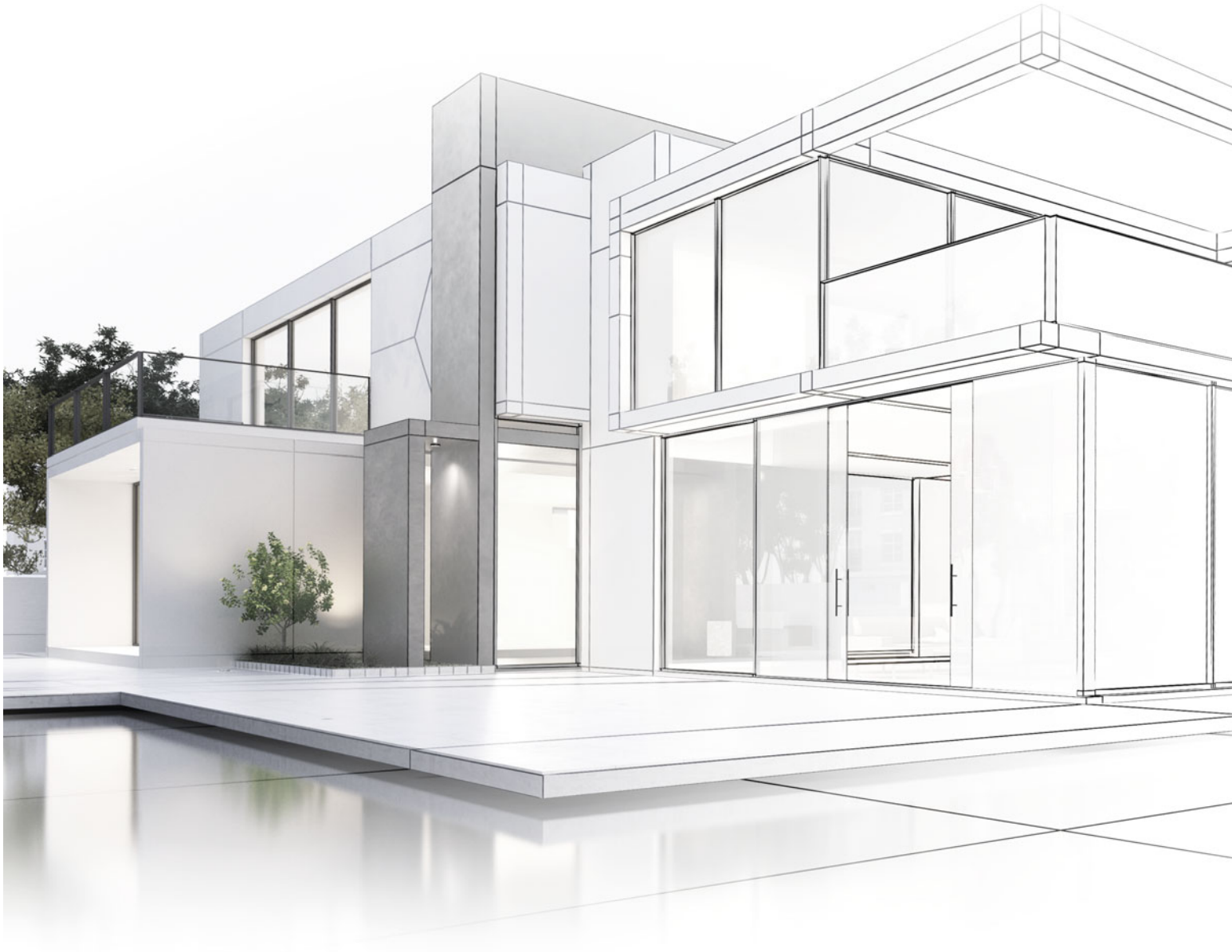
BENINCA GROUP



Gate Automation

Boom Gates

Rising Bollards

Automatic Doors

Gate Hardware

Cantilever

100% Made in Italy


BENINCA
GROUP

BENINCÀ GROUP

Benincà Group is made up of six companies specialised in the manufacture of systems for securing gates, doors and access points, in industrial and residential settings. The group started 40 years ago when Automatismi Benincà was set up. Over the years, the Benincà Group's model of excellence has let to its products being taken across the world through 11 foreign branches and a network of specialist distributors. In 2009 five new companies were set up and the group was formed with the aim of offering customers and partners a comprehensive service through the production of complementary systems exploiting shared group expertise. Today, each company manufactures its own products in the respective factories tapping into common synergies and allowing Benincà Group to supply 110 countries all over the world, making specialisation its distinguishing feature, both in the company and in the distribution network.

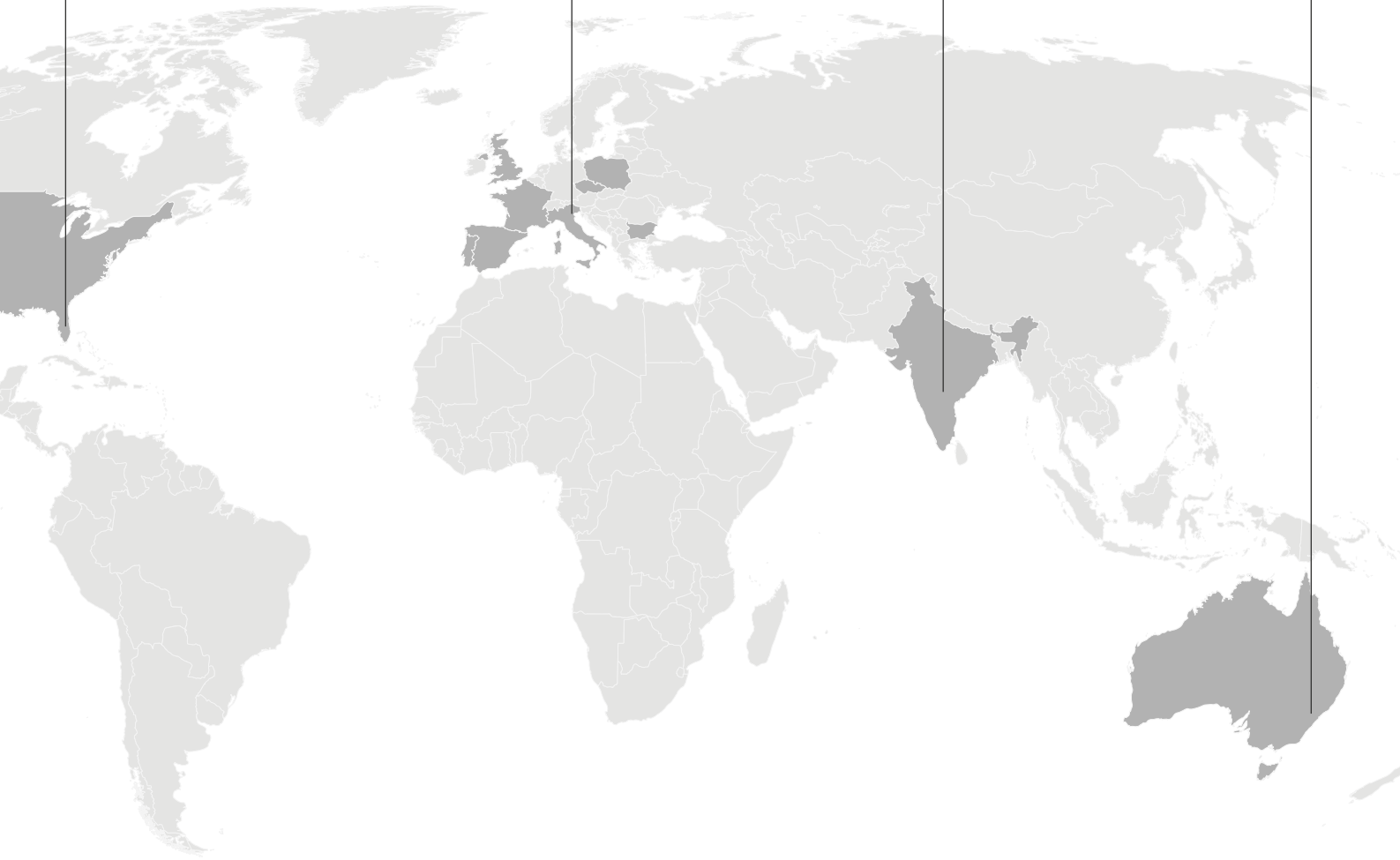
benincagroup.com

Europe
Sandrigo, Italy (Headquarter)
Vicenza, Italy
Lyon, France
Newbury, UK
Venda do Pinheiro, Portugal
Barcelona, Spain
Czosnów, Poland
Praha, Czech Republic
Sofia, Bulgaria

Asia
Bangalore, India

Americas
Miami, Florida
Santo Domingo, Dominican Republic

Oceania
Sydney, Australia



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 ($3.4x10^{38}$).

arc only — 433.92 MHz Receiver equipped with Advanced Rolling Code (ARC)

INNOVATION AND COMPLIANCE WITH REGULATIONS

ENCODER — 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.

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

STC SYSTEM — 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.

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

PERFORMANCE

turbo — 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

ADVANTOUCH READY — Compatibility with Advantouch device. The system allows a simplified management of transmitters and receivers, with the possibility of managing lists by deleting or storing transmitters in an easy and quick manner.

AUTO — 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.

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

N° — 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.

TÜV SÜD ISO 9001

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.

CE

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.

MEMBER KNX

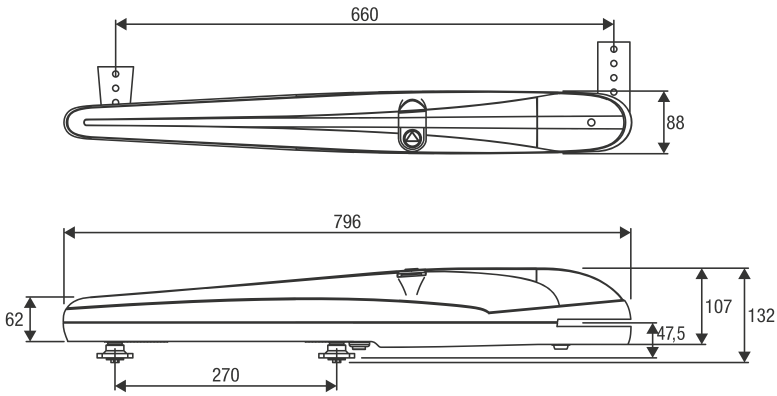
Being a KNX member means developing products which are certified by the association as compatible with the universal protocol for management of houses and buildings in general. Integration of systems with this protocol in fact makes the automation devices perfectly compatible with the most sophisticated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

INDEX

BOB30M ~ 240VAC

Operator with linear worm screw, patented gears
and easy manual release operation by key

each leaf up to 3.0 m



SKBOB30M - single leaf

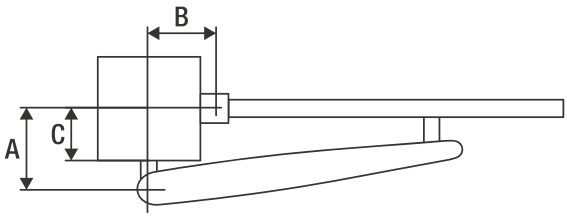
1x BOB30M	9591535	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
1x B.SR	9819310	Multiposition brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

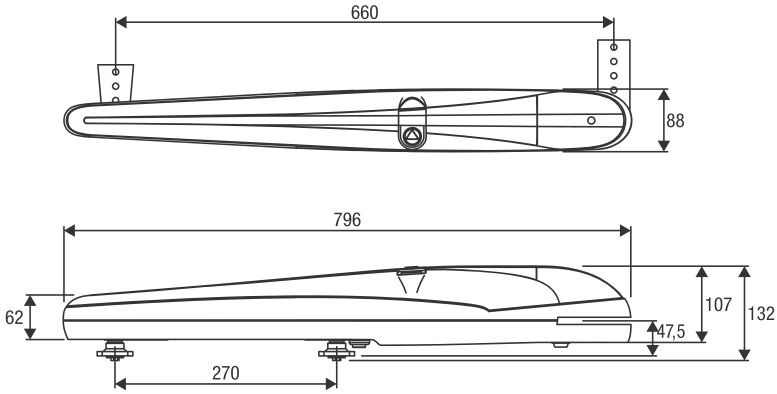
Max absorbed current	**1.8 A**
Max thrust	**2,300 N**
Opening time	**18”**
Duty cycle	**30%**
Standard stroke	**270 mm**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BOB3024E

24VDC ENCODER

Operator with encoder, linear worm screw, patented gears and easy manual release operation by key

each leaf up to 3.0 m



SKBOB3024E - single leaf

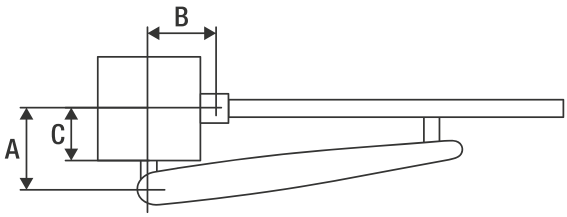
1x BOB3024E	9591447	24 Vdc operator with encoder
1x BRAINY24-SW	9176336	24 Vdc control unit with radio receiver and battery charger
1x B.SR	9819310	Multiposition brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB3024E - double leaf

2x BOB3024E	9591447	24 Vdc operator with encoder
1x BRAINY24-SW	9176336	24 Vdc control unit with radio receiver and battery charger
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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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



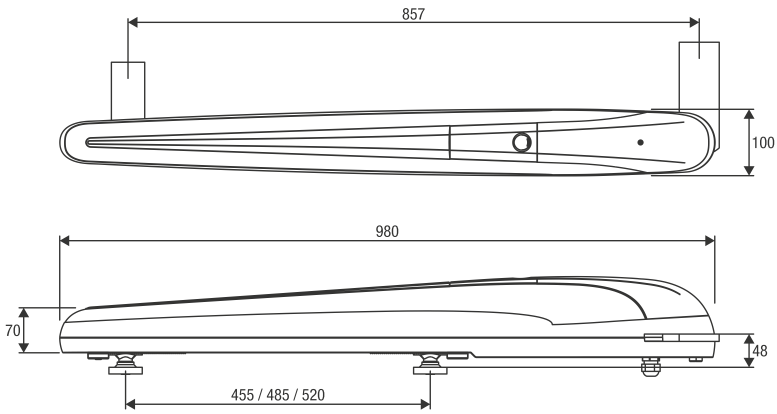
A (mm)	**B** (mm)	**C** (mm)
105-135	115-135	50-80

Max absorbed current	**5.5 A**
Max thrust	**1,800 N**
Opening time	**9" ÷ 21"**
Duty cycle	**80%**
Standard stroke	**270 mm**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BOB50M ~ 240VAC

Operator with linear worm screw, patented gears
and easy manual release operation by key

each leaf up to 5.0 m



SKBOB50M - single leaf

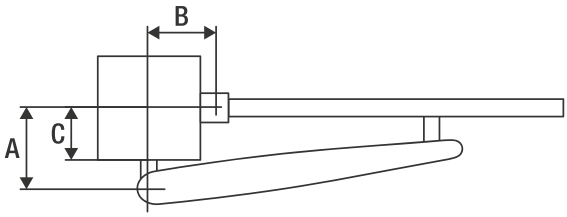
1x BOB50M	9591022	240 Vac operator
1x BRAINY	9176213	240 Vac control unit with radio receiver
1x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

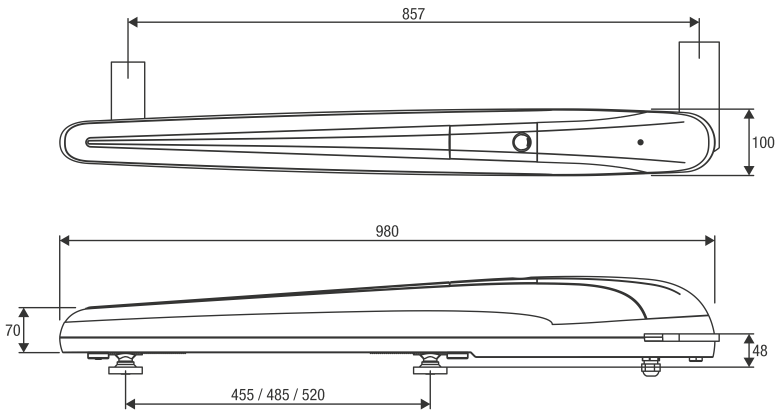
Max absorbed current	**1.4 A**
Max thrust	**3,500 N**
Opening time	**26”**
Duty cycle	**30%**
Standard stroke	**455 mm**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BOB5024E

24VDC ENCODER

Operator with encoder, linear worm screw, patented gears and easy manual release operation by key

each leaf up to 5.0 m



SKBOB5024E - single leaf

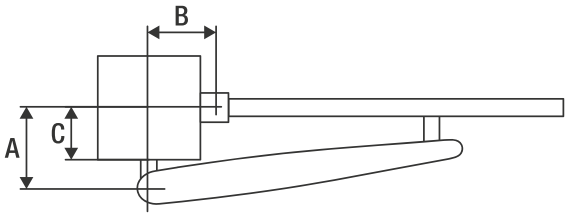
1x BOB5024E	9591328	24 Vdc operator with encoder
1x BRAINY24+	917600923	24 Vdc control unit with radio receiver and battery charger
1x B5.SR	981900931	Brackets to screw
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

KBOB5024E - double leaf

2x BOB5024E	9591328	24 Vdc operator with encoder
1x BRAINY24+	917600923	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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

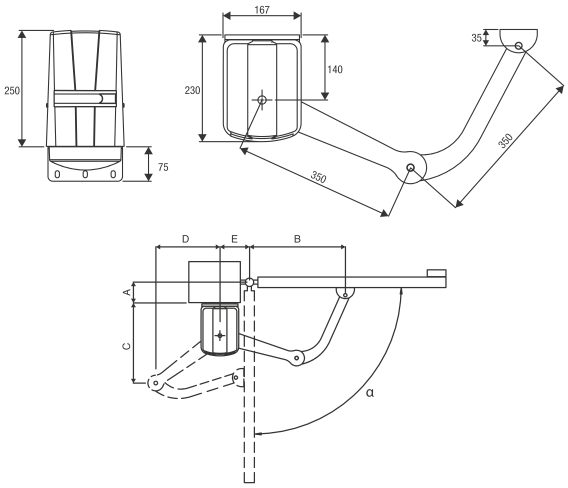
Max absorbed current	**6.7 A**
Max thrust	**2,200 N**
Opening time	**21”**
Duty cycle	**80%**
Standard stroke	**455 mm**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BN.E24

Operator with articulated arm,
built-in control unit and receiver

each leaf up to 2.1 m

24VDC 64



KBN24

1x BN.E24	-----	24 Vdc operator with control unit and radio receiver
1x BN24	-----	24 Vdc operator
2x BA	9099053	Aluminum arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

CBY.24V	9760016	Battery charger
BN.SE	909000703	Externally fitted anti-intrusion cable unlock device
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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)	**E** (mm)	α
0	470	382	253	140	90°
50	470	373	261	140	90°
100	470	370	264	140	90°
150	470	375	260	140	90°
185	470	412	220	160	90°
0	420	266	327	200	110°
100	420	305	309	200	105°

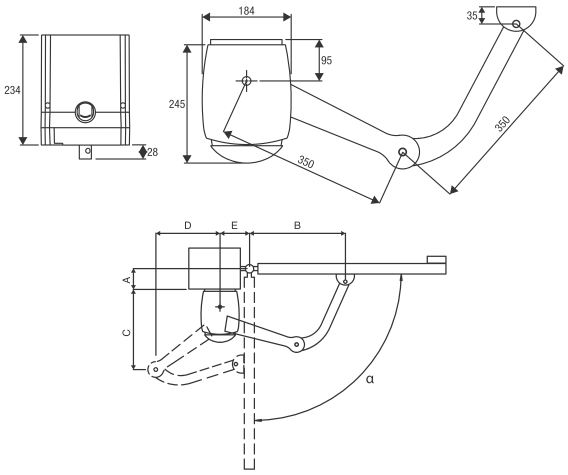
Max absorbed current	**0.76 A** (BN.E24)
Max absorbed current	**4.6 A** (BN.24)
Torque	**125 Nm**
Opening time	**10”**
Duty cycle	**40%**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

MBE24

Operator with articulated arm,
built-in control unit and receiver

each leaf up to 2.5 m

24VDC 64



KMB24

1x MBE24	9590613	24 Vdc operator with control unit and radio receiver
1x MB24	9590330	24 Vdc operator
2x BA	9099053	Aluminum arm
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE KIT:

CBY.24V	9760016	Battery charger
BS	9099052	Sliding arm
MB.SE	9090012	Externally fitted anti-intrusion cable unlock device
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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)	**E** (mm)	α
0	470	350	243	140	90°
50	470	339	255	140	90°
100	470	331	262	140	90°
150	470	328	264	140	90°
185	470	356	237	160	90°
200	440	410	160	200	90°
0	420	244	318	200	110°
100	420	262	310	200	105°

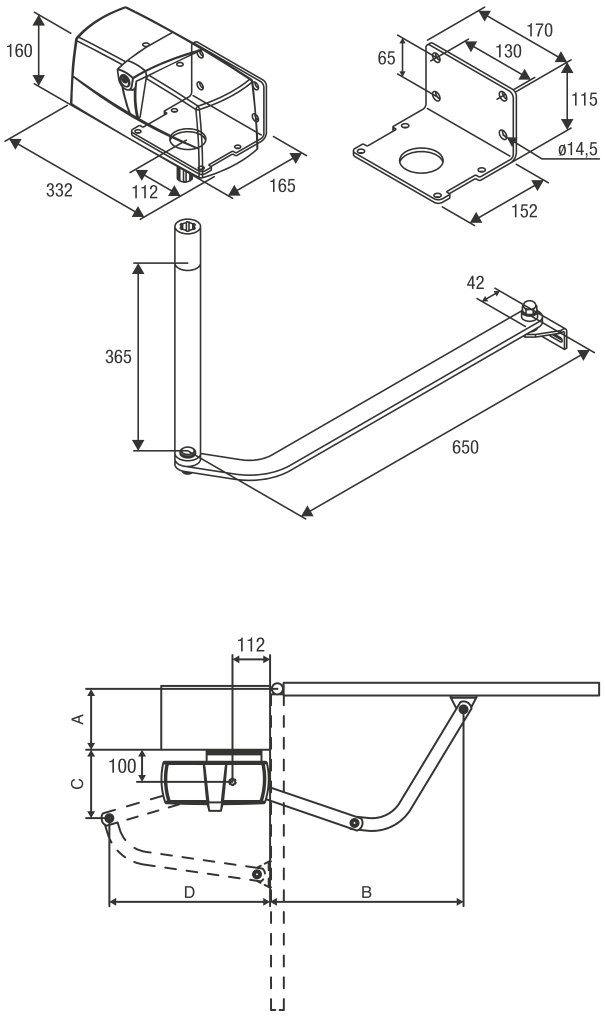
Max absorbed current	**0.76 A** (MBE24)
Max absorbed current	**6.2 A** (MB24)
Torque	**180 Nm**
Opening time	**10”**
Duty cycle	**50%**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

PREMIER

240VAC 24VDC

Operator with articulated arm

each leaf up to 4.0 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+	917600923	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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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**

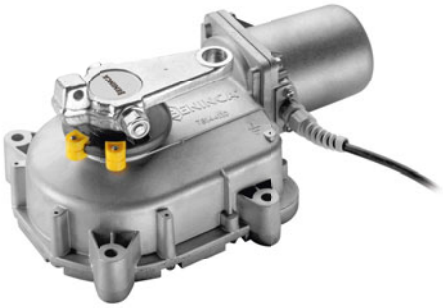
	PR.45E24
Max absorbed current	**9 A**
Torque	**320 Nm**
Opening time	**9”**
Duty cycle	**80%**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

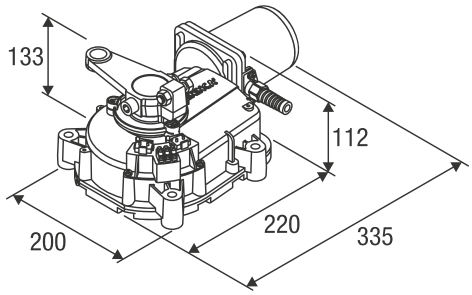
DU.IT24NVE

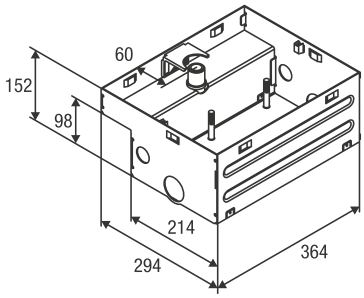
Operator for underground installation

each leaf up to 3.5 m

24VDC ENCODER







DU.IT24NVE Configuration

2x DU.IT24NVE	9591457	24 Vdc operator with encoder
2x DU.ITCF	9150043	Self-supporting foundation box with cataphoretic painted finish
2x SB.DUIT.K	9747101	Kit comprising personalised release key and components
1x BRAINY24+	917600923	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:

DU.ITIX	9150039	Self-supporting stainless steel foundation box
SB.DU180.K	9747097	Set for openings up to 180° with personalised release key
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

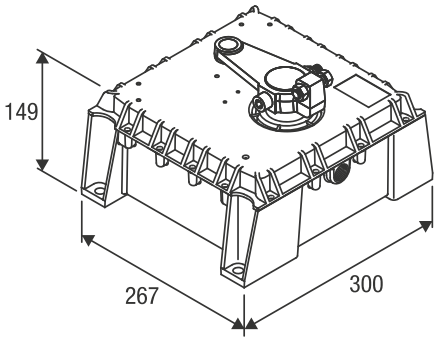
Max absorbed current	**11 A**
Torque	**280 Nm**
Opening time	**15”**
Duty cycle	**intensive use**
Protection level	**IP67**
Operating temperature	**-20°C ÷ +50°C**

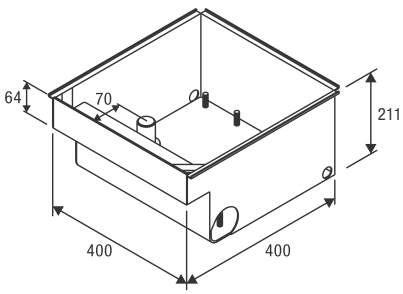
DU.350N

Operator in oil bath
for underground installation

each leaf up to 4.0 m

240VAC





DU.350N Configuration

2x DU.350N	9590695	240 Vac operator
2x DU.350CF	9150021	Self-supporting foundation box with cataphoretic painted finish
2x SB.DU350.K	9747102	Kit comprising personalised release key and components
1x BRAINY	9176213	240 Vac control unit with radio receiver
2x TO.GO4A	9863179	4-channel transmitter with Advanced Rolling Code

TO COMPLETE THE CONFIGURATION:

SB.180.K	9747095	Set for openings up to 180° with personalised release key
DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

Max absorbed current	**1.7 A**
Torque	**450 Nm**
Opening time	**22”**
Duty cycle	**intensive use**
Protection level	**IP67**
Operating temperature	**-20°C ÷ +50°C**

HD.5024EAC

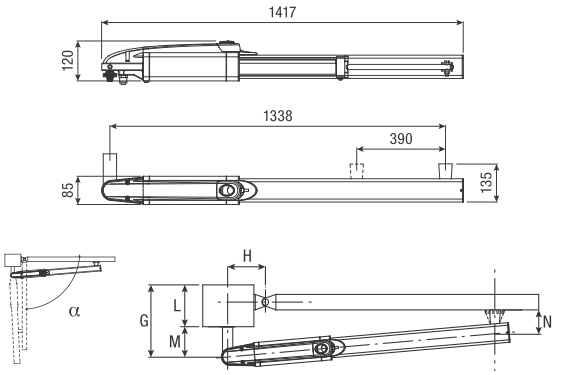
24VDC ENCODER

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

each leaf up to 5.0 m

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

CAB MORE THAN AUTOMATION



HD.5024EAC Configuration

2x HD.5024EAC	9592554	24 Vdc hydraulic operator with encoder
1x HYBRA24	9176337	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:

DU.V90	9765030	12 Vac/dc horizontal electric lock, supplied with counterplate
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

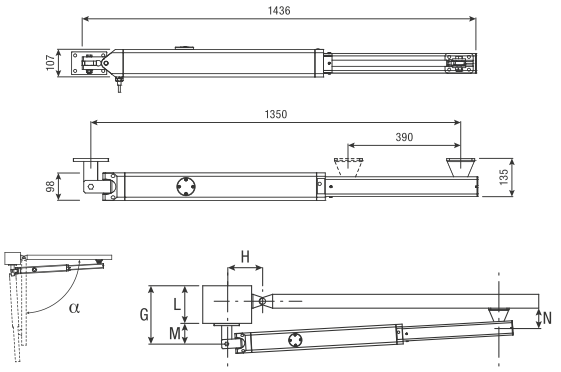
240VAC

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
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

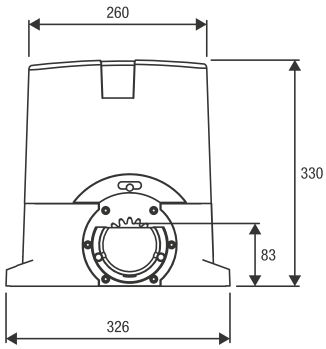
Max absorbed current	**1.3 A**
Max thrust	**10,000 N**
Ram speed	**0.75 cm/s**
Duty cycle	**intensive use**
Standard stroke	**390 mm**
Max leaf weight	**1,000 kg**
Protection level	**IP55**
Operating temperature	**-20°C ÷ +50°C**

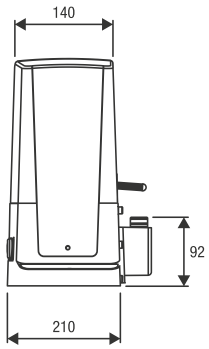
BULL424

24VDC ENCODER STC SYSTEM 64

Operator with built-in control unit, receiver and encoder

up to 450 kg





Max absorbed current	**0.4 A**
Max thrust	**428 N**
Opening speed	**180 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z14**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

KBULL424

1x BULL424 ANZ	-----	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:

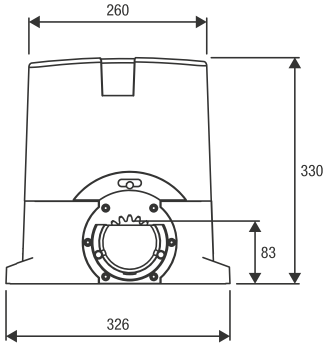
CBY.24V	9760016	Battery charger
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	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

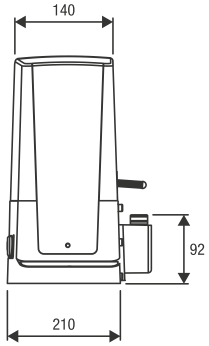
BULL624

24VDC ENCODER STC SYSTEM 64

Operator with built-in control unit, receiver and encoder

up to 600 kg





Max absorbed current	**0.5 A**
Max thrust	**857 N**
Opening speed	**165 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z14**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

KBULL624

1x BULL624 ANZ	-----	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

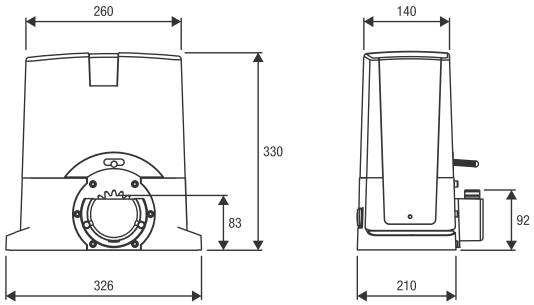
TO COMPLETE THE KIT:

CBY.24V	9760016	Battery charger
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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



Max absorbed current	**3 A**
Max thrust	**330 N**
Opening speed	**420 mm/s**
Duty cycle	**60%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

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

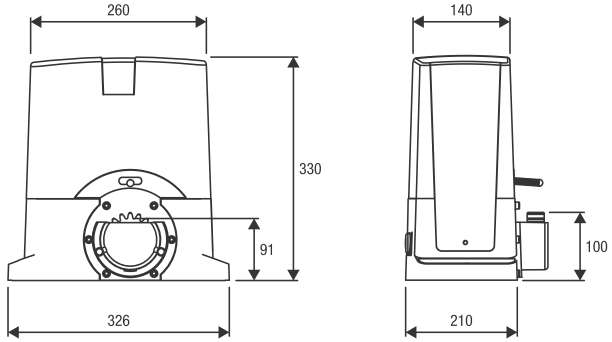
TO COMPLETE THE KIT:

BULL624T.CB	976000963	Kit comprising 5 cables and 5 brackets for battery installation
SIS	9760075	Quick connection board for operation of opposite gates
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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, built-in control unit, receiver and encoder

up to 800 kg



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**

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

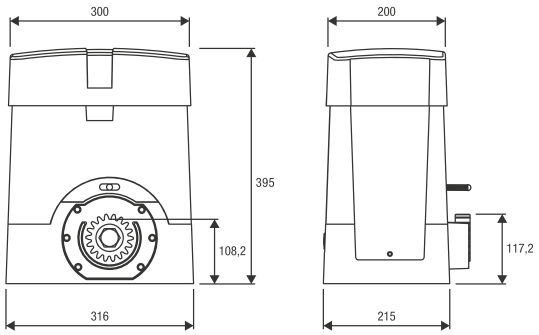
TO COMPLETE THE KIT:

LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

BULL1224TURBO

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

up to 1,200 kg



Max absorbed current	**3 A**
Max thrust	**390 N**
Opening speed	**400 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BULL1224 TURBO Configuration

1x BULL1224TURBO	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

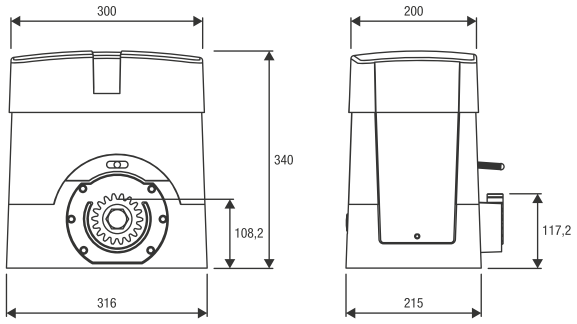
TO COMPLETE THE CONFIGURATION:

BULL1224T.CB	976000964	Kit comprising 5 cables and 5 brackets for battery installation
SIS	9760075	Quick connection board for operation of opposite gates
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

BULL1524

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

up to 1,500 kg



Max absorbed current	**1.7 A**
Max thrust	**944 N**
Opening speed	**185 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BULL1524 Configuration

1x BULL1524	9592540	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:

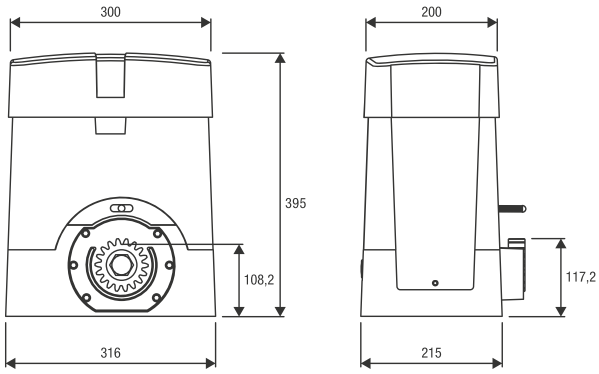
BULL1524.CB	9760037	1.2 Ah batteries and support bracket
SIS	9760075	Quick connection board for operation of opposite gates
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for 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

BULL17 OMI

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

up to 1,700 kg

Max absorbed current	**7 A**
Max thrust	**1,880 N**
Opening speed	**400 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**



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:

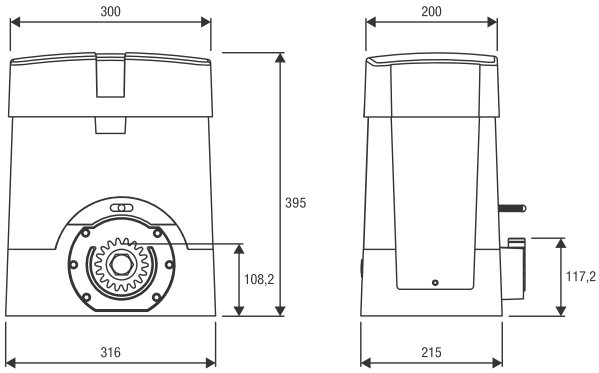
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof 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

Max absorbed current	**3 A**
Max thrust	**1,100 N**
Opening speed	**175 mm/s**
Duty cycle	**80%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**



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:

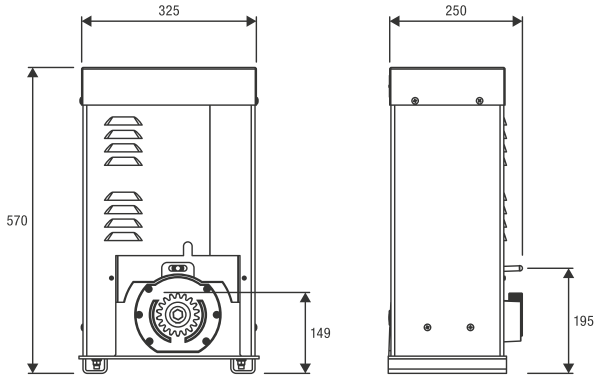
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
IRI.KPAD	9760033	Wireless battery-operated vandal-proof 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

240VAC · VIRTUAL ENCODER · STC SYSTEM · 512

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

up to 2,500 kg



Max absorbed current	**4 A**
Max thrust	**2,500 N**
Opening speed	**400 mm/s**
Duty cycle	**100%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

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

ACCESSORIES:

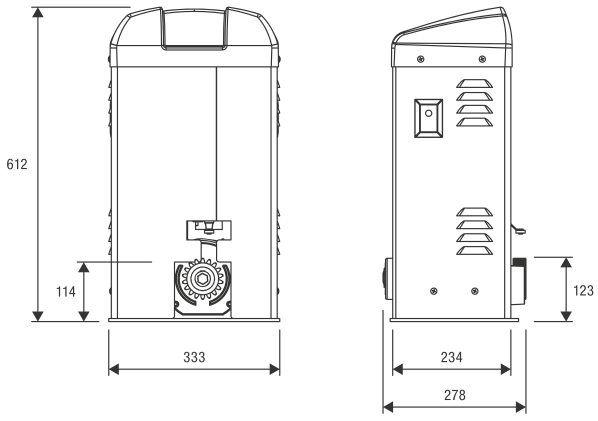
RI.M4Z	9272030	Galvanised rack, M4, 22x22x2000 mm
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
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

240VAC · ENCODER · 64

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

up to 2,500 kg



Max absorbed current	**8 A**
Max thrust	**2,500 N**
Opening speed	**315 mm/s**
Duty cycle	**100%**
Driving gear for rack	**M4 Z18**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

BISON25 OTI	9591449	Three-phase 240 Vac operator with control unit and radio receiver

ACCESSORIES:

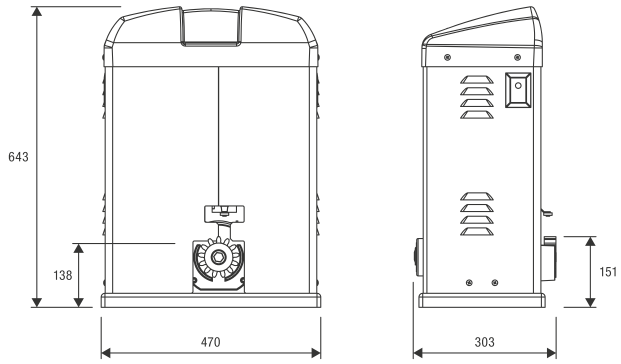
RI.M4Z	9272030	Galvanised rack, M4, 22x22x2000 mm
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
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 OTI

400VAC ENCODER 64

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

up to 3,500 kg



Max absorbed current	**3 A**
Max thrust	**3,000 N**
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	9592181	Three-phase 400 Vac operator with control unit and radio receiver

ACCESSORIES:

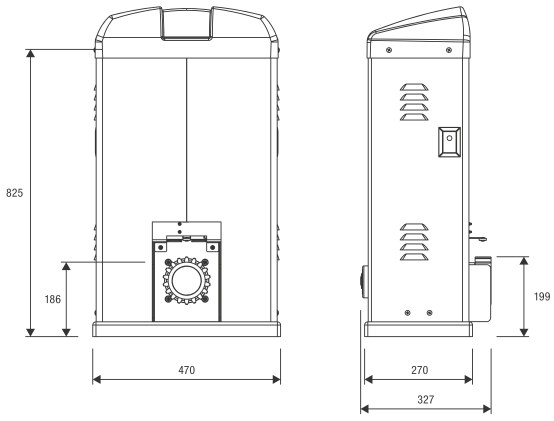
RI.M6Z	9272040	Galvanised rack, M6, 30x30x2000 mm
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	Pair of photocells adjustable to 180°
IRI.CELL	9252070	Pair of vandal-proof metal covers for PUPILLA photocells
BE.CODE	9670002	Wireless battery-operated digital keypad
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

BISON45 OTI

400VAC ENCODER 64

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

up to 4,500 kg



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**

BISON45 OTI	9592183	Three-phase 400 Vac operator with control unit and radio receiver

ACCESSORIES:

RI.M6Z	9272040	Galvanised rack, M6, 30x30x2000 mm
LAMPY	953401668	Flashing light 12÷255 Vac/Vdc, with built-in aerial
PUPILLA	9409001	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

ACCESSORIES

RI.M4F

9272010

M4 rack, to weld or attach with screws, 30x12x1000 mm slotted and galvanised. Supplied with M6 metric screws and threaded spacers.

RI.M4Z

9272030

M4 galvanised rack to weld 22x22x2000 mm.

RI.M6Z

9272040

M6 galvanised rack to weld 30x30x2000 mm.

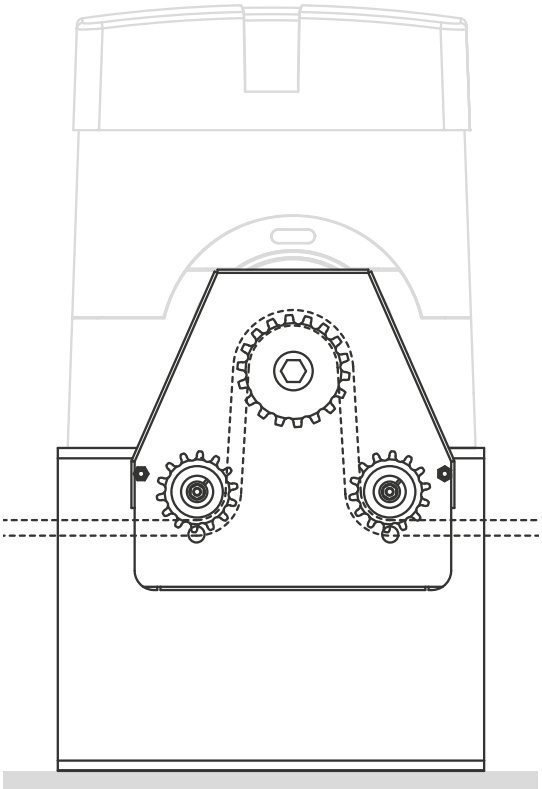
RACKV6

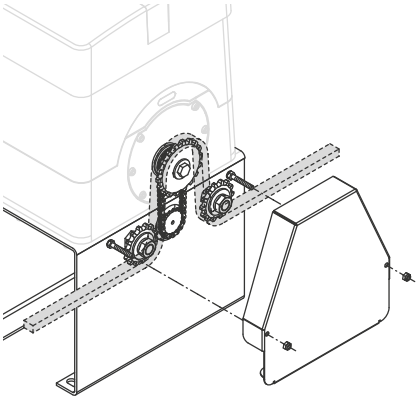
M4 nylon rack with steel core, to attach with screws. 6 pt lugs down.

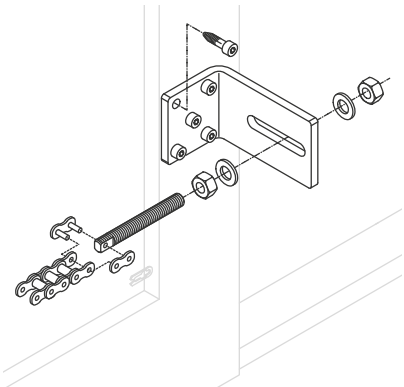
RACKV6U

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

CHAIN GATE SYSTEM







ASSEMBLY

9520003

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

BASE

9688154

Base plate for chain drive kits.

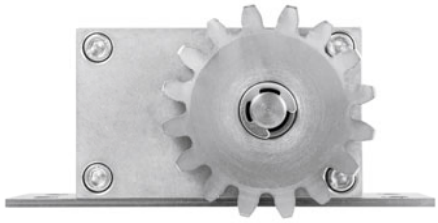
CHAIN

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

199.1

Hydraulic radial brake, M4 Z16, maximum torque 7 Nm

HI MOTIONS
OPENING SOLUTIONS



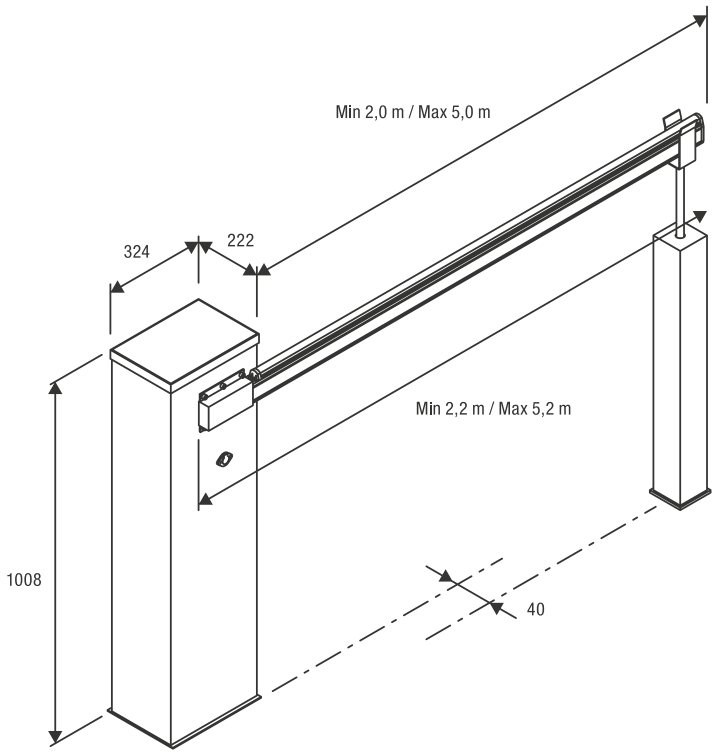
Pinion module	**M4**
N° of teeth	**Z16**
Oil	**SILICONE 3000**
Maximum torque	**7 Nm**
Brake direction	**LEFT OR RIGHT**
Load adjustment	**YES**
Operating temperature	**-20°C ÷ +50°C**

LADY.5

24VDC 64

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

for driveways up to 5 m



Boom length	**5 m**
Max absorbed current	**1,6 A**
Power consumption in stand-by	**40 mA**
Torque	**205 Nm**
Opening time	**3,5 ÷ 6 s**
Duty cycle	**intensive use**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

LADY.5	9083257	24 Vdc electromechanical boom gate

ACCESSORIES:

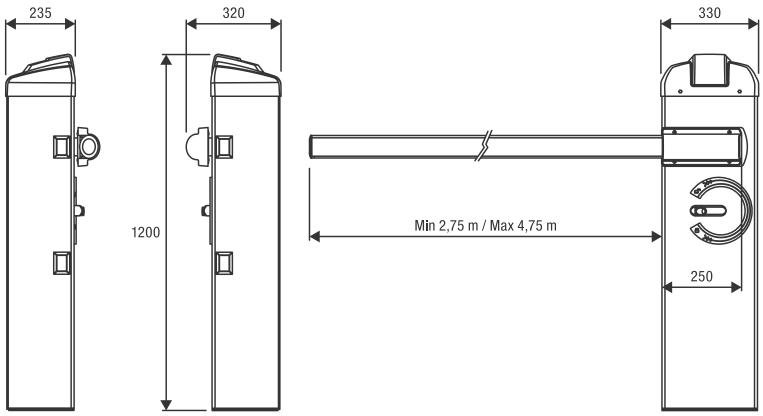
LADY.P5	9081027	5.2 m white painted aluminium boom, with rubber profiles
LADY.L	9534001	Set of lights for booms
VE.PS	9623068	Foundation plate with coach screws
VE.AF	9078010	Painted fixed support for booms
VE.CAT500	9549020	Set of 20 adhesive refractor strips
LADY.SN	9780001	Articulated joint set
VE.RAST	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
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

EVA.5

24VDC | ENCODER | STC SYSTEM | 64

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

for driveways up to 5 m



Boom length	**5 m**
Max absorbed current	**1,6 A**
Power consumption in stand-by	**40 mA**
Torque	**205 Nm**
Opening time	**3,5 ÷ 6 s**
Duty cycle	**intensive use**
Protection level	**IP44**
Operating temperature	**-20°C ÷ +50°C**

EVA.5	9083120	24 Vdc electromechanical boom gate

ACCESSORIES:

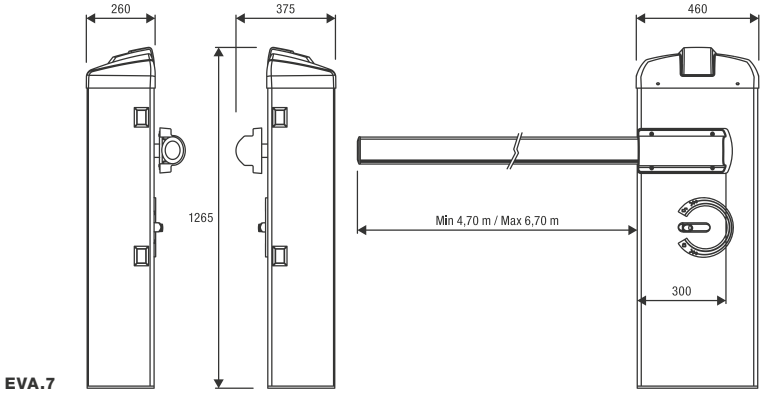
EVA5.A	9081005	5 m painted elliptical aluminium boom
EVA.L	9534002	Set of lights for booms
EVA.LAMP	9534003	Circuit for flashing light
VE.PS	9623068	Foundation plate with coach screws
EVA.AF	9078035	Painted fixed support for booms
VE.AM	9078020	Mobile support for booms
EVA.CAT5	9549030	Set of 20 adhesive 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
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

EVA.7/8

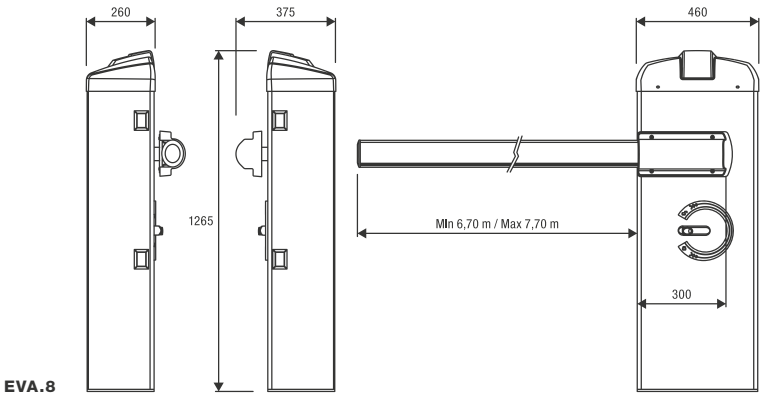
24VDC · ENCODER · STC SYSTEM · 64

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**
Power consumption in stand-by	**40 mA**
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**
Power consumption in stand-by	**40 mA**
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
EVA.L	9534002	Set of 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
EVA.CAT7	9549031	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
ONE.2WB	9673103	433.92 MHz 2-channel universal receiver, in box

BRAINY

9176213

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 or 2 actuators for swing gates, opposite sliding gates, hydraulic operators, and industrial folding doors	240 Vac – 50/60 Hz	240 Vac 600W + 600W

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 | 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+ BRAINY24-SW

917600923 9176336

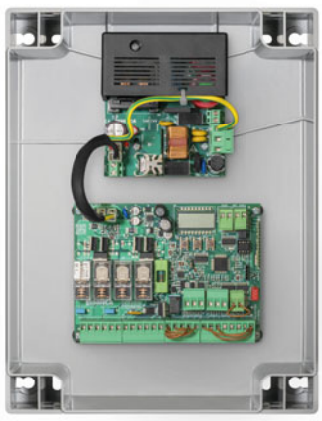
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 or 2 actuators for swing gates, opposed sliding gates and industrial folding doors with a maximum of 2 sections	**BRAINY24+** 115 or 240 Vac (selectable) 50/60Hz **BRAINY24-SW** 100÷250 Vac – 50/60 Hz	**BRAINY24+** 24 Vdc 200W + 200W **BRAINY24-SW** 24 Vdc 110W + 110W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code receiver with 3 encoding systems (Advanced Rolling Code, Rolling Code, Fixed Code) | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Separate limit switch inputs for each motor | Open, close, step by step, pedestrian 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 12 VDC | Output for configuration as gate open indicator or photocell testing | Output for configuration as second radio channel or service light | Autosetting of operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety through amperometric detection and encoder management | Separate adjustable slowdowns for each motor | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning | Built-in battery charger, compatible with batteries DA.BT2/DA.BT6

HYBRA24

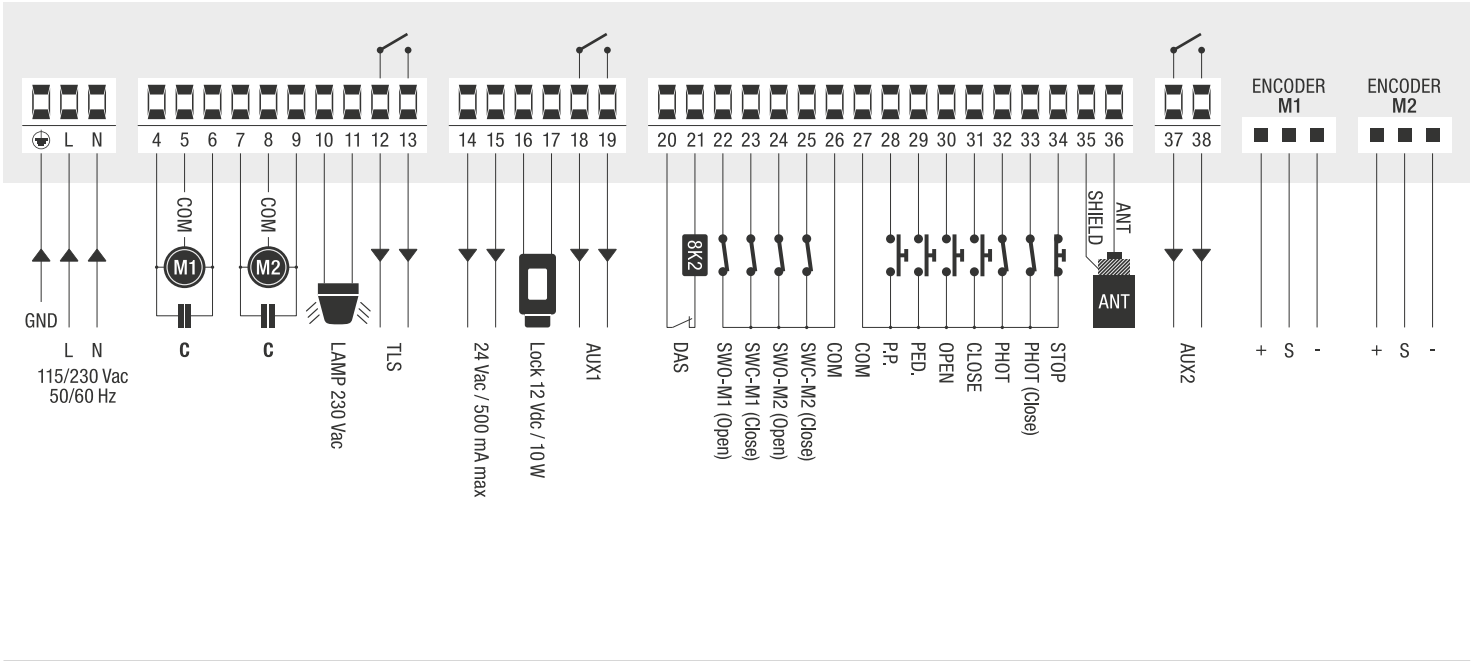
9176337

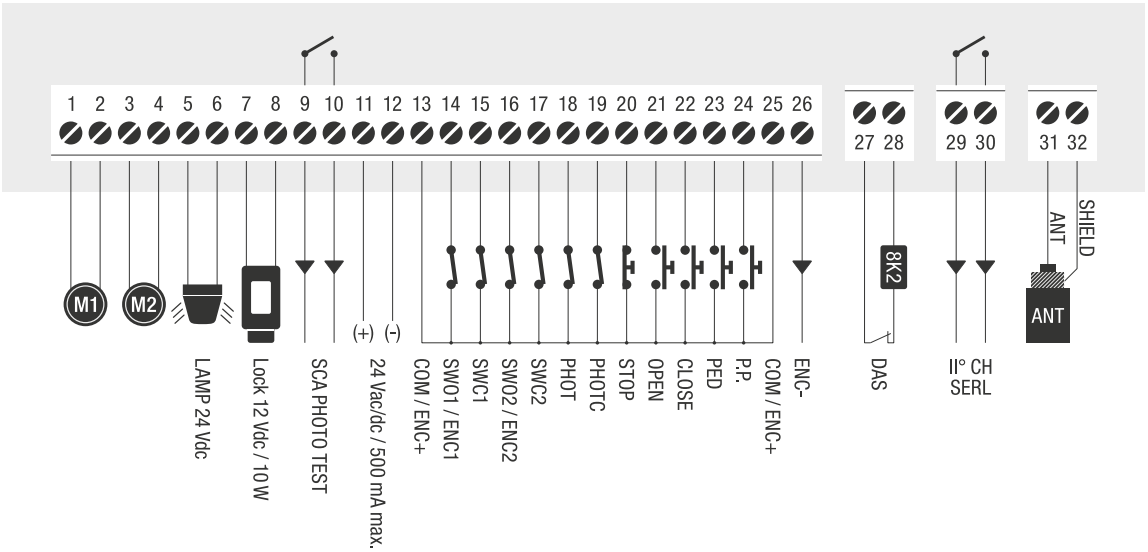


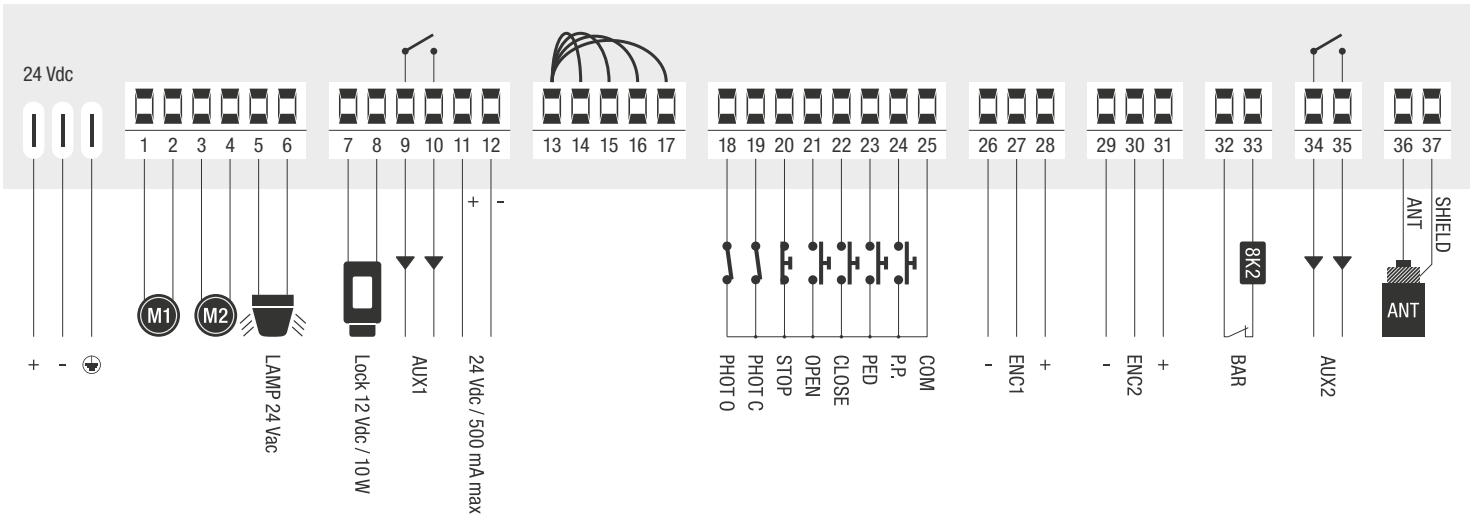
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 or 2 actuators HD.5024 equipped with encoder	115 or 240 Vac (selectable) 50/60Hz	24 Vdc 240W + 240W

MAIN FUNCTIONS

Built-in LCD display | Built-in 433,92 MHz radio receiver, with 64 codes and ARC encoding | Removable terminal boards | Open, close, step by step and pedestrian inputs |Separate photocell inputs in opening-closing and closing phases | Stop input | Input for NC or 8K2 sensitive edge | Inputs for the encoder of motors of the series HD.3524/HD.5024 | Output for 12 Vdc electric lock |2 outputs configurable as open gate indicator, second radio channel, courtesy light, area light or photocell testing | Autosetting of operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety with amperometric detection and encoder management |Slow-downs for each motor during the opening and closing phase | Possibility to configure parameters and manage transmitters through the Advantouch system | Number of cycles | Programming access password | Maintenance warning | Built-in battery charger, compatible with batteries DA.BT2/DA.BT6


L N
4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19
20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
37 38
ENCODER M1
ENCODER M2
GND
L N
115/230 Vac 50/60 Hz
COM
M1
C
COM
M2
C
LAMP 230 Vac
TLS
24 Vac / 500 mA max
Lock 12 Vdc / 10 W
AUX1
8K2
DAS
SWO-M1 (Open)
SWC-M1 (Close)
SWO-M2 (Open)
SWC-M2 (Close)
COM
COM
P.P.
PED.
OPEN
CLOSE
PHOT
PHOT (Close)
STOP
SHIELD
ANT
ANT
AUX2
+ S -
+ S -


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
27 28
29 30
31 32
M1
M2
LAMP 24 Vdc
Lock 12 Vdc / 10 W
SCA PHOTO TEST
24 Vac/dc / 500 mA max.
(+) (-)
SWO1 / ENC1
SWC1
SWO2 / ENC2
SWC2
PHOT
PHOTC
STOP
OPEN
CLOSE
PED
P.P.
COM / ENC+
ENC-
8K2
DAS
II° CH SERL
SHIELD
ANT
ANT


24 Vdc
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17
18 19 20 21 22 23 24 25
26 27 28
29 30 31
32 33
34 35
36 37
M1
M2
LAMP 24 Vac
Lock 12 Vdc / 10 W
AUX1
24 Vdc / 500 mA max
+ -
PHOT O
PHOT C
STOP
OPEN
CLOSE
PED
P.P.
COM
- ENC1 +
- ENC2 +
8K2
BAR
AUX2
SHIELD
ANT
ANT

CP.BN

9686487

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
2 actuators BEN for swing gates	240 Vac – 50/60 Hz	24 Vdc 50W + 50W

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 and semi-automatic logic | Pedestrian, step by step and stop inputs | Separate photocell inputs in opening-closing and in closing phases | Step by step input can be configured as open | Pedestrian input can be configured as close | Output configurable as gate open indicator, service light or second radio channel | Autosetting of operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety thanks to amperometric detection | Separate adjustable slow-downs for each motor | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers

CP.MBY24

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 or 2 actuators MBE24 for swing gates	240 Vac – 50/60 Hz	24 Vdc 90W + 90W

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 | Separate limit switch inputs for each motor | Pedestrian, step by step, open, close and stop inputs | Separate photocell inputs in opening-closing and photocell active in closing phases | Input for N.C or 8K2 sensitive edge | Output for electric lock 12 VDC | Output for configuration as gate open indicator or photocell testing | Ouptut configurable as second radio channel or service light | Autosetting of operating parameters | Separate electronic torque adjustment for each motor | Anti-crushing safety thanks to amperometric detection | Separate adjustable slow-downs for each motor | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning

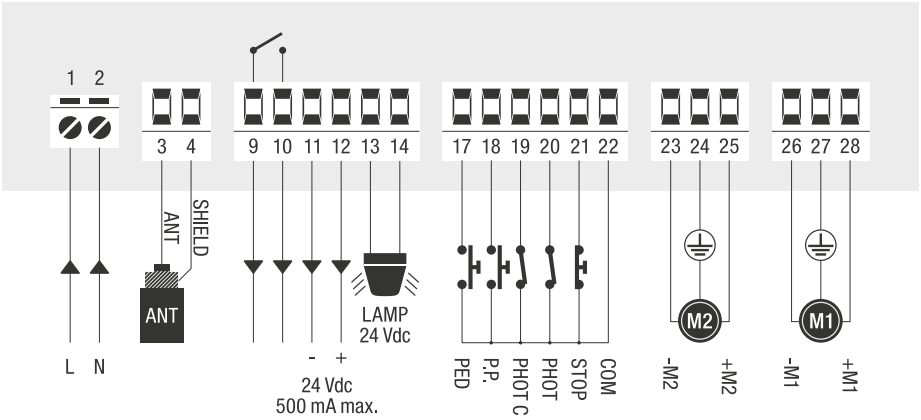
THINKY

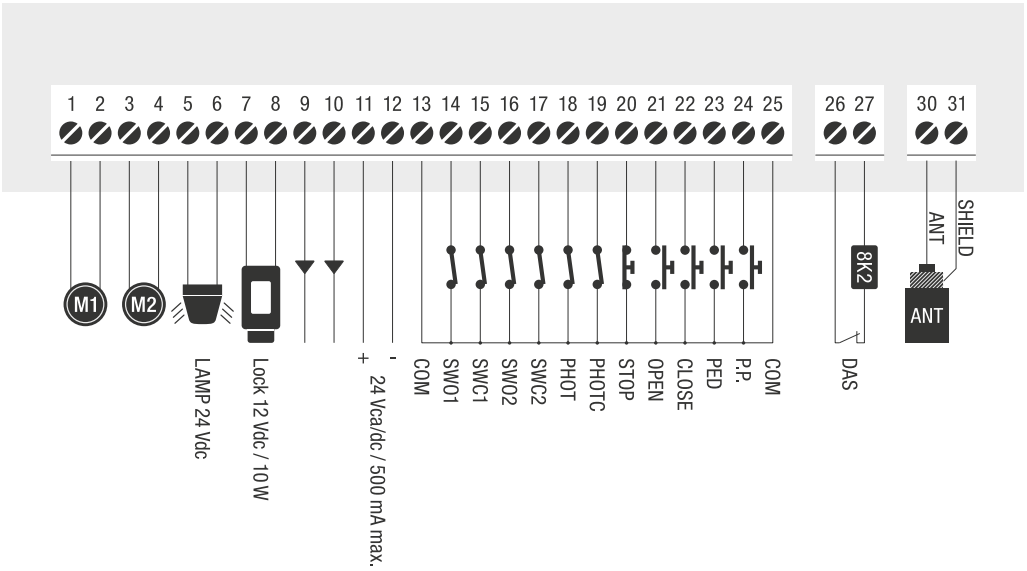
9176251

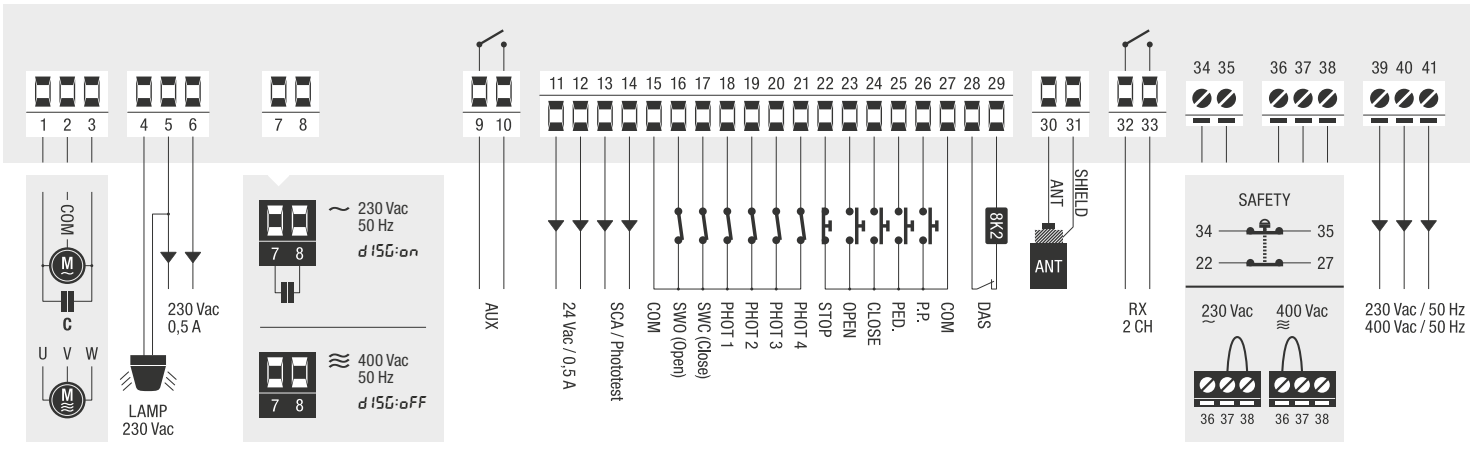
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator for sectional doors and rolling doors, folding doors with more than two sections, unbalanced shutters and industrial sliding gates	240 Vac or 400 Vac	240 Vac 900W or 400 Vac 2200W

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 | 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


1 2
3 4
9 10 11 12 13 14
17 18 19 20 21 22
23 24 25
26 27 28
SHIELD
ANT
ANT
LAMP
24 Vdc
L N
- +
24 Vdc
500 mA max.
PED P.P. PHOT C PHOT STOP COM
-M2 +M2
-M1 +M1
M2
M1


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
26 27
30 31
M1
M2
LAMP 24 Vdc
Lock 12 Vdc / 10 W
+ -
24 Vca/dc / 500 mA max.
COM SWO1 SWC1 SWO2 SWC2 PHOT PHOTC STOP OPEN CLOSE PED P.P. COM
8K2
DAS
SHIELD
ANT
ANT


1 2 3
4 5 6
7 8
9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31
32 33
34 35
36 37 38
39 40 41
COM
C
U V W
230 Vac
0,5 A
LAMP
230 Vac
230 Vac
50 Hz
400 Vac
50 Hz
AUX
24 Vac / 0,5 A
SCA / Phototest
COM SWO (Open) SWC (Close) PHOT 1 PHOT 2 PHOT 3 PHOT 4 STOP OPEN CLOSE PED. P.P. COM
DAS
8K2
SHIELD
ANT
ANT
RX
2 CH
SAFETY
34 35
22 27
230 Vac
400 Vac
230 Vac / 50 Hz
400 Vac / 50 Hz
36 37 38
36 37 38

CP.B24 ANZ

968600681

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL424ANZ or BULL624ANZ for sliding gates	240 Vac – 50/60 Hz	24 Vdc 80W

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 | Separate photocell inputs in opening-closing and photocell active in closing phases | Pedestrian, step by step and stop inputs | Two outputs for configuration as gate open indicator, service light, second radio channel or area 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 detection and encoder management | Adjustable slow-downs | Advantouch system to configure parameters and manage radio transmitters | Number of maneuvers | Programming access password | Maintenance warning

CP.B24 TURBO

968600673

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL624 TURBO or BULL1224 TURBO for sliding gates	115 or 240 Vac (selectable) 50/60Hz	24 Vdc 400W

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 gate open indicator, second radio channel of the incorporated receiver, service light, photocell testing | Predesigned for the operation of opposed sliding gates through SIS synchronisation board (optional) | Predesigned for KNX connection through X.BE board (optional) | 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 slow-downs | 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

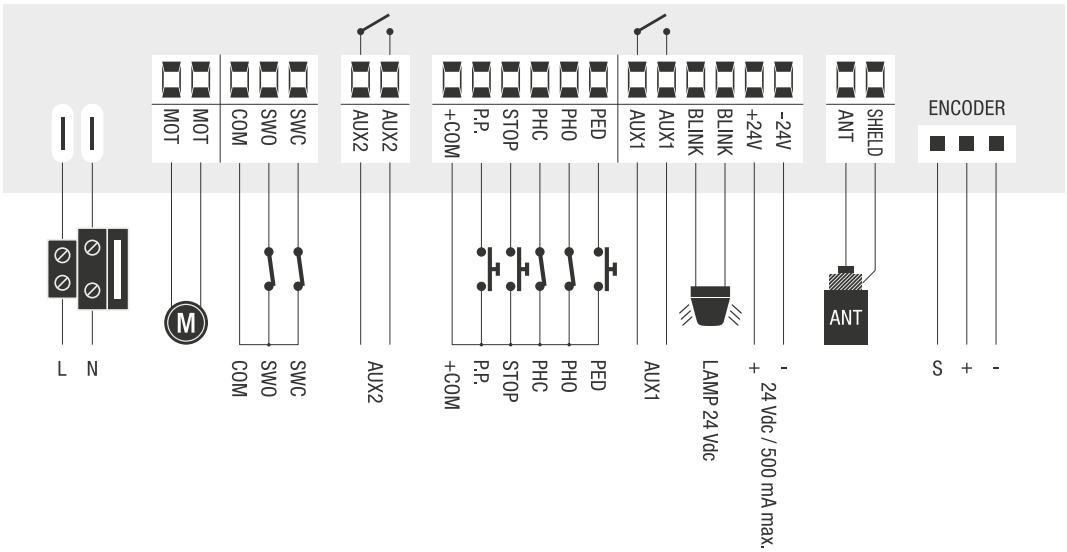
CP.BULL8-OM

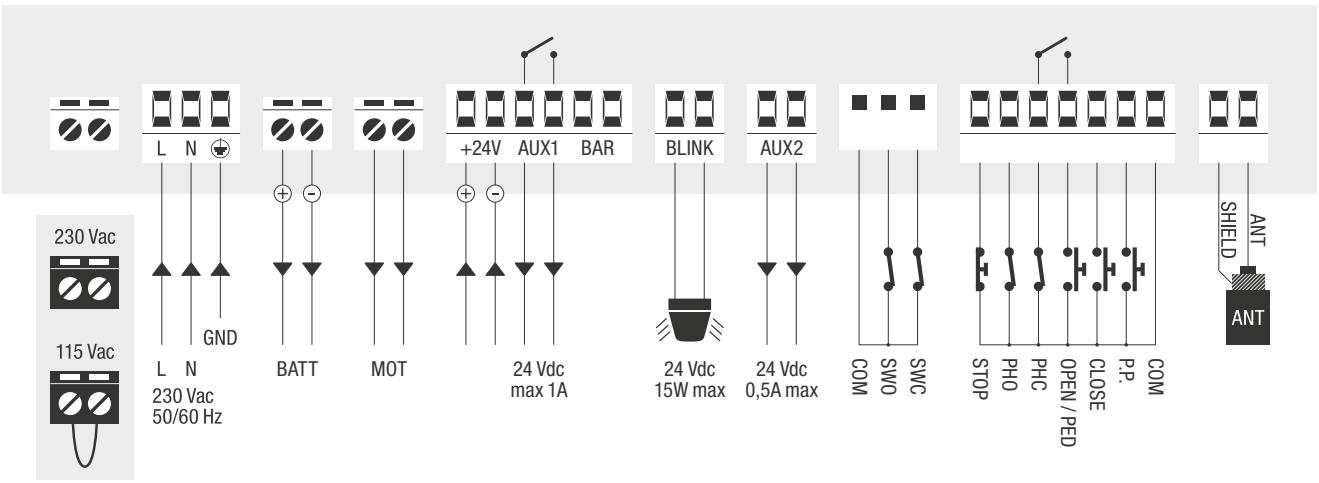
9686829

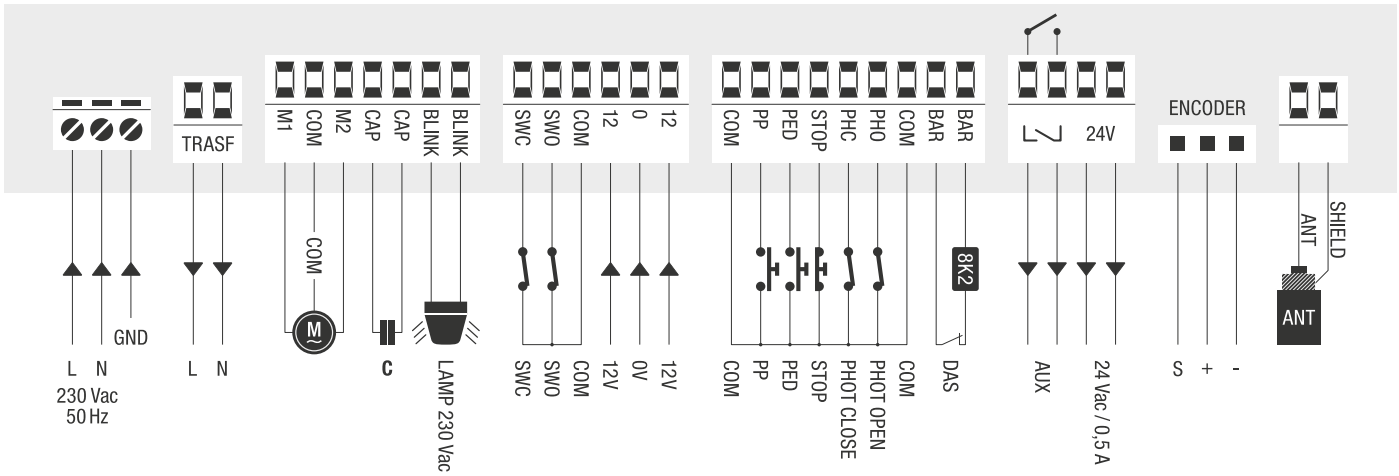
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL8 OM for sliding gates	240 Vac – 50/60 Hz	240 Vac 280W

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


MOT
MOT
COM
SWO
SWC
AUX2
AUX2
+COM
P.P.
STOP
PHC
PHO
PED
AUX1
AUX1
BLINK
BLINK
+24V
-24V
ANT
SHIELD
ENCODER
L N
M
ANT
S + -
LAMP 24 Vdc
+ - 24 Vdc / 500 mA max.


230 Vac
115 Vac
L N
GND
L N
230 Vac
50/60 Hz
BATT
MOT
+24V AUX1 BAR
24 Vdc
max 1A
BLINK
24 Vdc
15W max
AUX2
24 Vdc
0,5A max
COM SWO SWC
STOP PHO PHC OPEN / PED CLOSE P.P. COM
ANT
SHIELD
ANT


GND
L N
230 Vac
50 Hz
TRASF
L N
M1 COM M2 CAP CAP BLINK BLINK
COM
M
C
LAMP 230 Vac
SWC SWO COM 12 0 12
SWC SWO COM 12V 0V 12V
COM PP PED STOP PHC PHO COM BAR BAR
COM PP PED STOP PHOT CLOSE PHOT OPEN COM DAS
8K2
24V
AUX
24 Vac / 0,5 A
ENCODER
S + -
SHIELD
ANT
ANT

CP.B1524

9688346

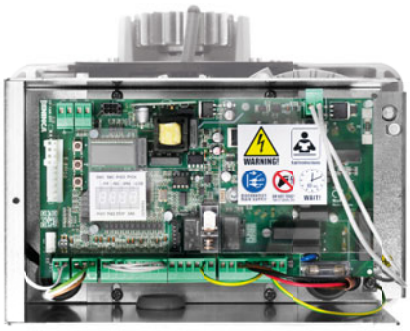
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL1524 for sliding gates	100÷250 Vac – 50/60 Hz	24 Vdc 220W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 2048-code radio receiver with ARC coding | Removable terminal boards | Automatic, semi-automatic and deadman's logic | Motor limit switch inputs | Step by step, pedestrian and stop inputs | Photocell input (PHOT O) configurable as active in opening-closing or only in closing phases | Photocell input (PHOT C) active both in opening and closing phases | Input for N.C or 8K2 sensitive edge | Step by step input configurable as open | Pedestrian input configurable as close | Two outputs configurable as gate open indicator, second radio channel of the incorporated receiver, service light, photocell testing | Predesigned for the operation of opposed sliding gates through SIS synchronisation board (optional) | Autosetting of operating parameters | Electronic torque adjustment | Anti-crushing safety thanks to amperometric detection | Electronic torque adjustment with automatic calculation for each point in the stroke (STC SYSTEM) | Adjustable slow-downs | Advantouch system to configure parameters and manage radio transmitters | Virtual encoder | Number of maneuvers | Programming access password | Maintenance warning | Integrated battery charger, compatible with battery models DA.BT2/DA.BT6

CP.BULL OMI CP.YAK OTI

9688336 9688255



APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL17 OMI or YAK25 OTI for sliding gates	100÷250 Vac – 50/60 Hz	240 Vac 1000W

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 | 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

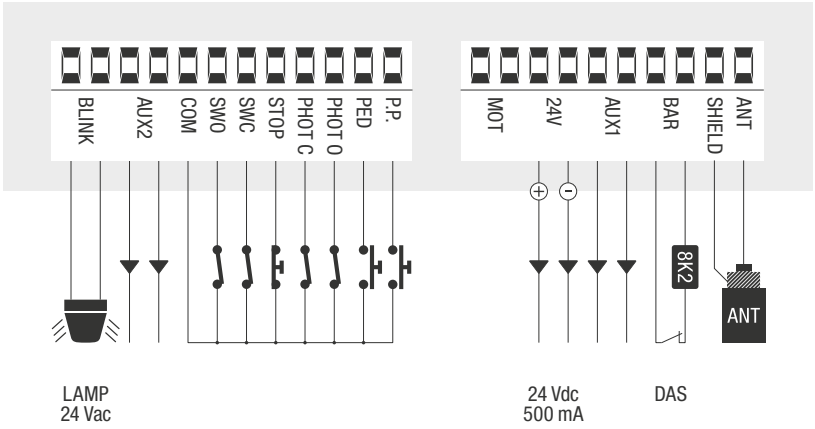
CP.BULL20-HE

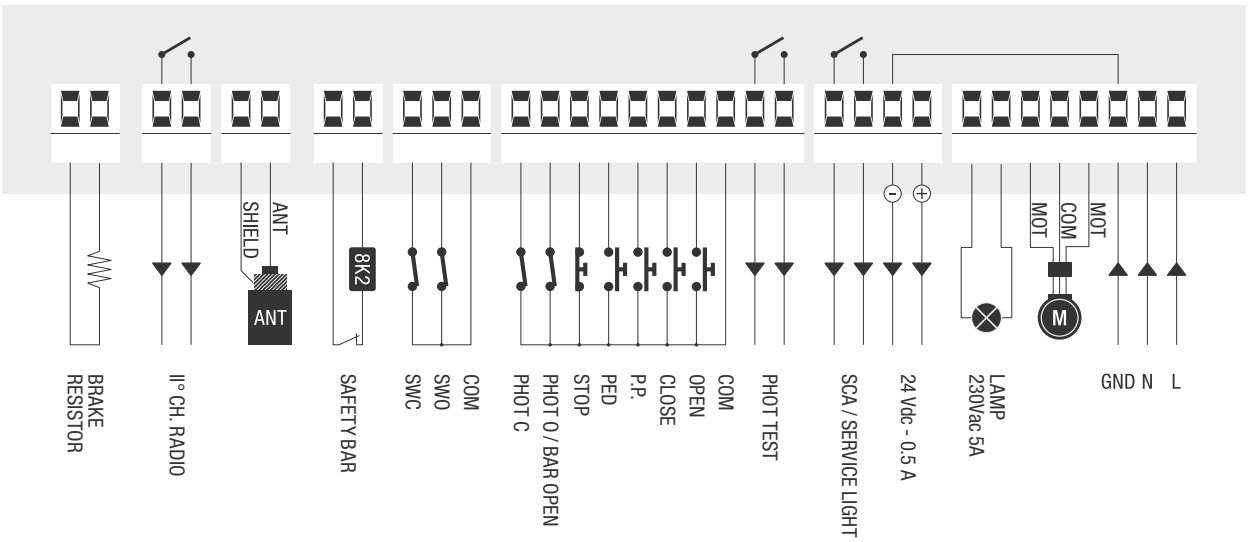
968600983

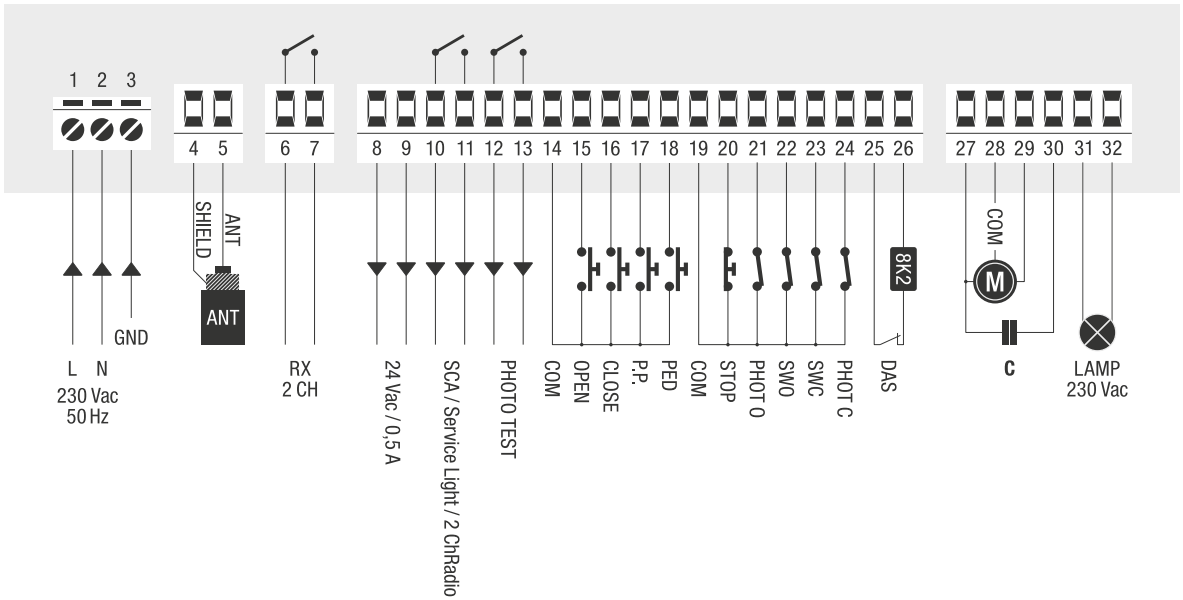
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BULL20 HE for sliding gates	240 Vac – 50/60 Hz	240 Vac 1000W

MAIN FUNCTIONS

Integrated LCD display | Integrated 433.92 MHz 64-code radio receiver with ARC | 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 | 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

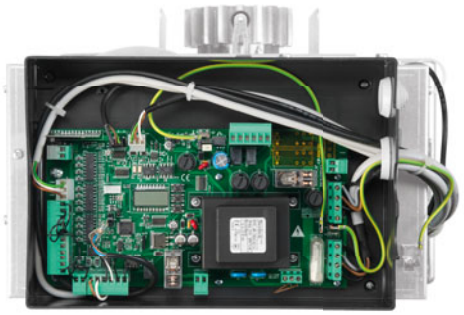

BLINK
AUX2
COM
SWO
SWC
STOP
PHOT C
PHOT O
PED
P.P.
MOT
24V
AUX1
BAR
SHIELD
ANT
8K2
ANT
LAMP
24 Vac
24 Vdc
500 mA
DAS


BRAKE
RESISTOR
II° CH. RADIO
ANT
SHIELD
ANT
SAFETY BAR
8K2
COM
SWO
SWC
COM
PHOT C
PHOT O / BAR OPEN
STOP
PED
P.P.
CLOSE
OPEN
COM
PHOT TEST
SCA / SERVICE LIGHT
24 Vdc - 0.5 A
LAMP
230Vac 5A
MOT
COM
MOT
M
GND N L


1 2 3
GND
L N
230 Vac
50 Hz
4 5
ANT
SHIELD
ANT
6 7
RX
2 CH
8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
24 Vac / 0,5 A
SCA / Service Light / 2 ChRadio
PHOTO TEST
COM
OPEN
CLOSE
P.P.
PED
COM
STOP
PHOT O
SWO
SWC
PHOT C
8K2
DAS
27 28 29 30 31 32
COM
M
C
LAMP
230 Vac

CP.BISON OTI

9686549



APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 actuator BISON for sliding gates	240 Vac or 400 Vac	220 Vac 750W three phase with inverter or 380 Vac 1500W 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 | 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.LADY

968601410

APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 boom gate LADY.5	100÷250 Vac – 50/60 Hz	24 Vdc 220W

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 boom | Output configurable as open barrier indicator light, second radio channel of incorporated receiver, boom light, service light, photocell test or maintenance indicator | 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

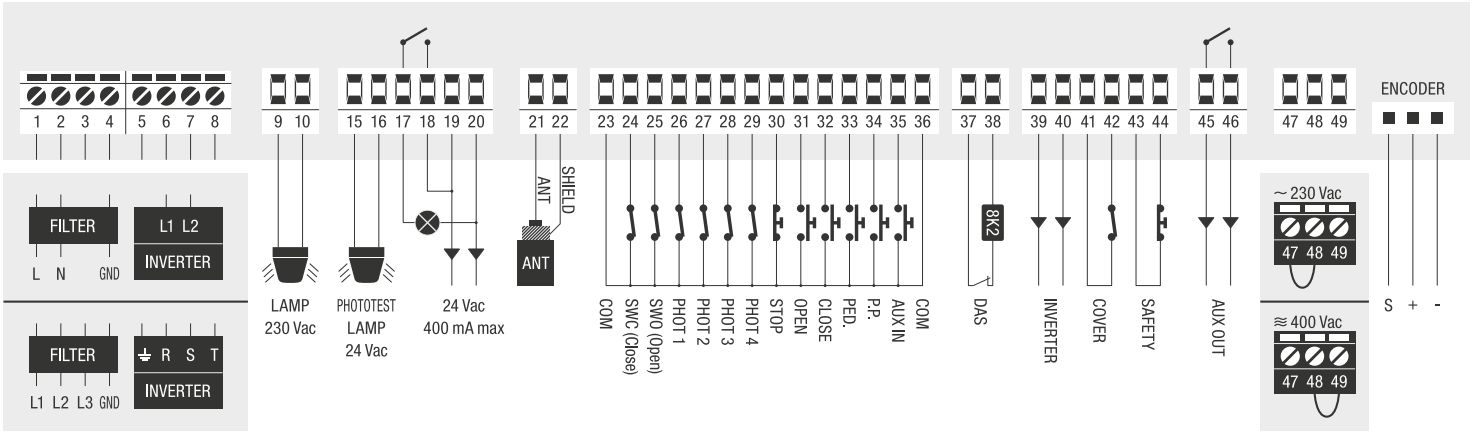
CP.EVA

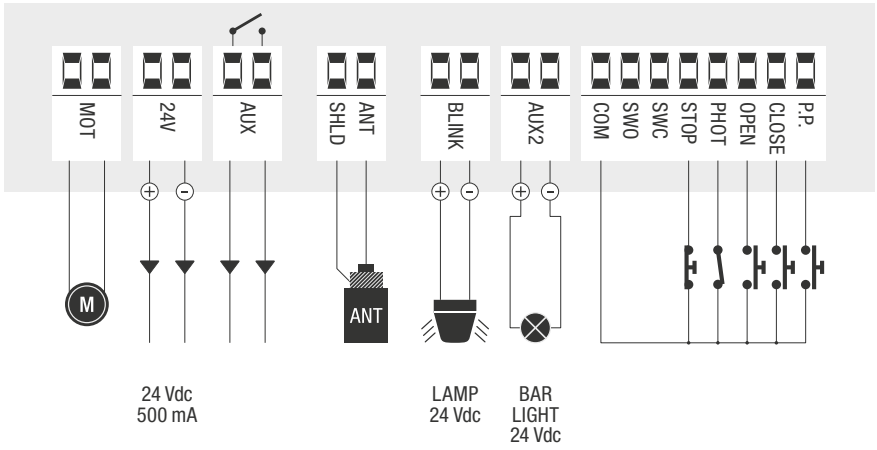
9688240

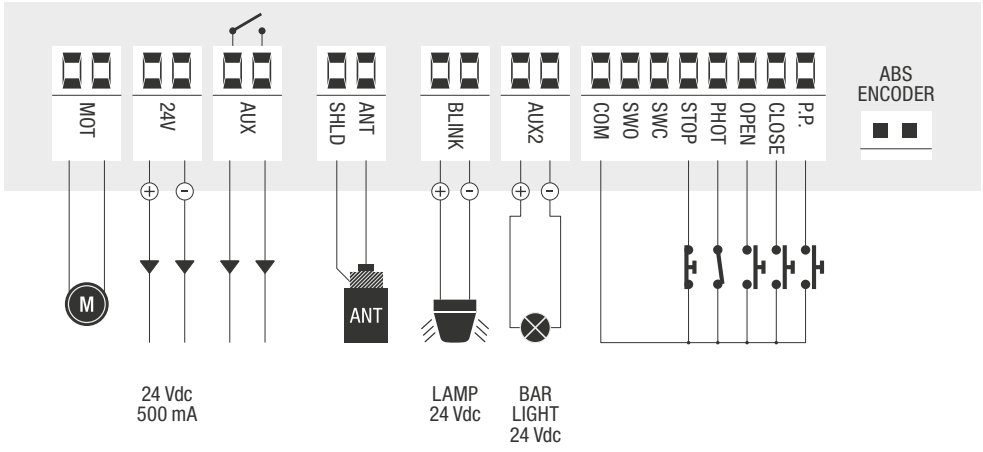
APPLICATION	CONTROL UNIT POWER SUPPLY	MOTORS POWER SUPPLY
1 boom gate EVA.5, EVA.7 or EVA.8	100÷250 Vac – 50/60 Hz	24 Vdc 220W

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 EVA.L accessory, integrated LED on boom | Output configurable as open barrier indicator light, second radio channel of incorporated receiver, boom light, service light, photocell test or maintenance indicator | 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


1 2 3 4
5 6 7 8
9 10
15 16 17 18 19 20
21 22
23 24 25 26 27 28 29 30 31 32 33 34 35 36
37 38
39 40 41 42 43 44
45 46
47 48 49
ENCODER
SHIELD
ANT
COM
SWC (Close)
SWO (Open)
PHOT 1
PHOT 2
PHOT 3
PHOT 4
STOP
OPEN
CLOSE
PED.
P.P.
AUX IN
COM
DAS
8K2
INVERTER
COVER
SAFETY
AUX OUT
~ 230 Vac
≈ 400 Vac
S + -
FILTER
L N GND
L1 L2
INVERTER
FILTER
L1 L2 L3 GND
R S T
INVERTER
LAMP
230 Vac
PHOTOTEST
LAMP
24 Vac
24 Vac
400 mA max


MOT
24V
AUX
SHLD
ANT
BLINK
AUX2
COM
SWO
SWC
STOP
PHOT
OPEN
CLOSE
P.P.
M
ANT
24 Vdc
500 mA
LAMP
24 Vdc
BAR
LIGHT
24 Vdc

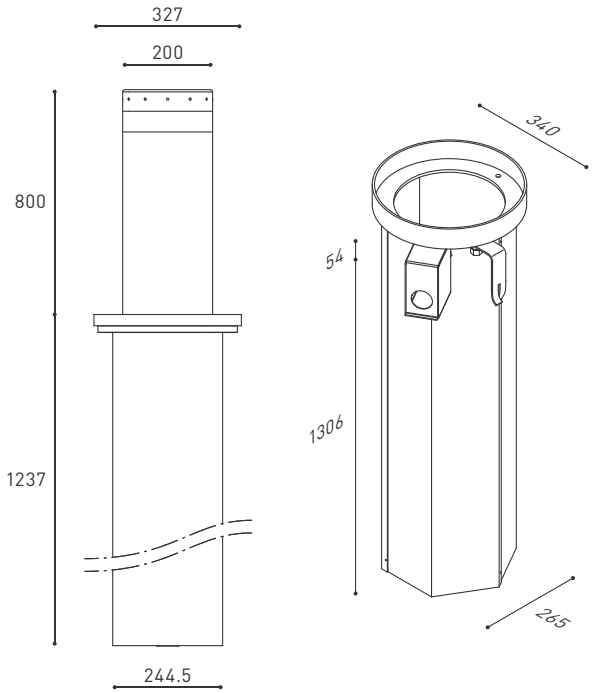

MOT
24V
AUX
SHLD
ANT
BLINK
AUX2
COM
SWO
SWC
STOP
PHOT
OPEN
CLOSE
P.P.
ABS
ENCODER
M
ANT
24 Vdc
500 mA
LAMP
24 Vdc
BAR
LIGHT
24 Vdc

VIGILANT 800

24VDC

Electromechanical bollard with built-in encoder,
anti-vandal function and RS485 communication bus

height 800 mm | ø 200 mm



	VIGILANT800
Steel thickness	**8 mm**
Max absorbed current	**7 A**
Impact resistance	**11,000 J**
Breakout resistance	**180,000 J**
Raising time	**7”**
Lowering time	**5”**
Protection level	**IP68**
Operating temperature	**-20°C ÷ +50°C**

	VIGILANT800I
Steel thickness	**9.2 mm**
Max absorbed current	**7 A**
Impact resistance	**11,000 J**
Breakout resistance	**180,000 J**
Raising time	**7”**
Lowering time	**5”**
Protection level	**IP68**
Operating temperature	**-20°C ÷ +50°C**

VIGILANT800	9343002	24 Vdc electromechanical bollard with powder coating steel finish
VIGILANT800I	9343005	24 Vdc electromechanical bollard with AISI 316 electropolished stainless steel finish

ACCESSORIES:

CA800A	9150004	Foundation box in steel with cataphoresis treatment
KTOOLS	9089010	Set of installation tools
AUT	9176980	Device that allows an automatic lowering maneuver
CP1S	9176148	Control unit for 1 bollard
CP2S	9176149	Control unit for 2 bollards
CP4S	9176151	Control unit for 4 bollards
C05	9171005	5 m cable with connector
C10	9171006	10 m cable with connector
C15	9171007	15 m cable with connector
C20	9171008	20 m cable with connector
C25	9171009	25 m cable with connector
VE.KM1HN	9614267	24 Vac/dc single channel loop detector

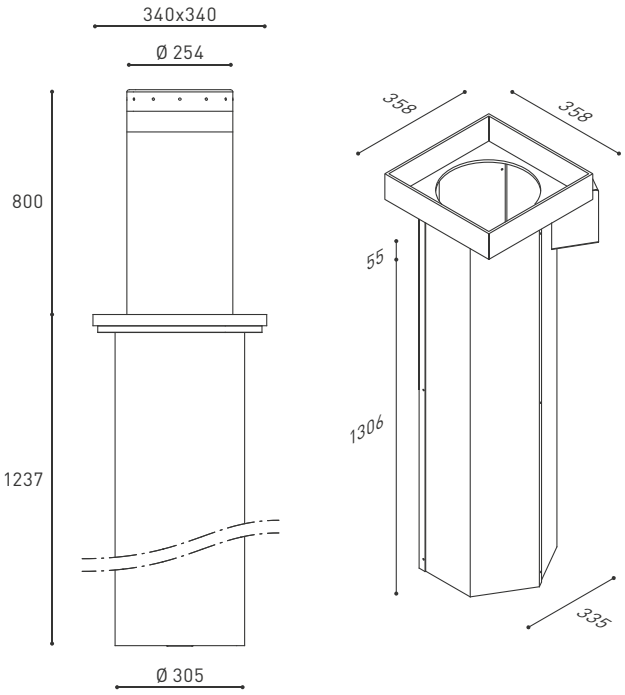
FORCE 825

24VDC

RISE Smart Moving

Electromechanical bollard with built-in encoder,
anti-vandal function and RS485 communication bus

height 800 mm | ø 254 mm



	FORCE825
Steel thickness	**10 mm**
Max absorbed current	**8 A**
Impact resistance	**18,000 J**
Breakout resistance	**240,000 J**
Raising time	**10”**
Lowering time	**9”**
Protection level	**IP68**
Operating temperature	**-20°C ÷ +50°C**

	FORCE825I
Steel thickness	**11.2 mm**
Max absorbed current	**8 A**
Impact resistance	**18,000 J**
Breakout resistance	**240,000 J**
Raising time	**10”**
Lowering time	**9”**
Protection level	**IP68**
Operating temperature	**-20°C ÷ +50°C**

FORCE825	9343156	24 Vdc electromechanical bollard with powder coating steel finish
FORCE825I	9343158	24 Vdc electromechanical bollard with AISI 316 electropolished stainless steel finish

ACCESSORIES:

CA825A	9150009	Foundation box in steel with cataphoresis treatment
KTOOLS	9089010	Set of installation tools
AUT	9176980	Device that allows an automatic lowering maneuver
CP1S	9176148	Control unit for 1 bollard
CP2S	9176149	Control unit for 2 bollards
CP4S	9176151	Control unit for 4 bollards
C05	9171005	5 m cable with connector
C10	9171006	10 m cable with connector
C15	9171007	15 m cable with connector
C20	9171008	20 m cable with connector
C25	9171009	25 m cable with connector
VE.KM1HN	9614267	24 Vac/dc single channel loop detector

MAXIMUM M30

~ 240VAC

Automatic hydraulic anti-terrorism bollard

height 900 mm | ø 275 mm

IWA 14-1 | PAS 68 | ASTM INTERNATIONAL

IWA 14-1:2013 V/7200 [N3C] /48/90: -0.8
PAS68:2013 V/7500 [N3] /48/90: -0.5
ASTM F2656 Rating C730/7200 - P1 (-0.8)

	MAX M30 MAX M30 - I
Steel thickness	**10 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**
Emergency rising time (E.F.O.)	**---**
Protection level	**IP67**
Operating temperature	**-20°C ÷ +50°C**

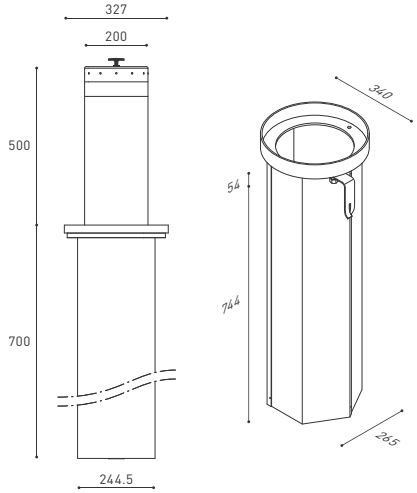
	MAX M30 EFO MAX M30 EFO - I
Steel thickness	**10 mm**
Impact resistance	**250,000 J**
Breakout resistance	**850,000 J**
Raising time	**4.5”**
Lowering time	**4.5”**
Emergency fast operation (E.F.O.)	**YES**
Emergency rising time (E.F.O.)	**1.5”**
Protection level	**IP67**
Operating temperature	**-20°C ÷ +50°C**

MAX M30	Automatic hydraulic anti-terrorism bollard with anti-corrosion cataphoresis treatment + RAL9011 graphite black painting
MAX M30 - I	Automatic hydraulic anti-terrorism bollard with AISI316 electro-polished stainless steel sleeve
MAX M30 EFO	Automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and anti-corrosion cataphoresis treatment + RAL9011 graphite black painting
MAX M30 EFO - I	Automatic hydraulic anti-terrorism bollard with emergency fast operation (E.F.O.) and AISI316 electro-polished stainless steel sleeve

RANGER 500

Semi-automatic bollard with foundation box that can be assembled without welding

height 500 mm | ø 200 mm



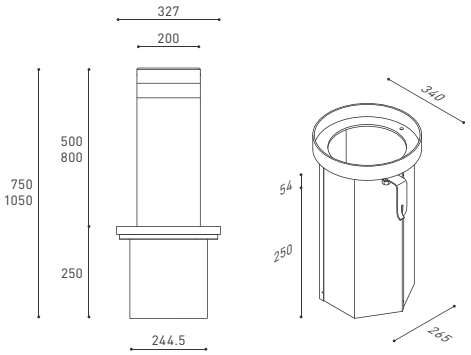
Impact resistance	**11,000 J**
Breakout resistance	**180,000 J**

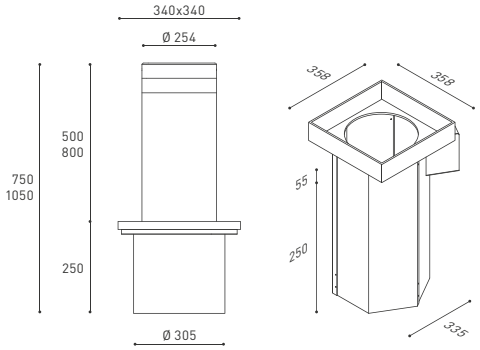
RANGER 500 Configuration

1x RANGER500	9343006	Semi-automatic bollard
1x CA500A	9150002	Foundation box in steel with cataphoresis treatment
1x KTOOLS	9089010	Set of installation tools

FIX

Fixed bollard, same design as VIGILANT/FORCE.
Powder coating steel finish



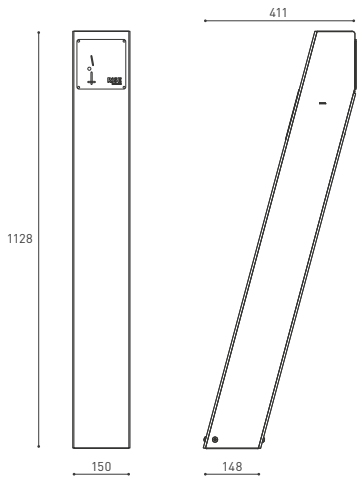


	height	Ø
FIX500 - 9343159	500 mm	200 mm
FIX800 - 9343154	800 mm	200 mm

	height	Ø
FIX525 - 9343160	500 mm	254 mm
FIX825 - 9343161	800 mm	254 mm

QUAD

Column with token machine with magnetic and dimensional control of the tokens.
The column is equipped with drawer with key for the collection of tokens.
Quad is ideal for the management of traffic flow in the parking lots of shopping centers, supermarkets, service station.



Power supply	**12/24 Vac/dc**
Protection level	**IP54**
Tray capacity	**1500 coins**
Post finishing	**cataphoresis with powder coating**
Front plate	**AISI304 stainless steel**

QUAD	9764055	12/24 Vac/dc token device

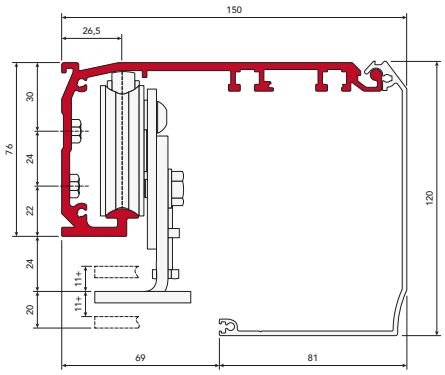
ACCESSORIES:

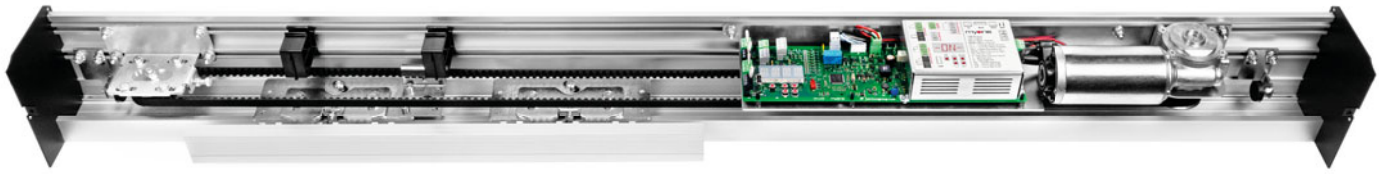
J100	9781050	Set of 100 tokens

LUCE LIGHT

24VDC

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





	Leaves	Leaves weight	Opening width	Profile lenght
LUCEL4201F	1	150 kg	2000 mm	4200 mm
LUCEL4202F	2	80+80 kg	2000 mm	4200 mm
LUCEL6501F	1	150 kg	3100 mm	6500 mm
LUCEL6502F	2	80+80 kg	3100 mm	6500 mm

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**

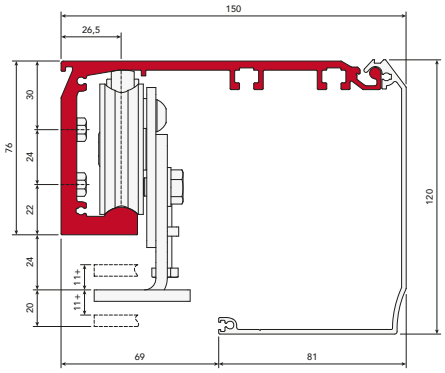
TO COMPLETE THE KIT:

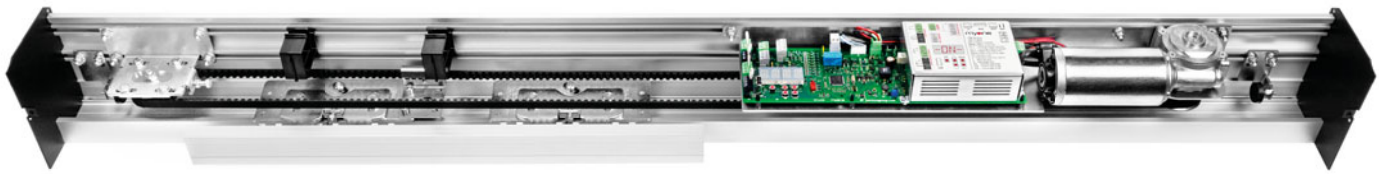
31RD0001	Opening and safety autotest sensor - EN16005 - DIN 18650 – IP54
AQA	Digital programmer and/or selector with LCD screen
31SR0010	Key-operated rotary selector for sliding door
99BA0003	Emergency battery kit with wiring and bracket

LUCE HEAVY

24VDC

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





	Leaves	Leaves weight	Opening width	Profile lenght
LUCEH4201F	1	200 kg	2000 mm	4200 mm
LUCEH4202F	2	130+130 kg	2000 mm	4200 mm
LUCEH6501F	1	200 kg	3100 mm	6500 mm
LUCEH6502F	2	130+130 kg	3100 mm	6500 mm

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**

TO COMPLETE THE KIT:

31RD0001	Opening and safety autotest sensor - EN16005 - DIN 18650 – IP54
AQA	Digital programmer and/or selector with LCD screen
31SR0010	Key-operated rotary selector for sliding door
99BA0003	Emergency battery kit with wiring and bracket

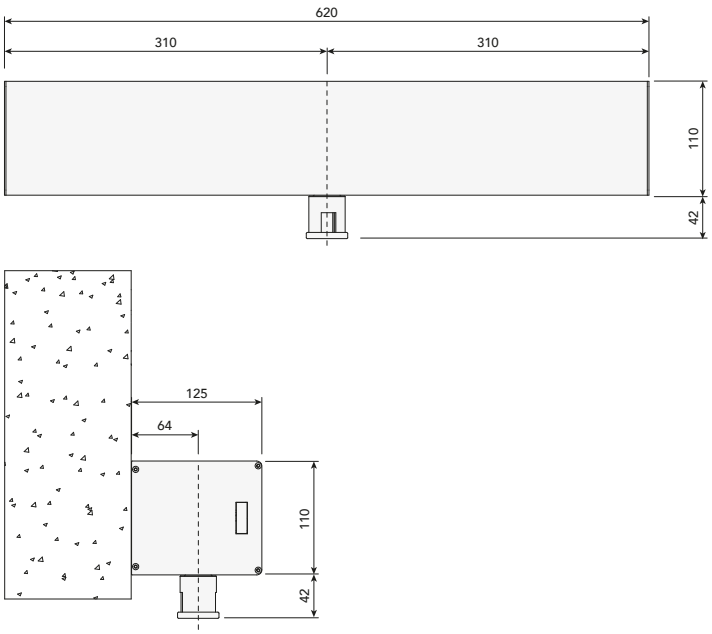
ARIA

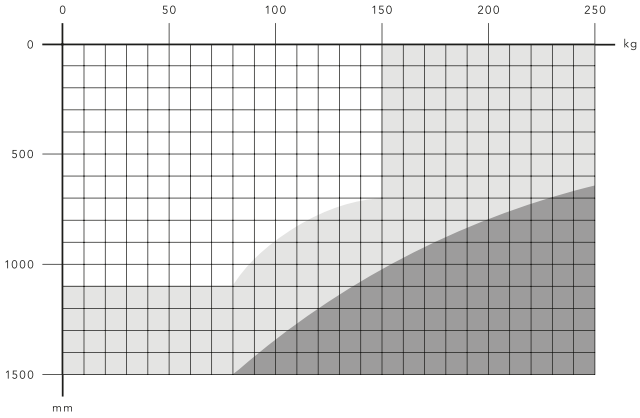
24VDC

myone

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

up to 250 kg





Power consumption	**70 W**
Maximum torque	**45 Nm**
Accessories power supply	**24 Vdc = / 1 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**

ARIA Swing Out Configuration

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

ARIA Swing In Configuration

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

TO COMPLETE THE KIT:

31RD0001	Opening and safety autotest sensor - EN16005 - DIN 18650 – IP54
31RM0002	Bidirectional microwave sensor – IP54
31RS0001	Swing door safety sensor (silver colour) - IP54 - L = 350 mm
AQA	Digital programmer and/or selector with LCD screen
31SR0011	Rotary selector for swing door
99BA0004	Pre-wired emergency battery kit

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.

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.

1A721-00

Cisa Electric Surface Mount Gate Lock - no release button - Requires 12V AC 3 Amp power supply.

Innovative locking system | With a rotary hook deadbolt | Pull resistance of up to 2000 kg | Excellent vibration resistance and impact strength.

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 metalidrate and lead batteries.

BATT BU 1.3

1.3 Ah 12 Vdc Battery.

BATT BU 2.1

2.1 Ah 12 Vdc Battery.

DIGITAL KEYPAD

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.

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.

BE.REC

9673028

24 Vac/dc 2 channels decoder for IRI.KPAD-C. Operating mode: bistable or time. It is possible to connect up to 4 keypads. Relay output max 500 mA Memory capability up to 254 codes.

TOKEY

9764006

Surface mounting key selector.

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.

LAMPY

953401668

Yellow full range flashing light (12÷255 VAC/DC), with built-in antenna.

PHOTOCELLS AND SAFETY DEVICES

PUPILLA

9409001

Pair of photocells adjustable to 180°. Possibility to synchronise up to 4 pairs, 22÷30 Vac or 20÷28 Vdc power supply. Range 20-25 m. Easy adjustment through a LED that signals optimal alignment.

PUPILLA.T

940901763

Pair of photocells adjustable to three positions. 14÷30 Vac or 12÷30 Vdc Vdc power supply. Range 20-25 m. Easy adjustment through a LED that signals optimal alignment.

FT25B

12-24V AC/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°.

COL.P

9230006

Column pair for PUPILLA/.T, equipped with base and cover. H= 0.5 m

LD102

Single channel loop detector with 11 pin base. 12-24V AC/DC. LED indicators for easy diagnostics.

LD202

Dual channel loop detector with 11 pin base. 12-24V AC/DC. LED indicators for easy diagnostics.

RF

9409016

Transmitter device for safety edges with a non rechargeable battery, guaranteed duration 2 years.

SC.RF

9409014

12/24 Vdc receiver with self-test function and 2 output relays.

SC.F15

9270070

Mechanical safety edge, 1.5 m long.

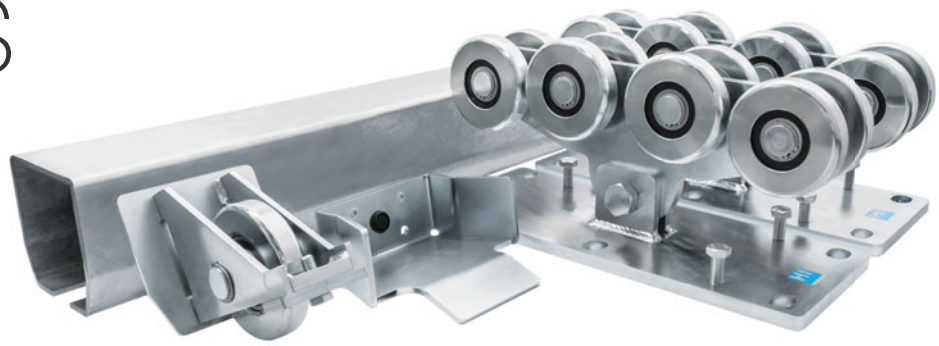
SC.F20

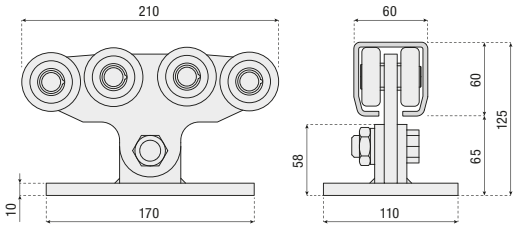
9270071

Mechanical safety edge, 2 m long.

CANTILEVER SLIDING GATES

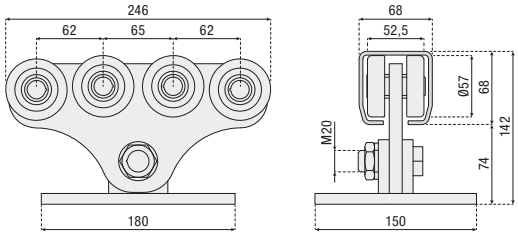
Consult the online configurator to design your own cantilever sliding gate





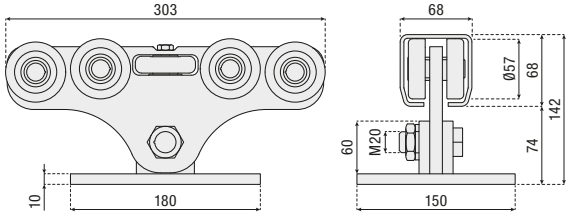
KIT 301.8M

2x 301.8M	Support roller with 8 wheels
1x 323.6	Galvanised guide track, 6 m long, 5.25 kg/m
1x 307.M	Guide roller
1x 310.M	Limit stop



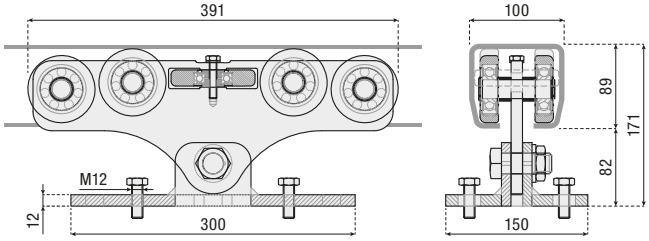
KIT 301.8XM

2x 301.8XM	Support roller with 8 wheels
1x 338.6	Galvanised guide track, 6 m long, 6 kg/m
1x 307.XM	Guide roller
1x 310.M	Limit stop



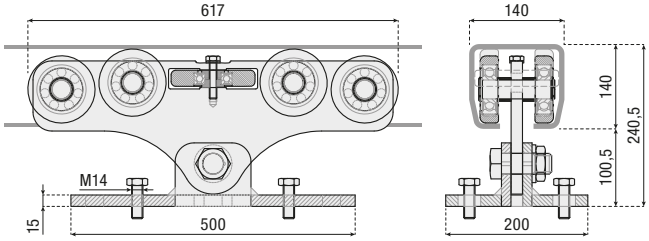
KIT 301.9XM

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 328.6	Galvanised guide track, 6 m long, 11.69 kg/m
1x 307.L	Guide roller
1x 310.L	Limit stop



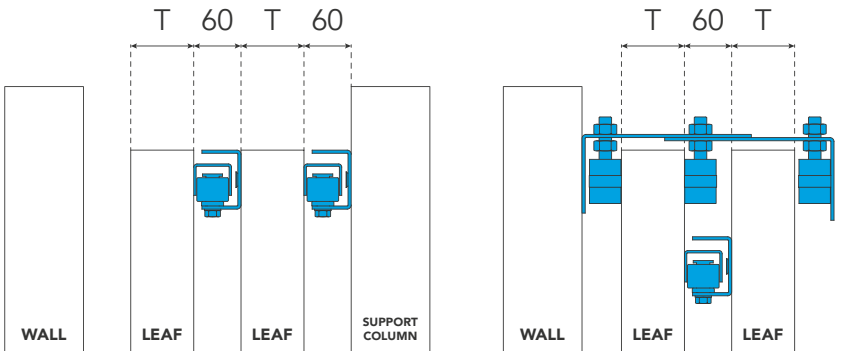
KIT 301.9XL

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

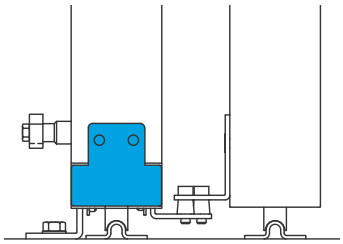
TELESCOPIC SLIDING GATES

Watch the assembly instruction video

HI MOTIONS OPENING SOLUTIONS



BOTTOM MOUNTING

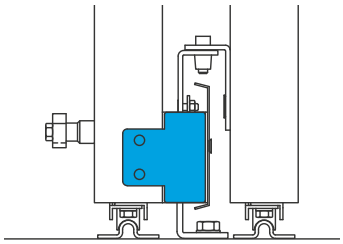


The pulley box is positioned under the gate. The cable running underneath the lower part allows eliminating the aesthetic impact, also thanks to the side guards (281.11). This type of assembly allows installing more than two leaves. Sliding wheels should be min 120 mm diameter. Gate section to be min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

280.B34 - kit bottom mounting 4+4 m

1x 281.12	Lower covers (pair of) 38x20x1.5 L2M ZNB
1x 282.401	Fixed pulley box D4
1x 282.411	Mobile pulley box D4
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 284.401	Galvanised anti-twist cable ø 4 mm 7x19 (10 m)

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.S34 - kit side mounting 4+4 m

1x 281.22	Side covers (pair of) 105x1.5 L2000 ZNB
1x 282.401	Fixed pulley box D4
1x 282.411	Mobile pulley box D4
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 284.401	Galvanised anti-twist cable ø 4 mm 7x19 (10 m)

	**104.100**	Ø 98 mm galvanised wheel with bolt, half-round groove, 2 bearings
	**104.120**	Ø 118 mm galvanised wheel with bolt, half-round groove, 2 bearings
	**104.140**	Ø 138 mm galvanised wheel with bolt, half-round groove, 2 bearings
	**104.160**	Ø 158 mm galvanised wheel with bolt, half-round groove, 2 bearings
	**104.200**	Ø 198 mm galvanised wheel with bolt, half-round groove, 2 bearings
	**112.80**	Ø 78 mm galvanised wheel with internal support, half-round groove, 1 bearing
	**112.90**	Ø 88 mm galvanised wheel with internal support, half-round groove, 1 bearing
	**113.100**	Ø 98 mm galvanised wheel with internal support, half-round groove, 2 bearings
	**113.120**	Ø 118 mm galvanised wheel with internal support, half-round groove, 2 bearings
	**113.140**	Ø 138 mm galvanised wheel with internal support, half-round groove, 2 bearings
	**132.100**	Ø 98 mm galvanised overhead gate wheel with half-round groove, 1 bearing
	**187.3**	Track to be fixed for gates and doors, 3 m long, with half-round groove
	**187.6**	Track to be fixed for gates and doors, 6 m long, with half-round groove
	**199.1**	Hydraulic radial brake, M4 Z16, maximum torque 7 Nm

	**212.0**	Adjustable guide bracket to be fixed, 2 rollers
	**220.3**	Ø 40 mm white nylon guide roller, with pin
	**221.1**	Ø 35 mm white nylon guide roller, with spacer washer
	**221.2**	Ø 42 mm white nylon guide roller, with spacer washer
	**221.3**	Ø 52 mm white nylon guide roller, with spacer washer
	**222.1**	Ø 25 mm black nylon guide roller, with pin
	**222.2**	Ø 30 mm black nylon guide roller, with pin
	**222.3**	Ø 40 mm black nylon guide roller, with pin
	**223.1**	Ø 36 mm black nylon guide roller, with spacer washer
	**225.03**	Ø 50 mm rubber guide roller NBR SH80
	**225.06**	Ø 50 mm rubber guide roller NBR SH80
	**225.12**	Ø 50 mm rubber guide roller NBR SH80
	**226.03**	Ø 51 mm white nylon guide roller
	**226.06**	Ø 51 mm white nylon guide roller

	**226.12**	Ø 50 mm white nylon guide roller
	**241.1**	Door stop to be welded
	**241.2**	Door stop to be welded
	**242.1**	Door stop with fixing plate
	**242.2**	Door stop with fixing plate
	**243.2**	Door stop with shaped fixing plate
	**244.4**	Door stop with adjustable rubber pad
	**245.3**	Shock absorber with spring and fixing plate
	**250.2**	Safety limit stop to be welded
	**250.3**	Safety limit stop to be welded
	**250.4**	Safety limit stop to be welded
	**269.2**	Adjustable limit stop
	**284.401**	Ø 4 mm galvanised anti-twist cable 7x19
	**284.501**	Ø 5 mm galvanised anti-twist cable 7x19
	**284.503**	Ø 5 mm stainless steel anti-twist cable, 7x19
	**301.16XXL**	Support roller with 16 wheels, XXL series
	**301.8M**	Support roller with 8 wheels, M series
	**301.8XM**	Support roller with 8 wheels, XM series
	**301.9L**	Support roller with 9 wheels, L series
	**301.9XL**	Support roller with 9 wheels, XL series
	**301.9XM**	Support roller with 9 wheels, XM series
	**307.L**	Guide roller, L series
	**307.M**	Guide roller, M series
	**307.XL**	Guide roller, XL series
	**307.XM**	Guide roller, XM series
	**307.XXL**	Guide roller, XXL series
	**309.L**	Cap for track, L series
	**309.M**	Cap for track, M series

	**309.XL**	Cap for track, XL series
	**309.XM**	Cap for track, XM series
	**309.XXL**	Cap for track, XXL series
	**310.L**	Limit stop, L series
	**310.M**	Limit stop, M and XM series
	**310.XL**	Limit stop, XL series
	**310.XXL**	Limit stop, XXL series
	**311.L**	Support to be fixed for 310.L limit stop
	**311.M**	Support to be fixed for 310.M limit stop
	**311.XL**	Support to be fixed for 310.XL limit stop
	**323.3**	Galvanised guide track for M series, 3 m long, 5.25 kg/m
	**323.6**	Galvanised guide track for M series, 6 m long, 5.25 kg/m
	**328.120**	Galvanised guide track for L series, 12 m long, 11.69 kg/m
	**328.3**	Galvanised guide track for L series, 3 m long, 11.69 kg/m
	**328.6**	Galvanised guide track for L series, 6 m long, 11.69 kg/m
	**333.3**	Galvanised guide track for XL series, 3 m long, 22.05 kg/m
	**333.6**	Galvanised guide track for XL series, 6 m long, 22.05 kg/m
	**334.55**	Black guide track for XXL series, 5.5 m long, 54.5 kg/m
	**338.3**	Galvanised guide track for XM series, 3 m long, 6 kg/m
	**338.6**	Galvanised guide track for XM series, 6 m long, 6 kg/m
	**450.1**	Upper hinge with bearing and bracket to be welded
	**450.2**	Upper hinge with bearing and bracket to be welded
	**450.22**	Upper hinge with bearing and bracket to be welded
	**450.4**	Upper hinge with bearing and bracket to be welded
	**450.42**	Upper hinge with bearing and bracket to be welded
	**451.2**	Upper hinge with bearing and bracket to be fixed
	**451.22**	Upper hinge with bearing and bracket to be fixed
	**451.4**	Upper hinge with bearing and bracket to be fixed

	**451.42**	Upper hinge with bearing and bracket to be fixed
	**455.2**	Lower hinge with bearing, to be welded
	**455.4**	Lower hinge with bearing, to be welded
	**456.2**	Long screw lower hinge with plate to be welded
	**456.4**	Long screw lower hinge with plate to be welded
	**460.4**	Lower hinge with mechanical stops
	**460.5**	Lower hinge with mechanical stops
	**533.1**	Cast iron limit stop with fixing holes
	**533.2**	Cast iron limit stop with fixing holes
	**535.2**	Limit stop to be fixed
	**536.0**	Upper limit stop with fixing plate
	**550.100**	Galvanised square caps with flange, 100x100 mm
	**550.150**	Galvanised square caps with flange, 150x150 mm
	**550.50**	Galvanised square caps with flange, 50x50 mm

	**SC00041**	Stud to be welded
	**SC00051**	Stud to be fixed

MANUAL BARRIER

	**801.11**	Painted steel chassis with boom holder included
	**802.94**	Ø 90 mm aluminium boom, 4 m long
	**802.96**	Ø 90 mm aluminium boom, 6.5 m long
	**803.12**	Foundation plate with set of threaded bars
	**804.11**	Painted steel fixed support
	**804.12**	Painted steel fixed support with locking
	**805.11**	Weight 3 kg with threaded bar (cylindrical shape, 50 mm thick)
	**805.12**	Weight 2.4 kg (cylindrical shape, 50 mm thick)

HARDWIRED RECEIVER

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

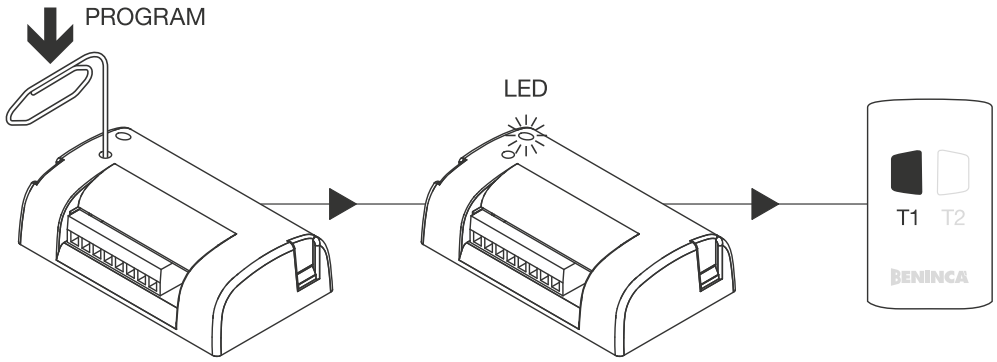
Connect the antenna to the appropriate input using only RG58 cable, then power the device according to the instructions given in the user's manual. The box receivers usually feature two transmission channels (CH1 and CH2), to identify the channel on which you are performing the programming, the LED color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

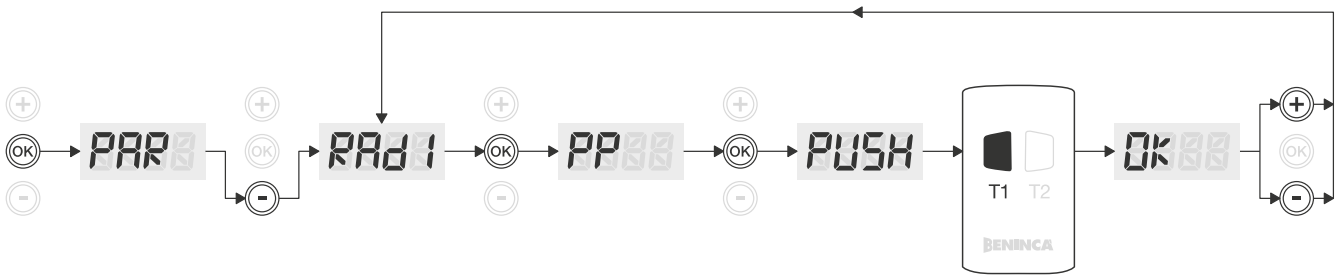


CONTROL UNITS WITH BUILT-IN RADIO RECEIVER AND LCD DISPLAY

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 "RADI" (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.

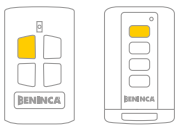
The radio menu also has other functions specific to the type of controller (pedestrian opening, second radio channel, separate open/close); refer to the instructions included with the device.



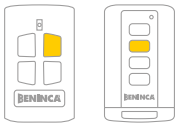
ADDITIONAL CHANNELS

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.

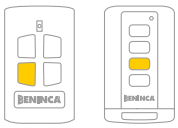
HIDDEN KEY FUNCTION



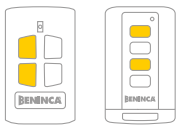
CH1



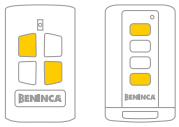
CH2



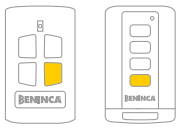
CH3



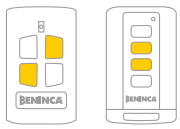
CH5



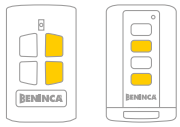
CH6



CH4



CH7

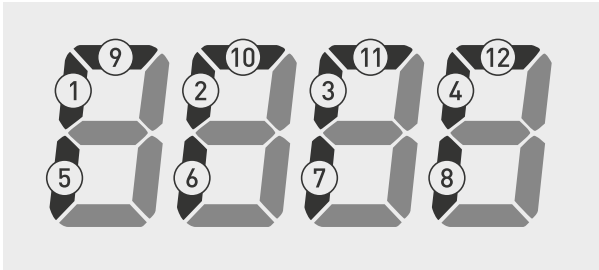


CH8

CH9

DIAGNOSTICS WITH DISPLAY

[BRAINY, BRAINY24+, BRAINY24-SW, HYBRA24, CP.BN, CP.MBY24, THINKY, CP.B24 ANZ, CP.B24 TURBO, CP.BULL8-OM, CP.B1524, CP.BULL OMI, CP.YAK OTI, CP.BULL20-HE, CP.BISON OTI, CP.LADY, CP.EVA]



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+	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
BRAINY24-SW	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
HYBRA24	SWO1	SWC1	SWO2	SWC2	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.BN	---	---	---	---	PHOT	PHOT-C	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.MBY24	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 ANZ	SWO	SWC	---	---	PHOT	PHOT-O	STOP	---	P.P.	PED	---	---
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.B1524	SW Open	SW Close	---	---	PHOTO	PHOTC	STOP	BAR	P.P.	PED	---	---
CP.BULL OMI	SWO	SWC	---	---	PHOTO	PHOTC	STOP	BAR	P.P.	PED	OPEN	CLOSE
CP.YAK OTI	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.BISON OTI	SWO	SWC	PHO3	PHO4	PHOTO	PHOTC	STOP	DAS	P.P.	PED	OPEN	CLOSE
CP.LADY	SW Open	SW Close	---	---	PHOT	---	STOP	---	P.P.	---	OPEN	CLOSE
CP.EVA	SW Open	SW Close	---	---	PHOT	---	STOP	---	P.P.	---	OPEN	CLOSE

	BRAINY	BRAINY24+ | BRAINY24-SW	HYBRA24
Err	---	---	---
Err1	Motor 1 circuit checking error: Check motor 1 connections.	Motor 1 circuit checking error: Check motor 1 connections.	Motor 1 circuit checking error: Check motor 1 connections.
Err2	Motor 2 circuit checking error: Check motor 2 connections.	Motor 2 circuit checking error: Check motor 2 connections.	Motor 2 circuit checking error: Check motor 2 connections.
Err3	Error/fault power circuit: Request technical assistance and eventually replace control unit.	Error/fault power circuit: Request technical assistance and eventually replace control unit.	Error/fault power circuit: Request technical assistance and eventually replace control unit.
Err4	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.
Err5	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.
Err6	Error edge active (during autoset): In autoset phase, the safety edge has intervened.	Error edge active (during autoset): In autoset phase, the safety edge has intervened.	Error edge active (during autoset): In autoset phase, the safety edge has intervened.
Err7	Error active stop (during autoset): In autoset phase, the STOP input has intervened.	Error active stop (during autoset): In autoset phase, the STOP input has intervened.	Error active stop (during autoset): In autoset phase, the STOP input has intervened.
Err8	Error active input (during autoset): In autoset phase a Start/Pedestrian/Open/Close input has intervened.	Error active input (during autoset): In autoset phase a PP/Open/Close input has intervened.	Error active input (during autoset): In autoset phase a PP/Open/Close input has intervened.
Enc1	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.	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.	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.
Enc2	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.	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.	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.
ANP	---	---	---
ANP1	Obstacle error motor 1/anti-crushing: Check the presence of obstacles on the motor 1 leaf stroke.	Obstacle error motor 1/anti-crushing: Check the presence of obstacles on the motor 1 leaf stroke.	Obstacle error motor 1/anti-crushing: Check the presence of obstacles on the motor 1 leaf stroke.
ANP2	Obstacle error motor 2/anti-crushing: Check the presence of obstacles on the motor 2 leaf stroke.	Obstacle error motor 2/anti-crushing: Check the presence of obstacles on the motor 2 leaf stroke.	Obstacle error motor 2/anti-crushing: Check the presence of obstacles on the motor 2 leaf stroke.
thrn	---	Motor thermal protection intervention: Wait for motor cooling, in case reset does not take place, motor replacement may be necessary.	---
thn1	---	---	Motor 1 thermal protection intervention: Wait for motor M1 cooling, in case reset does not take place, motor replacement may be necessary.
thn2	---	---	Motor 2 thermal protection intervention: Wait for motor M2 cooling, in case reset does not take place, motor replacement may be necessary.
con1	---	---	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.
con2	---	---	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.
bAr	---	---	Activating BAR input: BAR input has detected an obstacle.

CP.BN	CP.MBY24	THINKY	CP.B24 ANZ
Error in autoset phase, or storage of remote controls.	---	---	Error, radiotransmitter self-adjustment or self-learning: If the error occurs during self-learning, check the STOP/PHOTO/PP/CLOSE inputs or whether frictions occur during the door leaf stoke. If the error occurs during self-learning of the radio-transmitters, this means that the memory of the receiver is no longer able to receive other transmitters or the transmitter is not compatible.
---	Motor 1 circuit checking error: Check motor 1 connections.	Motor Error: Check the connections and the correct operation of the motor.	Motor Error: Check the connections and the correct operation of the motor.
---	Motor 2 circuit checking error: Check motor 2 connections.	Error, check photocells: Check connections and the correct operation of photocells.	Error, check photocells: Check connections and the correct operation of photocells.
---	Error/fault power circuit: Request technical assistance and eventually replace control unit.	Encoder Error: Check the connections and the correct operation of the Encoder.	---
---	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.	DAS input error in Autoset phase.	---
---	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.	---	Encoder Error: Check the connections and the correct operation of the Encoder.
---	Error edge active (during autoset): In autoset phase, the safety edge has intervened.	---	---
---	Error active stop (during autoset): In autoset phase, the STOP input has intervened.	---	---
---	Error active input (during autoset): In autoset phase a PP/Open/Close input has intervened.	---	---
---	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.	---	---
---	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.	---	---
---	---	---	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. Act on the PMO/PMC parameter, if required.
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Motor thermal protection intervention: Wait for motor cooling, in case reset does not take place, motor replacement may be necessary.	Motor thermal protection intervention: Wait for motor cooling, in case reset does not take place, motor replacement may be necessary.	---	Motor thermal protection intervention: Wait for motor cooling, in case reset does not take place, motor replacement may be necessary.
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	CP.B24 TURBO	CP.BULL8-OM	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	Motor Error: Check the connections and the correct operation of the motor.	Motor: Technical assistance is required.	Error active stop (during autoset): In autoset phase, the STOP input has intervened.
Err2	Error, check photocells: Check connections and the correct operation of photocells.	---	Photocell checking error: Check connections, PHOTO/PHOTC photocell alignment or presence of obstacles.
Err3	---	---	---
Err4	SENSOR input error during Autoset.	PHOTA photocell checking error: Check connections, PHOT A photocell alignment or presence of obstacles.	Error edge active (during autoset): In autoset phase, the safety edge has intervened.
Err5	PHOT closing error.	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.	Error, phototest: Check the operation and correct connection of the photocells.
Err6	SENSOR error during Autoset.	---	---
Err7	STOP input error during Autoset.	---	---
Err8	Inputs activation (START/OPEN/CLOSE) error during Autoset.	---	---
Enc	---	Error, encoder: Error to connection or faulty encoder.	---
AMP	Amperometric sensor intervention: Verify the presence of obstacles or friction points.	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.
thrM	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.	---
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.	---
EcoM	---	---	---
F00 F15	---	---	---
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. Cary 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) >> tSMo / tSMc (increase) >> SLdo / SLdc (decrease) >> FSto / FStc (decrease)

CP.B1524	CP.BULL20-HE	CP.BISON OTI	CP.LADY | CP.EVA
Generic error: Error inserting password or memorizing transmitter (only if TSTM=ON).	---	Error, self-calibration: If the error occurs during self-learning, check the PP/STOP/ PHC/PHO/PED/BAR inputs or whether frictions occur during the door leaf stoke.	Generic error: Error inserting password or memorizing transmitter.
Motor Error: Check the connections and the correct operation of the motor.	Motor: Technical assistance is required.	Error, Inverter/Cover/Safety: It occurs in the following cases: - the SAFETY contact is open. - the COVER contact is open. - the inverter is faulty, contact the technical assistance centre.	Motor Error: Verify the motor wirings, faulty motor or not connected, problem on the control unit.
Error, check photocells: Check connections and the correct operation of photocells.	---	Error, photocells (Autotest): Check that photocells are correctly operating.	Photocells error: Verify connections, photocells alignment and presence of obstacles.
Absolute encoder error: Verify encoder connections, verify the good functioning of the Encoder.	---	Encoder Error: Check the connections and the correct operation of the Encoder.	Absolute encoder error: Verify encoder connections, verify the good functioning of the Encoder.
---	PHOTO photocell checking error: Check connections, PHOT O photocell alignment or presence of obstacles.	Error, sensitive edge: Check connections to sensitive edge.	---
---	PHOTC photocell checking error: Check connections, PHOT C photocell alignment or presence of obstacles.	Error, phototest: Check photocells connections.	---
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---	---	---	---
---	---	---	---
---	Error, encoder: Error to connection or faulty encoder.	---	Encoder: Encoder threshold intervention.
Amperometric sensor intervention: Verify the presence of obstacles or friction points.	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.	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 boom stroke.
---	---	---	Thermal sensor intervention: Overheating due to a too intensive use, wait the restoring.
---	---	---	Overload: Exceeding of the maximum power. Verify the motor and presence of friction points.
---	---	Error, inverter communication: Check connections to 485 serial between control unit and inverter.	---
---	---	Inverter, error/alarm: Take note of the error number and contact the technical assistance.	---
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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 BENINCA' 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 BENINCA' 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.beninca.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.

BENINCÀ®
TECHNOLOGY TO OPEN

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