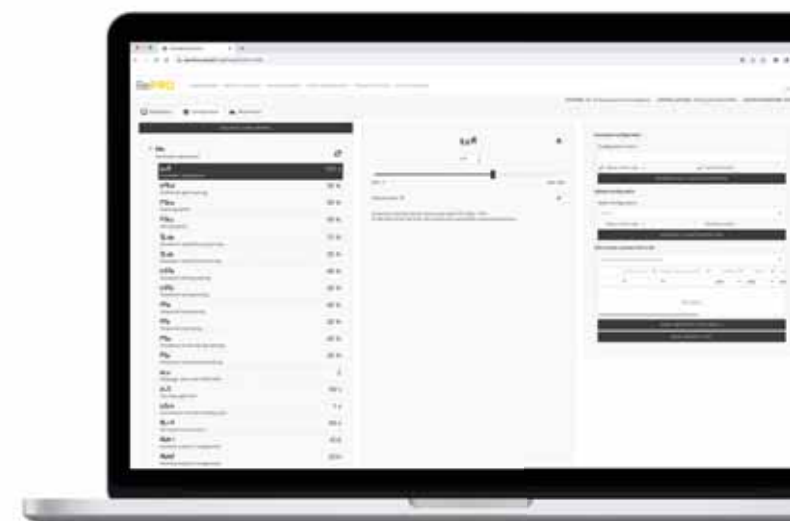
Interface for remote programming and diagnostics.

Serial or wired connection for remote command and control.



CONNECTION WITH THE IOT WORLD

- WiFi 802.11b/g/n - 2.4 GHz
- Ethernet RJ45



BePRO

www.beninca.cloud

- The web portal for professionals, created to complete the features of the BeUP app, which allows you to expand remotely the control of plants and installations
- Consult all the entries of the system configuration and, if necessary, easily modify them
- Each installation comes with an archive in which you can upload documents for quick reference at any time
- Geolocate the systems on the map to facilitate the planning of their interventions
- View and consult the power consumption curves of the motors for each registered installation
- Manage the lists of radio transmitters also with import/export from the memory of the connected control units or from files (.csv or .xlsx)



ELECTRIC LOCKS

DU.V90

9765030

12 Vac/dc horizontal electric lock, supplied with counterplate. Permits internal/external release.



E.LOCK

9765001

240 Vac vertical electric lock, supplied with counterplate.



FEM4500FS

Weather resistant electro magnetic lock: Holding force of 200 kg 12/24VDC. 12VDC = 360mA | 24VDC = 180mA.



AMBZ3

Fixing Bracket to suit FEM4500FS.

FEM5000G

Weather resistant electro magnetic lock: Holding force of 680 kg 12/24VDC. 12VDC = 480mA | 24VDC = 240mA.



AMBZ1

Fixing bracket to suit FEM 5000G.

BATTERY CHARGER AND BATTERIES

CBY.24V

9760016

Battery charger card. It allows charging two different types of nickel metalhydrate and lead batteries.



BATT CABLE

968604229

Cables for batteries installation.



CJ 1.3

1.3 Ah 12 Vdc Battery.



CJ 2.3

2.3 Ah 12 Vdc Battery.



CJ 3.2

3.2 Ah 12 Vdc Battery.





DIGITAL KEYPADS

IRI.KPAD

9760033

Battery-operated (3.6 V 1/2 AA) wireless vandal-proof digital keypad with alert buzzer and backlit buttons. Triple coding: Advanced Rolling Code, HCS Rolling Code and Fixed Code. It can memorise up to 254 PINs. Green (OK) and Red (KO) LED indicator lights.



IRI.KPAD-C

9760032

Wired vandal-proof digital keypad with alert buzzer and backlit buttons. Stand alone operation for single channel only or use through the BE.REC accessory. 12/24 VAC/DC power supply. Green (OK) and Red (KO) LED indicator lights.



IRI.KPAD^{INOX}

976002413

Stainless steel version.

BE.CODE

9670002

Wireless battery operated keypad (3 V CR123A), with triple coding: Advanced Rolling Code, HCS Rolling Code and Fixed Code. Numerical membrane keypad to guarantee maximum activation sensitivity. It can memorise up to 254 PINs and manage Administrator and User PINs.



ACQ41SB / 42SB

- Operating Voltage Range: 12 to 24 Vdc from a regulated power supply or 12 to 24 Vac from a transformer
- 500 users can have PIN user credentials for granting access
- Smooth attractive design, with anti-vandal construction
- Highly visible blue backlit keypad
- 3 operational Security Levels can be selected with special PIN codes
- Supports up to 8-digit PIN codes, with timed wrong code lockout after 3 wrong attempts
- 2 tri-coloured LEDs and integral sounder for programming
- **Proximity card facility in ACQ42SB VERSION ONLY**



FLASHING LIGHTS

IRI.LAMP

9534011

White full range flashing light (20÷255 Vac/dc), with built-in antenna.



IRI.LAMP-Y

9534012

Yellow full range flashing light (20÷255 Vac/dc), with built-in antenna.



STAR

953402665

White full range flashing light (12÷255 Vac / 14÷255 Vdc), with built-in antenna.





PHOTOCELLS AND SAFETY DEVICES

PUPILLA

940901764

Pair of photocells adjustable to 180°, 22÷30 Vac / 20÷28 Vdc power supply. Possibility to synchronise up to 4 pairs. Easy adjustment through a LED that signals optimal alignment.



PUPILLA.T

940901763

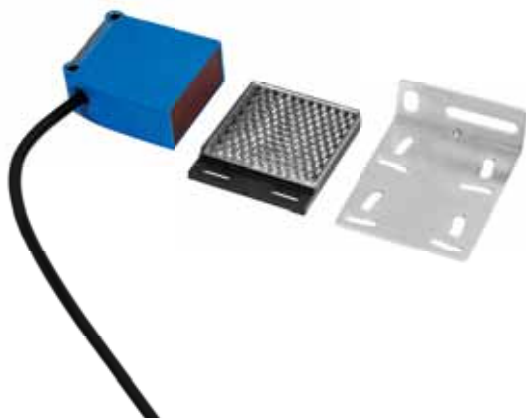
Pair of adjustable photocells with three positions, power supply 14÷30 Vac / 12÷30 Vdc. Option to mount 2 pairs close together without synchronization.



KREX

940901813

Compact photocell with double lens equipped with reflector, 24÷240 Vac/dc power supply.



IR-IT

340904129

Modulated IR outdoor coded photocells, with battery-operated transmitter, 180° rotation and nominal range of 20 m. Two pairs of the same model can also be installed without interference as long as they are appropriately coded at the moment of installation.



FT25B

12-24 Vac/dc (transmitter can be powered by 2 x 3.6V lithium batteries). Wireless or hard wired. 25 m nominal range, 8 m external use.



IRI.CELL

9252070

Pair of vandal-proof metal covers for PUPILLA/PUPILLA.T photocells, comprising front and rear shells with concealed screw. They can maintain perfect orientation over 180°.



PHOTOCELLS AND SAFETY DEVICES

POL.05

923001615

Pair of disassembled columns, not premounted, equipped with base and bracket for PUPILLA photocells. Option of installing and orienting up to 2 pairs of photocells. H=0.5 m



LD102

Single channel loop detector with 11 pin base. 12-24 Vac/dc. LED indicators for easy diagnostics.

LD202

Dual channel loop detector with 11 pin base. 12-24 Vac/dc. LED indicators for easy diagnostics.



TL2

9766005

2 light 24 Vdc LED traffic light.

LED.TL

9766003

2 light 240 Vac LED traffic light.



VE.CS

9760050

Traffic-light control unit for LED.TL.



EVOLOOP

976707130

The EVOLOOP replaces induction loops and photocells, offering a 140° field of view, up to 3 independent virtual loops, and a maximum detection area of 7x7 m. It triggers barrier operations and can activate ticketing and license plate recognition systems, while ensuring safety for vehicles and pedestrians (EN 12453 type D).



LZR-H100

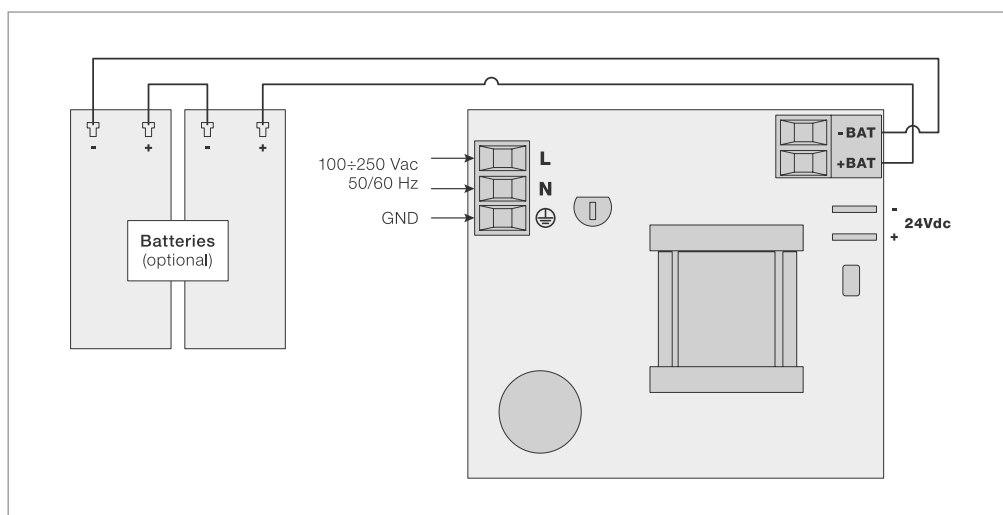
967401929

Laser control and safety sensor for barriers, certified EN12453 type E. Adjustable Detection area up to 9.9 m x 9.9 m.





SWITCHING POWER SUPPLIES



SA.24V

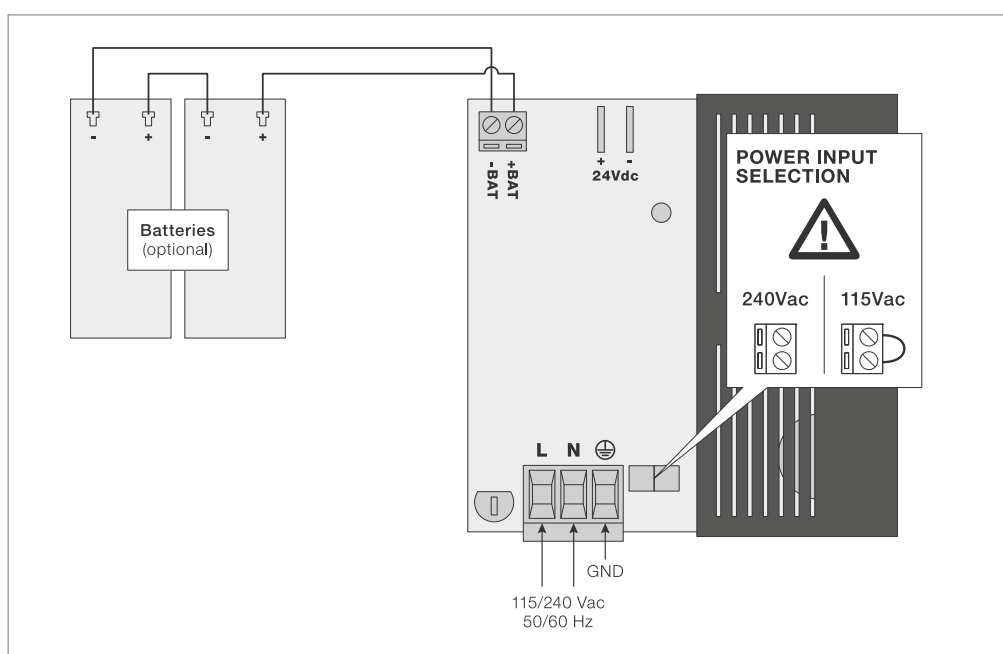
9027030

Switching power supply with integrated battery charger and removable terminal boards.

Up to 25m run.

Power supply:
100 ÷ 250 Vac - 50/60 Hz

Motor power supply:
27.5 Vdc / 120 W (220 W peak)



SAR.24V

902706685

Switching power supply with integrated battery charger and removable terminal boards.

Up to 50m run.

Power supply:
115 or 240 Vac (selectable) 50/60Hz

Motor power supply:
27.5 Vdc / 250 W (400 W peak)



CABLE SW

917106787

Cables for SA.24/SAR.24 fast connection.



BOXES FOR CONTROL UNITS

SB

9252003

Plastic box for small control units. IP55.
External dimensions: 130x160x73 mm.



HB

9252014

Box for control units. IP55.
External dimensions: 188x266x99 mm.



LB

9252001

Standard box for control units. IP55.
External dimensions: 220x290x118 mm.



XLB

925200750

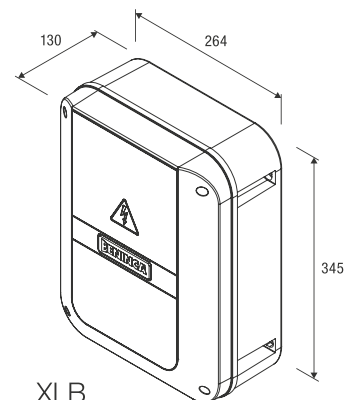
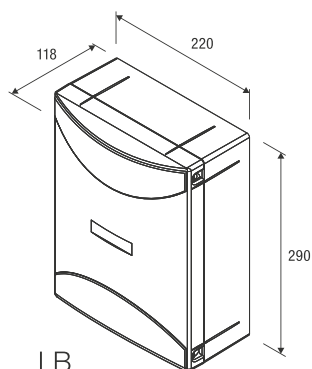
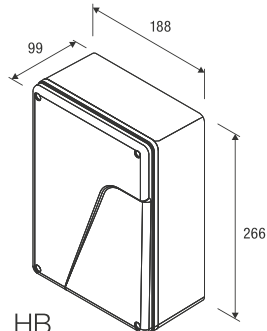
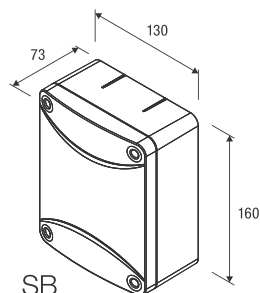
Box for industrial control units. IP55.
External dimensions: 264x345x130 mm.



DA.LB

9230031

Galvanized column for outdoor
installation of LB box.

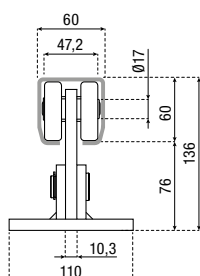
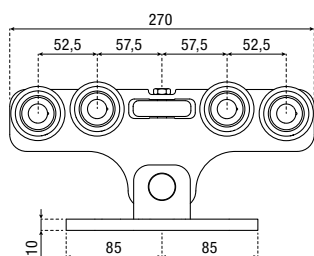




CANTILEVER SLIDING GATES

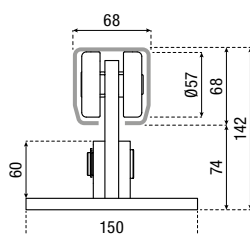
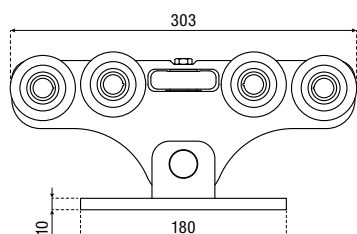


Consult the online
configurator to design your
own cantilever sliding gate



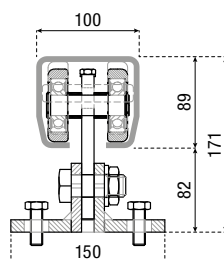
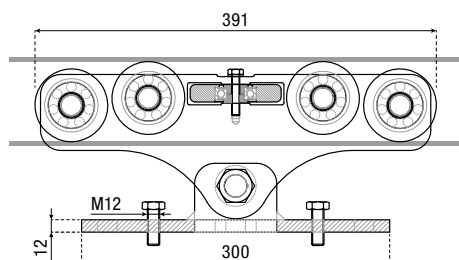
KIT 301.9M

2x 301.9M	Support roller with 9 wheels
1x 323.6	Galvanised guide track, 6 m long, 5.25 kg/m
1x 307.M	Guide roller
1x 310.M	Limit stop



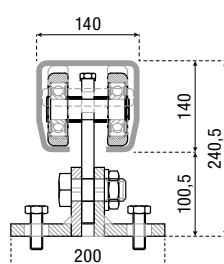
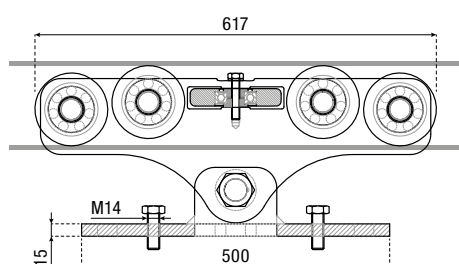
KIT 301.9XM

2x 301.9XM	Support roller with 9 wheels
1x 338.6	Galvanised guide track, 6 m long, 6 kg/m
1x 307.XM	Guide roller
1x 310.M	Limit stop



KIT 301.9L

2x 301.9L	Support roller with 9 wheels
1x 330.6	Galvanised guide track, S350GD+Z275 steel (LH version), 6 m long, 11.7 kg/m
1x 307.L	Guide roller
1x 310.L	Limit stop



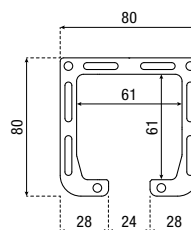
KIT 301.9XL

2x 301.9XL	Support roller with 9 wheels
1x 333.3	Galvanised guide track, 3 m long, 22.05 kg/m
1x 333.6	Galvanised guide track, 6 m long, 22.05 kg/m
1x 307.XL	Guide roller
1x 310.XL	Limit stop

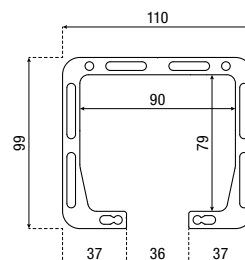


XMA & LA

New series of aluminum tracks and rollers with "nylon" wheels, for cantilever sliding gates



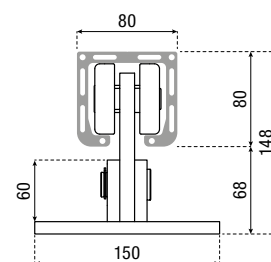
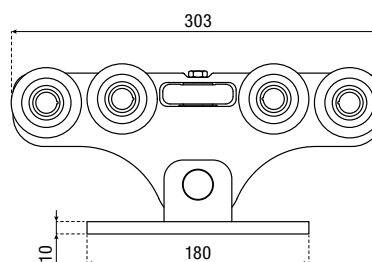
339.6
Aluminium guide track,
6 m long, 5 kg/m



326.6
Aluminium guide track,
6 m long, 6.85 kg/m

XMA SERIES

up to 6 m / 400 kg

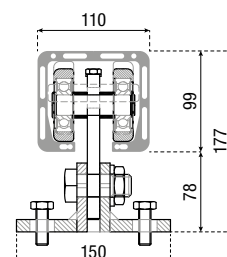
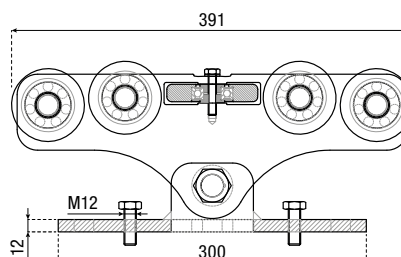


KIT 301.9XMA

2x 301.9XMA	Support roller with 9 nylon wheels
1x 339.6	Aluminium guide track, 6 m long, 5 kg/m
1x 307.XMA	AISI304 stainless steel guide roller
1x 310.XM	Limit stop

LA SERIES

up to 12 m / 600 kg



KIT 301.9LA

2x 301.9LA	Support roller with 9 nylon wheels
1x 326.6	Aluminium guide track, 6 m long, 6.85 kg/m
1x 307.LA	AISI304 stainless steel guide roller
1x 310.XM	Limit stop



TELESCOPIC SLIDING GATES



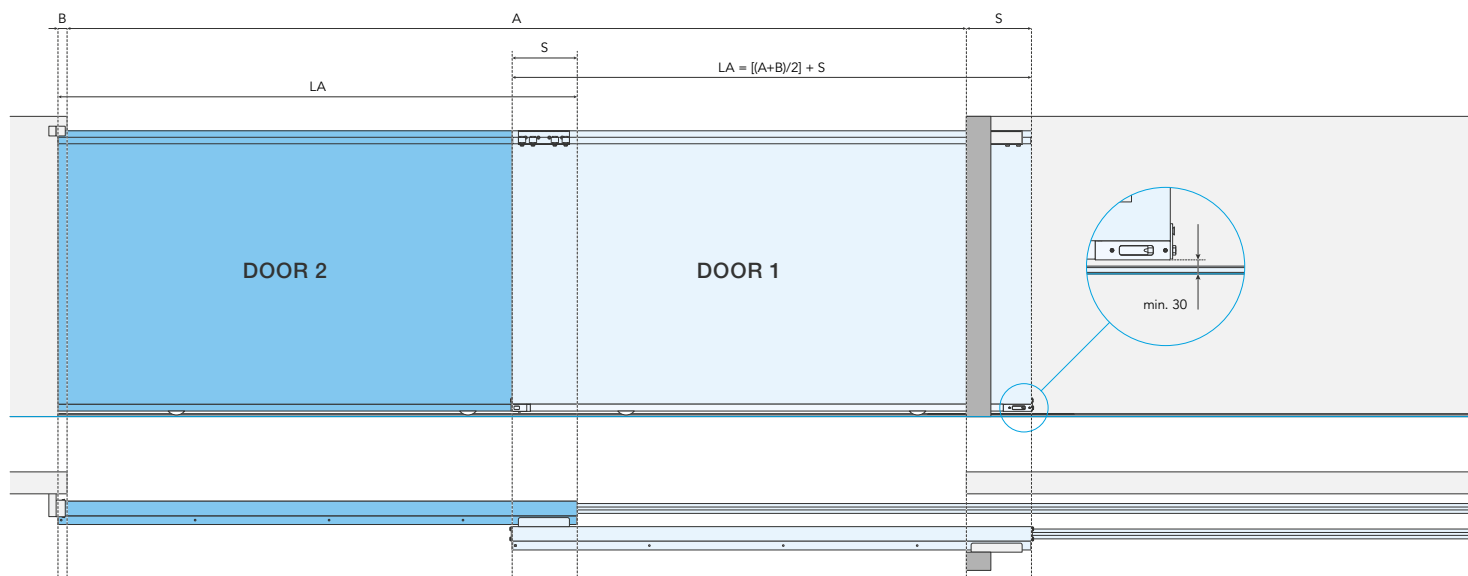
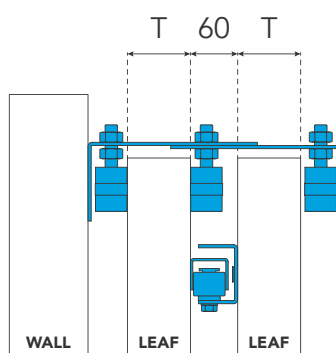
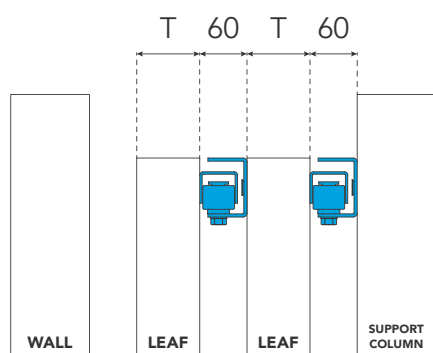
Watch the assembly
instruction video



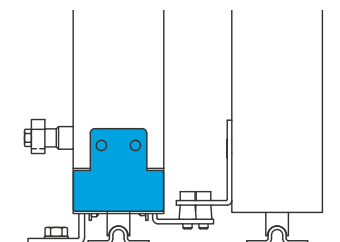
2x



+

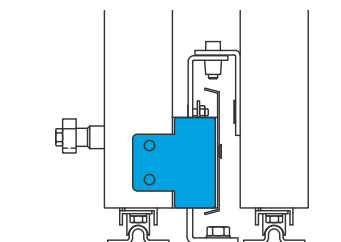


BOTTOM MOUNTING



The pulley box is positioned under the gate. The cable running underneath the lower part allows eliminating the aesthetic impact, also thanks to the side guards (281.11). This type of assembly allows installing more than two leaves. Sliding wheels should be min 120 mm diameter. Gate section to be min 60 mm and 120 mm.

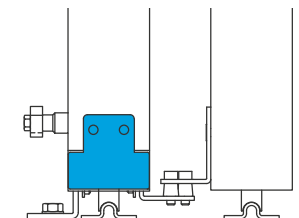
SIDE MOUNTING



The pulley box is installed on the side of the gate, which allows eliminating the constraints of wheel diameter and T gate profile dimensions. This configuration does not allow assembling more than two leaves.

280.B35

Kit bottom mounting 4+4 m

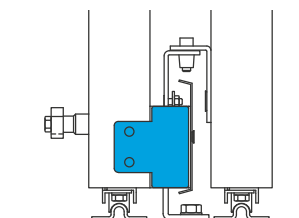


280.B35 - Kit bottom mounting 4+4 m

1x 281.12	Lower covers (pair of) 38x20x1.5 L2M ZNB
1x 282.501	Fixed pulley box D5
1x 282.511	Mobile pulley box D5
1x 282.521	Fixed bracket (lower mounting)
1x 282.531	Mobile bracket (lower mounting)
1x 283.011	Fixing bracket 42x40x3 for 283.323 track
1x 283.013	Side caps 38x38 for 283.323 track
1x 283.301	Conveyor plate with 4 rollers D30
1x 283.323	Galvanised 2m track 38x38x3 for rollers D30
1x 284.501	Galvanised anti-twist cable ø 5 mm 7x19 (10 m)

280.S35

Kit side mounting 4+4 m

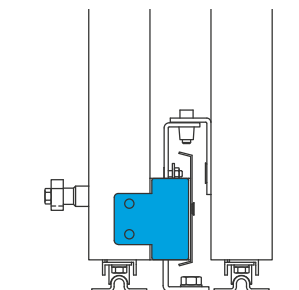


280.S35 - Kit side mounting 4+4 m

1x 281.22	Side covers (pair of) 105x1.5 L2000 ZNB
1x 282.501	Fixed pulley box D5
1x 282.511	Mobile pulley box D5
1x 282.541	Fixed bracket (side mounting)
1x 282.551	Mobile bracket (side mounting)
1x 283.011	Fixing bracket L 42x40x3 for 283.323 track
1x 283.013	Side caps 38x38 for 283.323 track
1x 283.301	Conveyor plate with 4 rollers D30
1x 283.323	Galvanised 2m track 38x38x3 for rollers D30
1x 284.501	Galvanised anti-twist cable ø 5 mm 7x19 (10 m)

280.S08

Kit side mounting 10+10 m



280.S08 - Kit side mounting 10+10 m

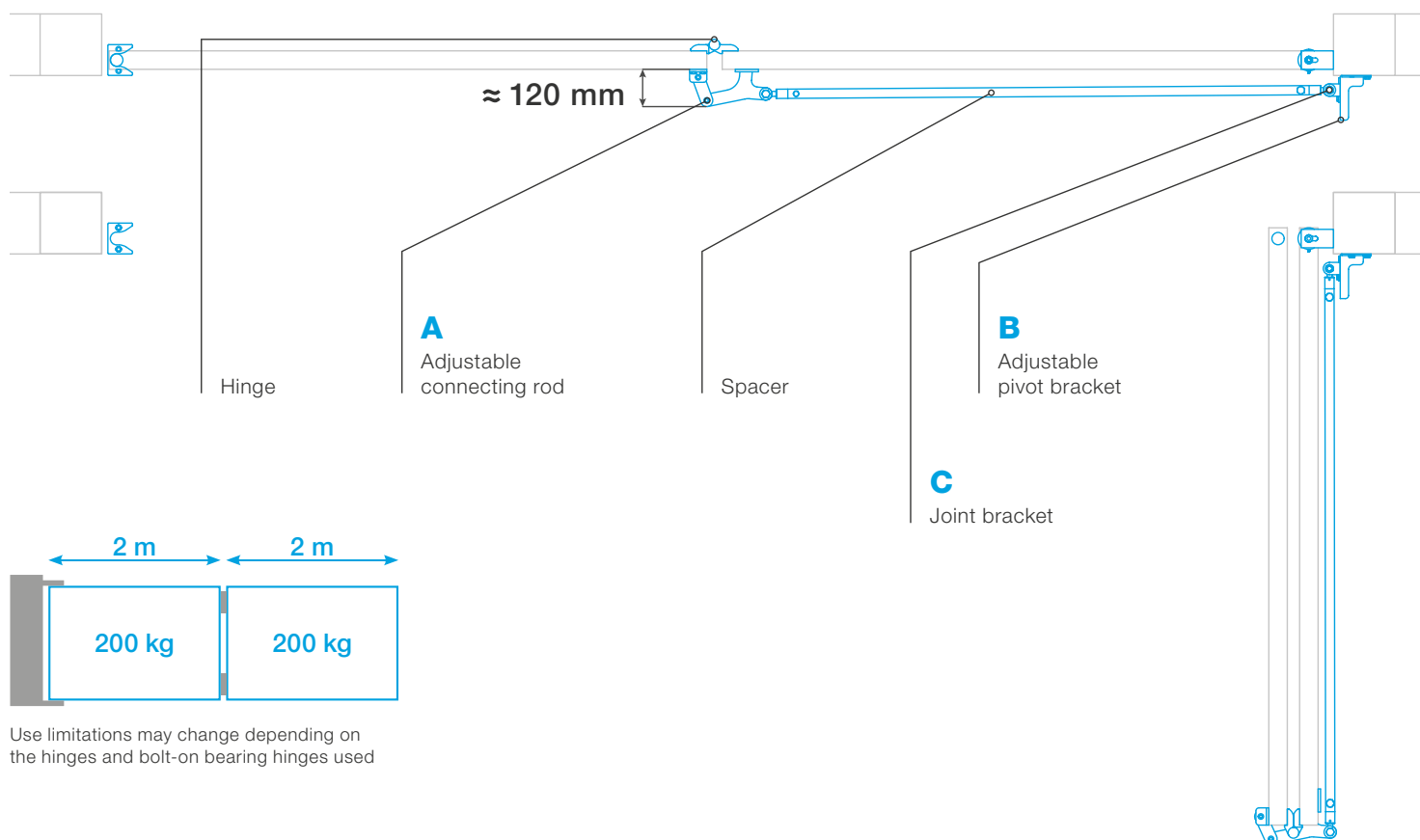
2x 282.811	Mobile pulley D8
1x 282.561	Fixed bracket (side mounting)
1x 282.571	Mobile bracket (side mounting)

TO COMPLETE THE KIT:

284.803	Galvanised anti-twist cable ø 8 mm
---------	------------------------------------



M KIT FOR BIFOLDING SWING GATES



500.B00

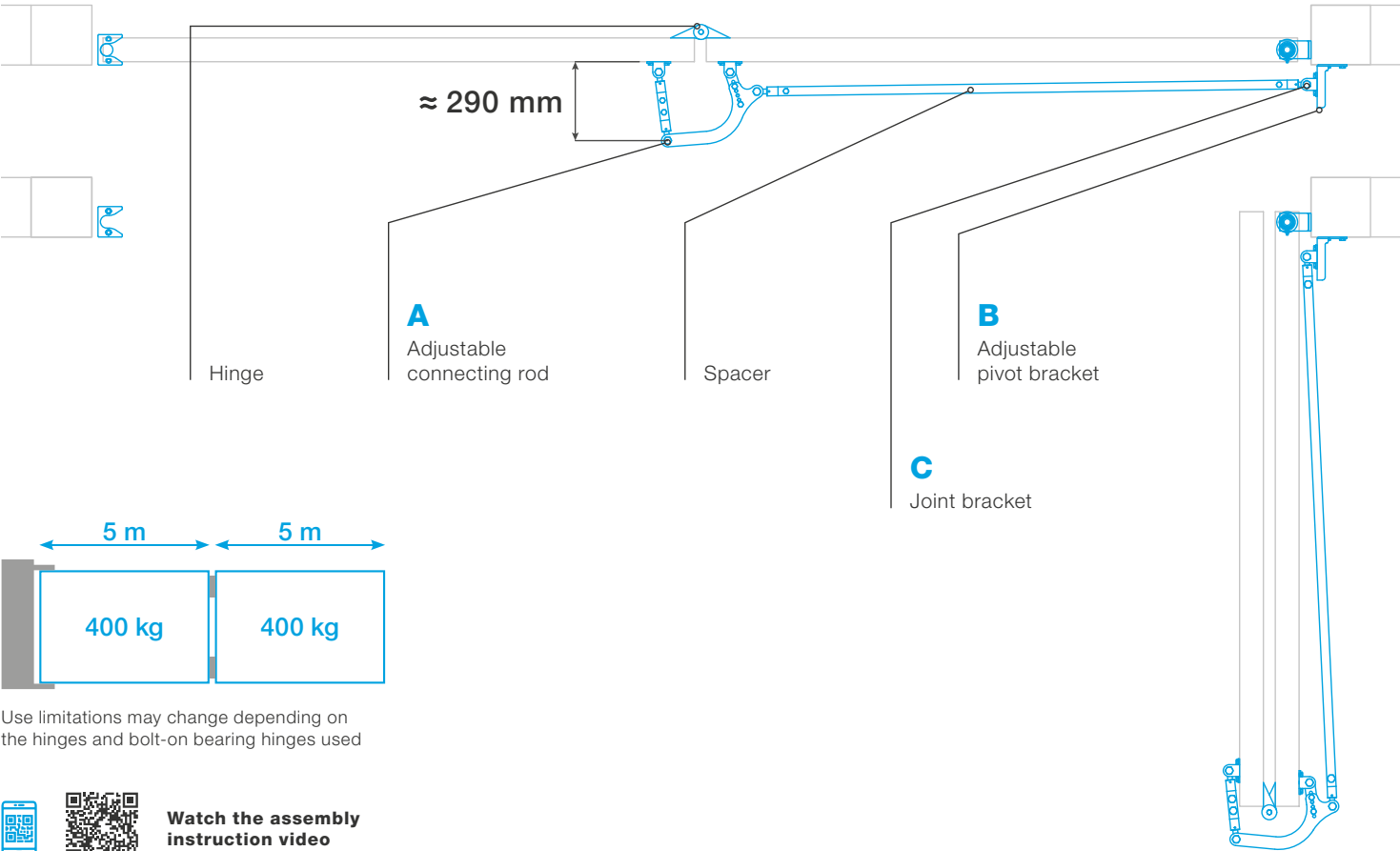
TO COMPLETE THE KIT:

451.42		Upper hinge with bearing and bracket to be fixed
455.4		Lower hinge with bearing, to be welded
580.10		Hinge with removable pin and washers
581.10		Black aluminium double hinge
642.40		Guide roller with bearing and pin
528.40		Lower limit stop for Ø40 mm rollers

A	1x Adjustable connecting rod
B	1x Adjustable pivot bracket
C	1x Joint bracket



XL KIT FOR BIFOLDING SWING GATES



500.A00



A	1x Adjustable connecting rod
B	1x Adjustable pivot bracket
C	1x Joint bracket

TO COMPLETE THE KIT:

451.42		Upper hinge with bearing and bracket to be fixed
455.4		Lower hinge with bearing, to be welded
580.10		Hinge with removable pin and washers
581.10		Black aluminium double hinge
642.40		Guide roller with bearing and pin
528.40		Lower limit stop for Ø40 mm rollers



	104.100	Ø 98 mm galvanised wheel with bolt, half-round groove, 2 bearings		212.0	Adjustable guide bracket to be fixed, 2 rollers
	104.120	Ø 118 mm galvanised wheel with bolt, half-round groove, 2 bearings		220.3	Ø 40 mm white nylon guide roller, with pin
	104.140	Ø 138 mm galvanised wheel with bolt, half-round groove, 2 bearings		221.1	Ø 35 mm white nylon guide roller, with spacer washer
	104.160	Ø 158 mm galvanised wheel with bolt, half-round groove, 2 bearings		221.2	Ø 42 mm white nylon guide roller, with spacer washer
	104.200	Ø 198 mm galvanised wheel with bolt, half-round groove, 2 bearings		221.3	Ø 52 mm white nylon guide roller, with spacer washer
	112.80	Ø 78 mm galvanised wheel with internal support, half-round groove, 1 bearing		222.1	Ø 25 mm black nylon guide roller, with pin
	112.90	Ø 88 mm galvanised wheel with internal support, half-round groove, 1 bearing		222.2	Ø 30 mm black nylon guide roller, with pin
	113.100	Ø 98 mm galvanised wheel with internal support, half-round groove, 2 bearings		222.3	Ø 40 mm black nylon guide roller, with pin
	113.120	Ø 118 mm galvanised wheel with internal support, half-round groove, 2 bearings		223.1	Ø 36 mm black nylon guide roller, with spacer washer
	113.140	Ø 138 mm galvanised wheel with internal support, half-round groove, 2 bearings		225.03	Ø 50 mm rubber guide roller NBR SH80
	132.100	Ø 98 mm galvanised overhead gate wheel with half-round groove, 1 bearing		225.06	Ø 50 mm rubber guide roller NBR SH80
	187.3	Track to be fixed for gates and doors, 3 m long, with half-round groove		225.12	Ø 50 mm rubber guide roller NBR SH80
	187.6	Track to be fixed for gates and doors, 6 m long, with half-round groove		226.03	Ø 51 mm white nylon guide roller
	199.1	Hydraulic radial brake, M4 Z16, maximum torque 7 Nm		226.06	Ø 51 mm white nylon guide roller
	199.2	Hydraulic radial brake, M4 Z16, maximum torque 30 Nm		226.12	Ø 50 mm white nylon guide roller



	233.6	Industrial guide roller with bracket		301.9XM	Support roller with 9 wheels, XM series
	241.1	Door stop to be welded		301.9L	Support roller with 9 wheels, L series
	241.2	Door stop to be welded		301.9XL	Support roller with 9 wheels, XL series
	242.1	Door stop with fixing plate		301.16XXL	Support roller with 16 wheels, XXL series
	242.2	Door stop with fixing plate		301.5XMA	Support roller with 5 nylon wheels, XMA series
	243.2	Door stop with shaped fixing plate		301.8XMA	Support roller with 8 nylon wheels, XMA series
	244.4	Door stop with adjustable rubber pad		301.9XMA	Support roller with 9 nylon wheels, XMA series
	245.3	Shock absorber with spring and fixing plate		301.5LA	Support roller with 5 nylon wheels, LA series
	250.2	Safety limit stop to be welded		301.8LA	Support roller with 8 nylon wheels, LA series
	250.3	Safety limit stop to be welded		301.9LA	Support roller with 9 nylon wheels, LA series
	250.4	Safety limit stop to be welded		307.M	Guide roller, M series
	269.2	Adjustable limit stop		307.XM	Guide roller, XM series
	284.501	Ø 5 mm galvanised anti-twist cable 7x19		307.L	Guide roller, L series
	284.503	Ø 5 mm stainless steel anti-twist cable, 7x19		307.XL	Guide roller, XL series
	301.9M	Support roller with 9 wheels, M series		307.XXL	Guide roller, XXL series



	309.M	Cap for track, M series		326.6	Galvanised guide track for LA series, 6 m long, 6.85 kg/m
	309.XM	Cap for track, XM series		330.3	Galvanised guide track for L series, S350GD+Z275 steel (LH version), 3 m long, 11.7 kg/m
	309.L	Cap for track, L series		330.6	Galvanised guide track for L series, S350GD+Z275 steel (LH version), 6 m long, 11.7 kg/m
	309.XL	Cap for track, XL series		330.110	Galvanised guide track for L series, S350GD+Z275 steel (LH version), 11 m long, 11.7 kg/m
	309.XXL	Cap for track, XXL series		333.3	Galvanised guide track for XL series, 3 m long, 22.05 kg/m
	310.M	Limit stop, M and XM series		333.6	Galvanised guide track for XL series, 6 m long, 22.05 kg/m
	310.L	Limit stop, L series		334.55	Black guide track for XXL series, 5.5 m long, 54.5 kg/m
	310.XL	Limit stop, XL series		338.3	Galvanised guide track for XM series, 3 m long, 6 kg/m
	310.XXL	Limit stop, XXL series		338.6	Galvanised guide track for XM series, 6 m long, 6 kg/m
	311.M	Support to be fixed for 310.M limit stop		339.3	Galvanised guide track for XMA series, 3 m long, 5 kg/m
	311.L	Support to be fixed for 310.L limit stop		339.6	Galvanised guide track for XMA series, 6 m long, 5 kg/m
	311.XL	Support to be fixed for 310.XL limit stop		450.1	Upper hinge with bearing and bracket to be welded
	323.3	Galvanised guide track for M series, 3 m long, 5.25 kg/m		450.2	Upper hinge with bearing and bracket to be welded
	323.6	Galvanised guide track for M series, 6 m long, 5.25 kg/m		450.22	Upper hinge with bearing and bracket to be welded
	326.3	Galvanised guide track for LA series, 3 m long, 6.85 kg/m		450.4	Upper hinge with bearing and bracket to be welded

	450.42	Upper hinge with bearing and bracket to be welded		550.100	Galvanised square caps with flange, 100x100 mm
	451.2	Upper hinge with bearing and bracket to be fixed		550.150	Galvanised square caps with flange, 150x150 mm
	451.22	Upper hinge with bearing and bracket to be fixed		550.50	Galvanised square caps with flange, 50x50 mm
	451.4	Upper hinge with bearing and bracket to be fixed		SC00041	Stud to be welded
	451.42	Upper hinge with bearing and bracket to be fixed		SC00051	Stud to be fixed
	455.2	Lower hinge with bearing, to be welded	 MANUAL BARRIER		
	455.4	Lower hinge with bearing, to be welded			
	456.2	Long screw lower hinge with plate to be welded		801.11	Painted steel chassis with boom holder included
	456.4	Long screw lower hinge with plate to be welded		802.94	Ø 90 mm aluminium boom, 4 m long
	460.4	Lower hinge with mechanical stops		802.96	Ø 90 mm aluminium boom, 6.5 m long
	460.5	Lower hinge with mechanical stops		803.12	Foundation plate with set of threaded bars
	533.1	Cast iron limit stop with fixing holes		804.11	Painted steel fixed support
	533.2	Cast iron limit stop with fixing holes		804.12	Painted steel fixed support with locking
	535.2	Limit stop to be fixed		805.11	Weight 3 kg with threaded bar (cylindrical shape, 50 mm thick)
	536.0	Upper limit stop with fixing plate		805.12	Weight 2.4 kg (cylindrical shape, 50 mm thick)



HARDWIRED RECEIVER

[ONE.2WB/ONE.2WO AND EARLIER VERSIONS]

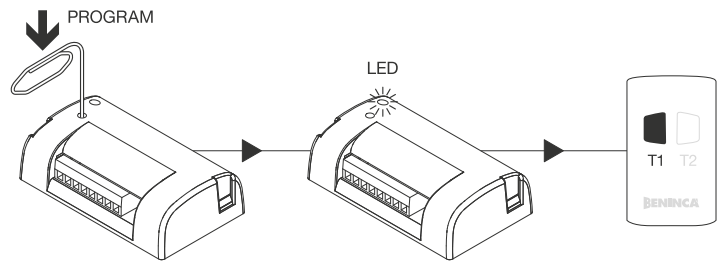
Connect the antenna to the appropriate input using only RG58 cable, then power the device according to the instructions given in the user's manual. The box receivers usually feature two transmission channels (CH1 and CH2), to identify the channel on which you are performing the programming, the LED color is used:

The channel CH 1 is associated with the color RED
The channel CH 2 is associated with the color GREEN

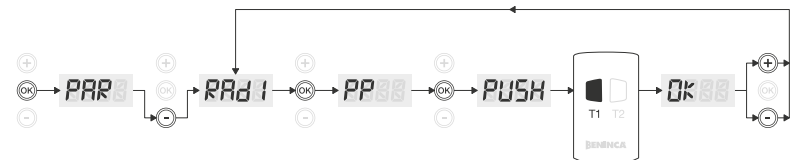
To store a transmitter in the memory proceed as follows:

- 1) Press the Program button, using a paper clip until the red LED lights up.
- 2) Within 5 seconds, press the button of the transmitter to be associated with the channel 1.
- 3) Within the following 5 seconds, you can save a new transmitter to channel 1.
- 4) To associate the channel 2, press 2 times the Program button of the device until the green LED lights up.
- 5) Within 5 seconds, press the button of the transmitter to be associated with the channel 2.
- 6) Within the following 5 seconds, you can save a new transmitter to channel 2.

The box receivers also allow for setting of other functions such as setting a switching time or the output switching mode (monostable/bistable). For more information refer to the instructions supplied with the device.



CONTROL UNITS WITH BUILT-IN RADIO RECEIVER AND LCD DISPLAY



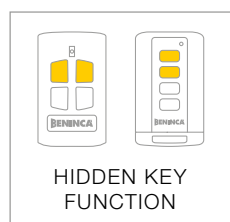
This type of controllers have a radio menu through which you can perform all the operations for programming the integrated receiver. The control unit must be powered, the antenna must be connected to the relevant inputs using exclusively an RG58 cable.

- 1) Press the button <OK>, the LCD display switches on and opens the first menu available (usually "Parameters" PAR).
- 2) Use the button <+> or <-> to navigate in the menu "RAD" (RADIO).
- 3) Press the button <OK>, the display shows the first function available in the menu (usually the function PP).
- 4) Select with the button <+> or <-> the "PP" function.
- 5) Press the button <OK>, the display shows the message "PUSH" to indicate that a button is waiting and prompts you to push the button of the transmitter that you want to associate.
- 6) Upon completion, "OK" will appear on the display.

The radio menu also has other functions specific to the type of controller (pedestrian opening, second radio channel, separate open/close); refer to the instructions included with the device.

ADDITIONAL CHANNELS

All the 4-channel ARC transmitters, with the exception of the clonable AK, have a further 5 transmission channels to select by simultaneously pressing two keys. Channels from 5 to 9 are therefore obtained, according to the combination of keys selected. The combination of keys 1+2 is reserved for the hidden key function. It is important, during the learning phase and during the transmission phase, that the pair of keys are pressed simultaneously, otherwise the transmitter will send the code of the channel pressed first.



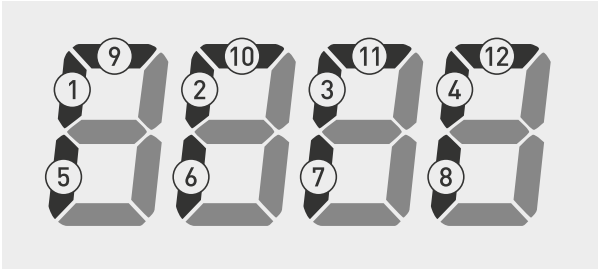


DIAGNOSTICS WITH DISPLAY

[BRAINY, BRAINY24 PLUS, TRUST24.LB, CP.SAM, THINKY, CP.B24-D120, CP.B24 TURBO, CP.BULL8-OM, CP.BULL OMI, CP.BULL20-HE, CP.YAK OTI, CP.BISON OTI, CP.BISON OTI L, CP.BUFFALO, CP.DIVA, CP.EVA, CP.LADY]

One segment of the display is linked to each input.
In the event of failure it switches on according to the following scheme.

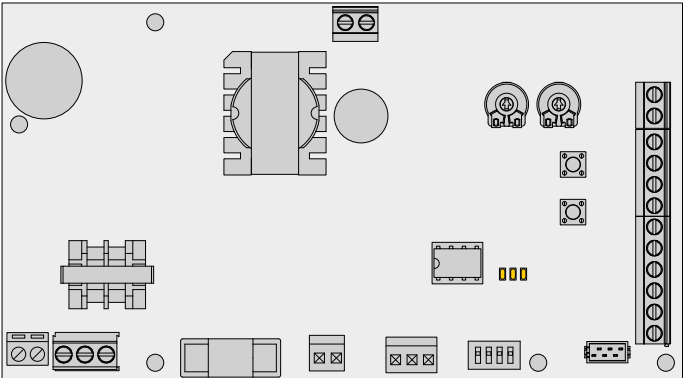
N.C. inputs are represented by the vertical segments.
N.O. inputs are represented by the horizontal segments.



	1	2	3	4	5	6	7	8	9	10	11	12
BRAINY	SWO-M1	SWC-M1	SWO-M2	SWC-M2	PHOT-O	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
BRAINY24 PLUS	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
TRUST24.LB	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.SAM	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
THINKY	SWO	SWC	PHOT3	PHOT4	PHOT1	PHOT2	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.B24-D120	SWO	SWC	---	---	PHO	PHC	STOP	BAR	P.P.	---	OPEN/PED	CLOSE
CP.B24 TURBO	SWO	SWC	---	---	PHO	PHC	STOP	BAR	P.P.	---	OPEN/PED	CLOSE
CP.BULL8-OM	SWO	SWC	---	---	PHOT-O	PHOT-C	STOP	DAS	---	---	---	---
CP.BULL OMI	SWO	SWC	---	---	PHOTO	PHOTC	STOP	BAR	P.P.	PED	OPEN	CLOSE
CP.BULL20-HE	SWO	SWC	---	---	PHOT-O	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.YAK OTI	SWO	SWC	---	---	PHOTO	PHOTC	STOP	BAR	P.P.	PED	OPEN	CLOSE
CP.BISON OTI	SWO	SWC	PHO3	PHO4	PHOTO	PHOTC	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.BISON OTI L	SWO	SWC	PHO3	PHO4	PHOTO	PHOTC	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.BUFFALO	SWO	SWC	PHO3	PHO4	PHOTO	PHOTC	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.DIVA	SW Open	SW Close	---	---	PHOT	---	STOP	---	P.P.	---	OPEN	CLOSE
CP.EVA	SW Open	SW Close	---	---	PHOT	---	STOP	---	P.P.	---	OPEN	CLOSE
CP.LADY	SW Open	SW Close	---	---	PHOT	---	STOP	---	P.P.	---	OPEN	CLOSE

DIAGNOSTICS WITHOUT DISPLAY

[CP.B24-SW]



LD1

Slow flashing	Mains supply present, no input active
Fast flashing	TCA pause count

LD2

ON	Motor at end-of-run CLOSING
----	-----------------------------

LD3

ON	Motor at end-of-run OPENING
----	-----------------------------

LD1+LD2+LD3

1 flash with pause	Inputs error: Check connections SS/PHOT/STOP
2 flashes with pause*	Motor/safety error: Check connection of the motor and the safety devices (photocells, stop)
3 flashes with pause	Amperometric sensor intervention

* If testing of the safety devices is unsuccessful, no manoeuvre is controlled and flashing switches on for 10s.

LD2+LD3

Fast flashing	Thermal protection intervention
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	BRAINY	BRAINY24 PLUS
<i>Err</i>	---	---
<i>Err1</i>	Error, check motor 1 circuit: Check connections to motor 1.	Motor 1 circuit checking error: Check motor 1 connections.
<i>Err2</i>	Error, check motor 2 circuit: Check connections to motor 2.	Motor 2 circuit checking error: Check motor 2 connections.
<i>Err3</i>	Error, check actiation relay: Ask for technical assistance.	Error/fault power circuit: Request technical assistance and eventually replace control unit.
<i>Err4</i>	Error, check PHOT photocell: Check connections, alignment of PHOT photocell or obstacle present.	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.
<i>Err5</i>	Error, check PHOTC photocell: Check connections, alignment of PHOTC photocell or obstacle present.	PHOTC photocell checking error: Check connections, PHOTC photocell alignment or presence of obstacles.
<i>Err6</i>	Error, activated sensitive edge (during self-set): During self-setting, the safety edge was activated.	Error edge active (during autoset): In autoset phase, the safety edge has intervened.
<i>Err7</i>	Error, activated stop (during self-test): During self-setting, the STOP input was activated.	Error active stop (during autoset): In autoset phase, the STOP input has intervened.
<i>Err8</i>	Error, activated input (during self-test): During self-setting, a Start/Pedestrian/Open/Close input was activated.	Error active input (during autoset): In autoset phase a PP/Open/Close input has intervened.
<i>Enc1</i>	Error, motor 1 encoder: Check the connection to motor 1 encoder.	Error, encoder 1/detection of the obstacle: Check the correct connection of motor 1 encoder to the control unit, that no obstacles are present along the gate stoke and the encoder operates correctly.
<i>Enc2</i>	Error, motor 2 encoder: Check the connection to motor 2 encoder.	Error, encoder 2/detection of the obstacle: Check the correct connection of motor 2 encoder to the control unit, that no obstacles are present along the gate stoke and the encoder operates correctly.
<i>ANP1</i>	Error, motor 1 obstacle: Check the presence of obstacles on the motor 1 leaf stroke.	Obstacle error motor 1/anti-crushing: Check presence of obstacles on motor 1 leaf run.
<i>ANP2</i>	Error, motor 2 obstacle: Check the presence of obstacles on the motor 2 leaf stroke.	Obstacle error motor 2/anti-crushing: Check presence of obstacles on motor 2 leaf run.
<i>thr</i>	---	---
<i>thn1</i>	---	Motor 1 thermal protection intervention: Wait for motor M1 cooling, in case reset does not take place, motor replacement may be necessary.
<i>thn2</i>	---	Motor 2 thermal protection intervention: Wait for motor M2 cooling, in case reset does not take place, motor replacement may be necessary.
<i>con1</i>	---	Motor 1 communication error: Only for HD.3524 and HD.5024 motors: Communication error between motor Encoder and central unit, check Motor 1 Encoder connections.
<i>con2</i>	---	Motor 2 communication error: Only for HD.3524 and HD.5024 motors: Communication error between motor Encoder and central unit, check Motor 2 Encoder connections.
<i>bar</i>	---	Activating BAR input: BAR input has detected an obstacle.
<i>oud1</i>	---	---
<i>oud2</i>	---	---



	TRUST24.LB CP.SAM	THINKY
Err	AUTOSET error: Repeat autosect procedure.	---
Err1	Motor 1 circuit check error: Check motor 1 connections. Motor disconnected or not working. Problem on control panel.	Motor Error: Check the connections and the correct operation of the motor.
Err2	Motor 2 circuit check error: Check motor 2 connections. Motor disconnected or not working. Problem on control panel.	Error, check photocells: Check connections and the correct operation of photocells.
Err3	---	Encoder Error: Check the connections and the correct operation of the Encoder.
Err4	PHOT photocell test error: Check connections, alignment of the photocell PHOT or obstacles present.	DAS input error in Autoset phase
Err5	PHOTC photocell test error: Check connections, alignment of the photocell PHOT LC or obstacles present.	---
Err6	---	---
Err7	---	---
Err8	Inputs enabling error: During the autosect phase, an input activated (START/PP/Open/Close/PED) or one of the buttons (+/-/PG) activated. Repeat the autosect procedure.	---
Enc1	Encoder 1 error/obstacle detection: Check correct connection of the encoder of motor 1 to the control panel, the presence of obstacles on the stroke of the gate and correct operation of the encoder.	---
Enc2	Encoder 2 error/obstacle detection: Check correct connection of the encoder of motor 2 to the control panel, the presence of obstacles on the stroke of the gate and correct operation of the encoder.	---
ANP1	Motor 1 obstacle error/anti-crushing: Check the presence of obstacles on the stroke of the motor gate 1.	---
ANP2	Motor 2 obstacle error/anti-crushing: Check the presence of obstacles on the stroke of the motor gate 2	---
thr	Motor thermal switch safety device intervention: Overheating due to permanent obstacles. Release the gate and check there are no friction points.	---
thr1	---	---
thr2	---	---
con1	---	---
con2	---	---
BAR	BAR input intervention (sensitive edge): During the manoeuvre, the sensitive edge detected an obstacle.	---
oud1	Overload M1: Maximum power exceeded. Check motor or presence of friction.	---
oud2	Overload M2: Maximum power exceeded. Check motor or presence of friction.	---



	CP.B24-D120	CP.B24 TURBO
Err	AUTOSET error: Repeat autoset procedure.	---
Err1	Motor error Check motor connections: Motor disconnected or not operating. Problem on control unit.	Motor error: Verify the motor wirings, faulty motor or not connected, problem on the control unit.
Err2	Photocells check error: Photocells check failed, check connections and configuration.	Photocell check error.
Err3	---	---
Err4	---	Safety Edge input verification error.
Err5	---	---
Err7	---	STOP input error during Autoset.
Err8	INPUTS ACTIVATION Error: Activation of an input (START/OPEN/CLOSE/PED) or one of the buttons (+/-/PG) during the Autoset phase. Repeat the procedure.	INPUTS ACTIVATION (START/OPEN/ CLOSE) error during Autoset.
Enc	---	---
ANP	Amperometric sensor intervention: Verify the presence of obstacles or friction points.	Amperometric sensor intervention: Verify the presence of obstacles or friction points.
thrN	Thermal sensor intervention: Overheating due to permanent obstacles. Unlock the gate and verify there are no points of friction.	Thermal sensor intervention: Overheating due to permanent obstacles. Unlock the gate and verify there are no points of friction.
bAr	BAR input tripping during manoeuvring.	SENSOR input activation during movement.
ouLd	Overload: Exceeding the maximum power. Check motor or presence of friction.	Overload: Exceeding the maximum power. Check motor or presence of friction.
EcoN	Modbus error: Communication error between SIS modules, check connections.	BUS communication error.
ESUo ESUc	Limit switch error in AUTOSET: The limit switch was not intercepted during the autoset phase.	---
FOO FIS	---	---



	CP.BULL8-OM CP.BULL20-HE	CP.BISON OTI CP.BISON OTI L CP.BUFFALO
Err	---	Error, self-calibration: If the error occurs during self-learning, check the PP/STOP/PED/BAR inputs or whether frictions occur during the door leaf stroke.
Err1	Motor: Technical assistance is required.	Error, Inverter/Cover/Safety: It occurs in the following cases: 1) the SAFETY contact is open. 2) the COVER contact is open. 3) The inverter is faulty. Contact the technical assistance centre.
Err2	---	Error, photocells (Autotest): Check that photocells are correctly operating.
Err3	---	Error, encoder: Check connections to the encoder.
Err4	Error, PHOT O circuit check: Check connections, alignment of PHOT O photocell or obstacle present.	Error, sensitive edge: Check connections to sensitive edge.
Err5	Error, PHOT C circuit check: Check connections, alignment of PHOT C photocell or obstacle present.	Error, phototest/ sensitive edge: Check that photocells/ sensitive edge connections.
Err7	---	---
Err8	---	---
Enc	Error, encoder: Error to connection or faulty encoder.	---
ANP	Obstacle detection: An obstacle present is indicated (anti-crash device).	Triggering of the amperometric sensor: An obstacle or a point of friction has caused the triggering of the amperometric sensor. Remove the obstacle or check the door stroke.
thrN	---	---
bAr	---	---
ouLd	---	---
EcoN	---	Error, inverter communication: Check connections to 485 serial between control unit and inverter.
ESUo ESUc	---	---
F00 F15	---	Inverter, error/alarm: Take note of the error number and contact the technical assistance.



	CP.BULL OMI CP.YAK OTI
Err	Error N.O inputs (autoset): If the error occurs during self-learning, check the PP/PED/OPEN/CLOSE inputs.
Err1	STOP error (autoset): STOP intervention during the autoset.
Err2	Error, photocells (Autotest): PHOTO/PHOTC intervention during the autoset.
Err3	---
Err4	Error, sensitive edge (autoset): BAR intervention during autoset.
Err5	Error, phototest: Check the operation and correct connection of the photocells.
Err7	---
Err8	---
Err9	---
Enc	---
ANP	Triggering of the amperometric sensor: An obstacle or a point of friction has caused the triggering of the amperometric sensor. Remove the obstacle or check the door stroke.
thrN	---
ould	---
F01	The brake connected absorbs too much.
F02	Short circuit on the engine. Check the impedance of the windings and the insulation between each phase of the motor and the ground.
F04	At power-on the bus voltage is not within the specifications. Check the supply voltage, or the correct selection of the engine according to the menu Mot.
F05	Over temperature detected in the unit.
F06	Instantaneous current threshold exceeded. Unlock the engine and check that the pinion is free to turn. If necessary, contact technical assistance.
F07	Instantaneous current threshold exceeded. Unlock the engine and verify that there are no excessive loads (difficulty moving) along the entire travel of the gate. If necessary, contact technical assistance.
F08	Exceeded maximum allowed voltage on the power bus. Check the supply voltage. Carry out the following actions in the order indicated: 1) Increase TDEC and TSMO/TSMC parameters, check intermediate stops with STOP/PP/PHOT/BAR commands, if the problem recurs, go to the following point: 2) Increase parameter TBR, check intermediate stops with STOP/PP/PHOT/BAR commands, if the problem recurs go to the following point: 3) Connect braking resistance, check intermediate stops with STOP/PP/PHOT/BAR commands, if the problem recurs go to the following point: 4) Decrease the parameters FSTO/FSTC, check intermediate stops with STOP/PP/PHOT/BAR commands.
F09	The values set are incorrect and the gate goes past the limit switch. Act by modifying the following parameters in order: bLo / bLc (decrease) >> t5n0 / t5nc (increase) >> SLdo / SLdc (decrease) >> F5to / F5tc (decrease)



	CP.DIVA	CP.EVA CP.LADY
Err	Generic error: Error inserting password or memorizing transmitter.	Generic error: Error inserting password or memorizing transmitter.
Err1	Motor error: Verify the motor wirings, faulty motor or not connected, problem on the control unit.	Motor error: Verify the motor wirings, faulty motor or not connected, problem on the control unit.
Err2	Photocells error: Verify connections, photocells alignment and presence of obstacles.	Photocells error: Verify connections, photocells alignment and presence of obstacles.
Err3	Absolute encoder error: Verify encoder connections, verify the good functioning of the Encoder.	Absolute encoder error: Verify encoder connections, verify the good functioning of the Encoder.
Err4	---	---
Err5	---	---
Err7	STOP ACTIVATION Error: STOP input activated during Autoset phase. Repeat the procedure.	---
Err8	INPUT ACTIVATION Error: Activation of an input (STEP/OPEN/CLOSE) or one of the buttons (+/-/PG) during Autoset. Repeat the procedure.	---
Err9	Barrier not unlocked in Autoset: Autoset function requires unlocking of the barrier, repeat the procedure and unlock the barrier when prompted (UNLK message)	---
Enc	Encoder: Encoder threshold intervention.	Encoder: Encoder threshold intervention.
ANP	Amperometric sensor intervention: Verify the presence of obstacles or friction points.	Amperometric sensor intervention: Verify the presence of obstacles or friction points.
thrN	Thermal sensor intervention: Overheating due to a too intensive use, wait the restoring.	Thermal sensor intervention: Overheating due to a too intensive use, wait the restoring.
ouLd	Overload: Exceeding of the maximum power. Verify the motor and presence of friction points.	Overload: Exceeding of the maximum power. Verify the motor and presence of friction points.
F01	---	---
F02	---	---
F04	---	---
F05	---	---
F06	---	---
F07	---	---
F08	---	---
F09	---	---



These Terms of Sale apply to all Sales of Products, at the time of signing the contract or of confirming the order. If there is a conflict between these Terms and the conditions and terms agreed for an individual sale or in any existing commercial contract, the latter will prevail. AUTOMATISMI BENINCÀ shall not be bound by the General Terms of Purchase of the Customer in any circumstance, unless it has given prior consent in writing. AUTOMATISMI BENINCÀ has the right to modify any article in these Terms; any additions, modifications or cancellations shall apply to all sales concluded as from the thirtieth day after the official communication to Customers of the change made.

DEFINITIONS:

- **AUTOMATISMI BENINCÀ:** the joint stock company Automatismi Benincà S.p.A., in the person of its legal representative pro tempore, with head office in Italy, Sandrigo, Via Capitello no. 45, VAT number 02054090242.
- **CUSTOMER:** any subject (natural or legal person) who purchases the Products and who is not covered by the definition of Consumer according to the Consumer Code.
- **DATE OF DESPATCH:** the date of the transport document.
- **PARTIES:** means AUTOMATISMI BENINCÀ S.p.A. and the Customer.
- **PRODUCTS:** are the Products listed in the catalogue of AUTOMATISMI BENINCÀ, latest version, with the described technical specifications. It is stressed that all illustrative material is merely indicative. The Products may be modified or taken out of production by Automatismi Benincà at any time.

1) PRICE OF THE PRODUCTS: The prices of the goods are those established in the price list in force at the time of order, which the Customer declares that he knows and accepts; the price list in force cancels all previous ones. AUTOMATISMI BENINCÀ SpA may modify the price list; this modification will be notified to Customers and will be applicable to orders received as from the thirtieth day after said communication. AUTOMATISMI BENINCÀ always reserves the right to modify the price list unilaterally, if said modification is required by circumstances beyond its control: in this case the variation may take effect immediately.

2) TRANSPORT: The goods are sold ex works AUTOMATISMI BENINCÀ SpA- SANDRIGO (VI), as the term is defined in the Incoterms of the International Chamber of Commerce, in the most updated version. The parties may choose a different term, with an agreement in writing; whatever term they choose, it will be interpreted according to the latest version of INCOTERMS®. The goods travel at the Customer's own risk, even if sent carriage paid. No complaints are accepted five days after receipt of the goods, even with reference to any difference in the products with respect to the type and quantity indicated in the order. A complaint within the term may not give rise to cancellation or reduction of the order by the Customer, nor to any payment of compensation of any kind by AUTOMATISMI BENINCÀ SpA. Any return of goods for credit must be authorised beforehand by AUTOMATISMI BENINCÀ SpA and the goods must be sent carriage paid.

3) RETENTION OF OWNERSHIP: The products shall remain the property of AUTOMATISMI BENINCÀ SpA until the date on which AUTOMATISMI BENINCÀ SpA receives payment of the entire price of the products supplied. In performing his activity, the Customer shall have the right to sell these products, or new products in which the ones supplied by AUTOMATISMI BENINCÀ SpA have been incorporated, in which case all the proceeds are to be transferred to AUTOMATISMI BENINCÀ SpA, up to the amount of the price owed by the Customer for the supply of the products. AUTOMATISMI BENINCÀ SpA shall have the right to notify the Customer of the revocation of the right to sell the Products in his possession and the ownership of which, under this clause of retention of ownership, has not yet passed to the Customer, if the Customer has remained in default for a period of more than seven working days with respect to the payment of any sum owed to AUTOMATISMI BENINCÀ SpA (as regards both these Products and any other goods or services supplied to the Customer by AUTOMATISMI BENINCÀ SpA). If AUTOMATISMI BENINCÀ SpA exerts the right contemplated in the previous paragraph, the Customer must place the products at the disposal of AUTOMATISMI BENINCÀ SpA who may access the Customer's premises to repossess them. While retention of ownership is pending, the Customer assumes the capacity, obligations and responsibilities of the keeper of the sold goods, according to art. 1766 and following articles of the Italian Civil Code. The Customer undertakes to fulfil all the obligations contemplated by the local laws to ensure that this clause of retention of ownership is valid and enforceable with third parties, making the required entries in any special register.

4) ORDERS: The order is received by AUTOMATISMI BENINCÀ SpA without any commitment and subordinate to the possibility of supply of the raw materials necessary for production. Any total or partial non fulfilments cannot give rise to complaints and reserves for damages. If the Customer cancels specific orders for the production of Products not in the catalogue, he is required to pay AUTOMATISMI BENINCÀ SpA compensation amounting to 30% (thirty per cent) of the cancelled order, without prejudice to the right to claim further damages. The orders regularly accepted by AUTOMATISMI BENINCÀ SpA cannot be cancelled by the Customer without the consent of AUTOMATISMI BENINCÀ SpA in writing. Please, it should be noted that AUTOMATISMI BENINCÀ S.P.A. will not accept orders for less than € 100,00 (EUR one hundred/00) VAT excluded, after discount and freight charges.

5) DELIVERY TERMS: The delivery terms run from receipt of the order and are expressed in terms of working days. They are indicative and not essential, according to art. 1457 of the Civil Code: consequently, any delays cannot give rise to claims for damages or to cancellation or reduction of the contract by the Customer.

6) FORCE MAJEURE: Besides those contemplated by the Italian Civil Code, the causes of force majeure that prevent the activity of the AUTOMATISMI BENINCÀ SpA factory and justify delay or interruption of the fulfilment of contracts, relieving AUTOMATISMI BENINCÀ SpA of the responsibility for delays or non delivery of products, also include the following, as an example without limitation: atmospheric events, earthquakes, fires, national, local or factory strikes, interruptions in transports and communications, scarcity of energy and of the necessary raw material. Breakdown of the machinery and production plants.

7) CONDITIONS OF PAYMENT: Payments must be made in Euro, with the terms and procedures indicated on the invoice. Payment in currency other than the Euro will be accepted only if agreed on beforehand in writing with AUTOMATISMI BENINCÀ SpA. If the Parties agree on payment by irrevocable documentary letter of credit, the same will be accepted by AUTOMATISMI BENINCÀ if sent at least sixty days prior to the date of delivery of the Products and if confirmed by an Italian bank approved by AUTOMATISMI BENINCÀ. After the set payment time, AUTOMATISMI BENINCÀ SpA may ask the Customer to pay interest due at the rate established by Legislative Decree 231/02. Once 5 (five) days have passed after the invoice falling due without payment having been made, AUTOMATISMI BENINCÀ SpA may suspend the execution and/or delivery of all other orders and cancel any similar sale or contract that may have been signed at that moment with the Customer. Any such measures undertaken by AUTOMATISMI BENINCÀ SpA do not give the Customer any right to claim compensation for damages.

8) GUARANTEE: Automatismi Benincà offers a conventional guarantee with a duration of 30 months from the date of production marked on the product itself. After 30 months the Customer expressly renounces the right of recourse concerning the legal guarantee with respect to Automatismi Benincà S.p.A., according to art. 131 of the Consumer Code. This right, if exerted within the terms, will not, however, be recognised if the conformity defect depends on incorrect installation by the Customer. It is pointed out that the legal guarantee does not cover all the further circumstances that cannot be attributed to defects in manufacture and/or conformity of the goods. Moreover, in no case can the Customer activate the guarantee if the price of the products has not been paid within the terms and on the conditions agreed or if he is in default, even with reference to other orders or products, with respect to AUTOMATISMI BENINCÀ SpA. By activating the conventional guarantee, the customer may request the repair or replacement of the product, on which free repair or replacement is guaranteed, at the discretion of AUTOMATISMI BENINCÀ SpA, respecting the terms of this guarantee and of the legal requirements. Any defects found must be promptly communicated to AUTOMATISMI BENINCÀ by registered letter with recorded delivery and within the terms indicated by law. In no case does either the legal or the conventional guarantee cover defects due to: negligence or carelessness in use, wear (e.g. failure to follow the instructions for operation of the product or lack of maintenance), installation or maintenance carried out by non authorised personnel, or in an incorrect way and/or not conforming with the instructions; damage during transport, tampering with the product (for example, removal of the labels), tampering with documentation, external agents, undersized product or incorrect product choice. The products that do not fall under these guarantee conditions may be sent to AUTOMATISMI BENINCÀ SpA, who may decide to repair or replace the goods according to the repair price list in force. The individual part repaired under or out of guarantee will be covered by a further guarantee period of 6 months.

9) RESPONSIBILITY: AUTOMATISMI BENINCÀ SpA shall not be responsible for damage resulting from defects in the products, save in the case of malice or gross negligence. Moreover, any responsibility shall derive only and absolutely from the provisions of Italian law. AUTOMATISMI BENINCÀ SpA shall not answer for more than the limit of liability of the Product Risk Insurance policy taken out by the company. AUTOMATISMI BENINCÀ SpA shall not be responsible for indirect damage such as, purely as an example, loss of earnings of the Customer.

10) INTELLECTUAL PROPERTY RIGHTS: The brands of which AUTOMATISMI BENINCÀ SpA is the owner or licence-holder, the patents, the designs or models, the know-how, the technical specifications and data of the products, the domain names containing the brand, are the total and exclusive property of AUTOMATISMI BENINCÀ SpA. The Customer recognises the ownership of these rights by AUTOMATISMI BENINCÀ SpA and undertakes to use them only according to the specific indications of AUTOMATISMI BENINCÀ SpA and in the exclusive interest of the latter, and exclusively for the duration of the contractual relationship between the parties, without this giving the Customer any right or claim. The Customer undertakes not to register, appropriate or ask for protection for any intellectual property right belonging to AUTOMATISMI BENINCÀ SpA. In particular, he undertakes not to register and declares that he has not registered the brands and domain names.

11) EXPRESS TERMINATION CLAUSE: Pursuant to and in accordance with art. 1456 of the Italian Civil Code, AUTOMATISMI BENINCÀ SpA may terminate the existing contract with the Customer in the case of non fulfilment of the obligations contained in the articles 7) Terms of Payment and 10) Intellectual property rights, of these terms of sale. Moreover, AUTOMATISMI BENINCÀ may terminate the existing contract with the Customer with immediate effect in the following cases: a) if the Customer is subject to insolvency proceedings or winding up, or if the state of the Customer's economic conditions is such as to lead it reasonably to be presumed that the Customer is insolvent; b) if the shares and/or quotas representing the majority or the control of the capital of the Customer are directly or indirectly transferred, assigned or held in escrow.

12) APPLICABLE LAW AND JURISDICTION: The obligations deriving from the relations between AUTOMATISMI BENINCÀ SpA and the Customer, these terms of sale and all the contracts (unless expressly stated otherwise in writing) are regulated by the Italian Civil Code and by Italian law. For any dispute and controversy concerning these general terms of sale or deriving from the contractual relationship between AUTOMATISMI BENINCÀ SpA and the Customer, the exclusive competent court shall be the Court of Vicenza, without affecting the faculty of AUTOMATISMI BENINCÀ SpA to protect its rights by referring the litigation to any Court that it thinks fit.

13) PROCESSING OF PERSONAL DETAILS: Informed pursuant to Art. 13 of the European Regulation 679/2016, the Customer shall agree that personal data will be treated for purposes related to the business activity and the contractual obligations currently in force (as an example, consultation, usage, statistical processing, communication to companies contractually bound to Automatismi Benincà etc.). The data controller is AUTOMATISMI BENINCÀ S.P.A. in the person of its legal representative. Procedures shall be implemented to process the said data so as to guarantee security and confidentiality. The Customer is entitled to receive information about the treatment of personal data, its modality and purposes, and request amendment, correction and/or integration, and cancellation of said data. Personal data shall be communicated to third parties in Italy or abroad for purposes of fulfilling the above-mentioned objectives. The complete regulation can be consulted on the webpage <https://www.benincà.com/page/privacy.html>

14) INTERPRETATION OF THE TEXT: The Italian text of these general terms of sale, even if drawn up in several languages, will be the only authentic text for the purpose of their interpretation.





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Part of the Benincà family

