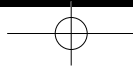
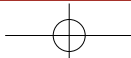
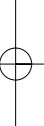
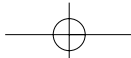


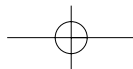
BENINCA[®]
TECHNOLOGY TO OPEN



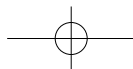
CATALOGUE 2005

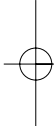
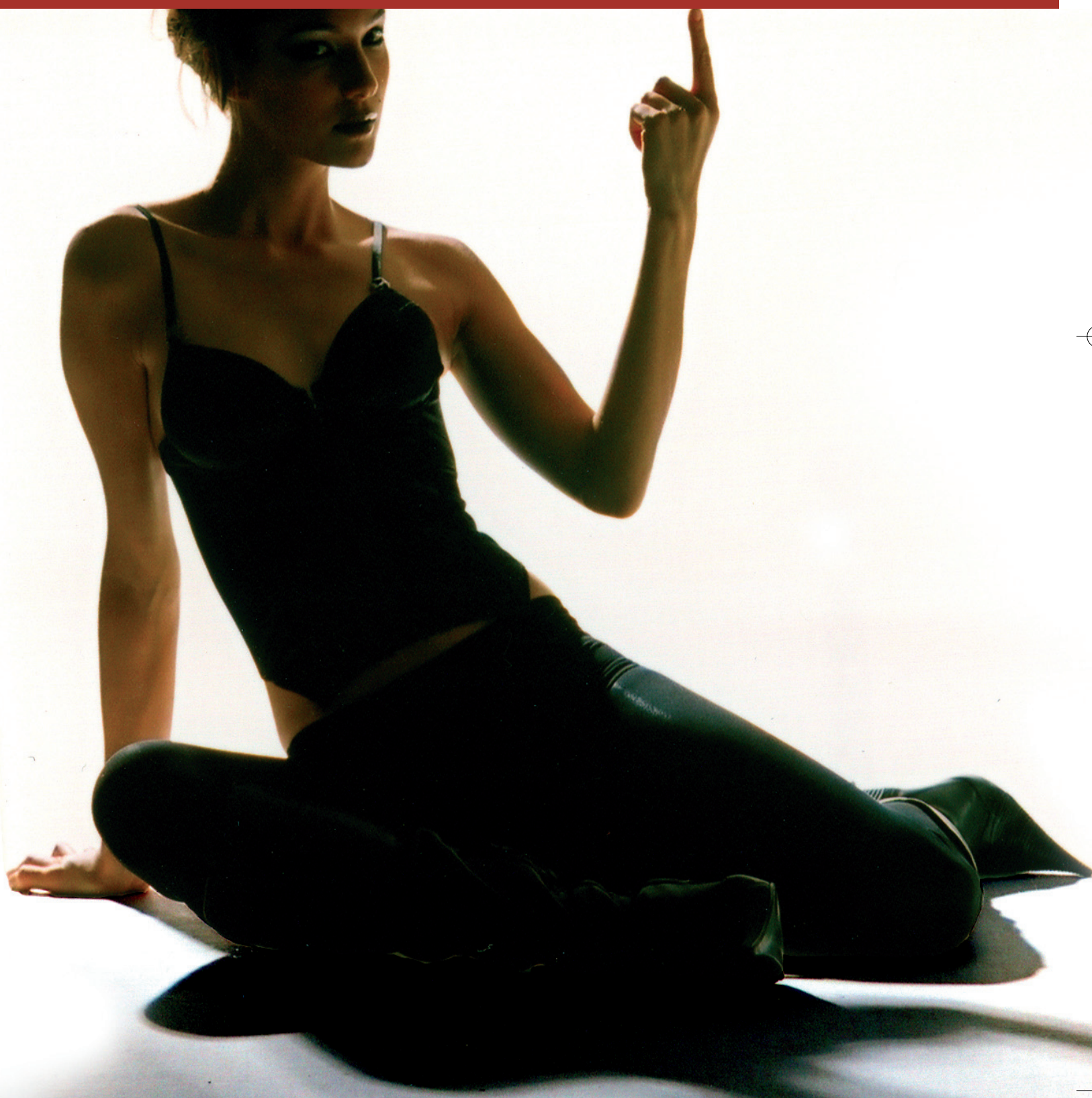
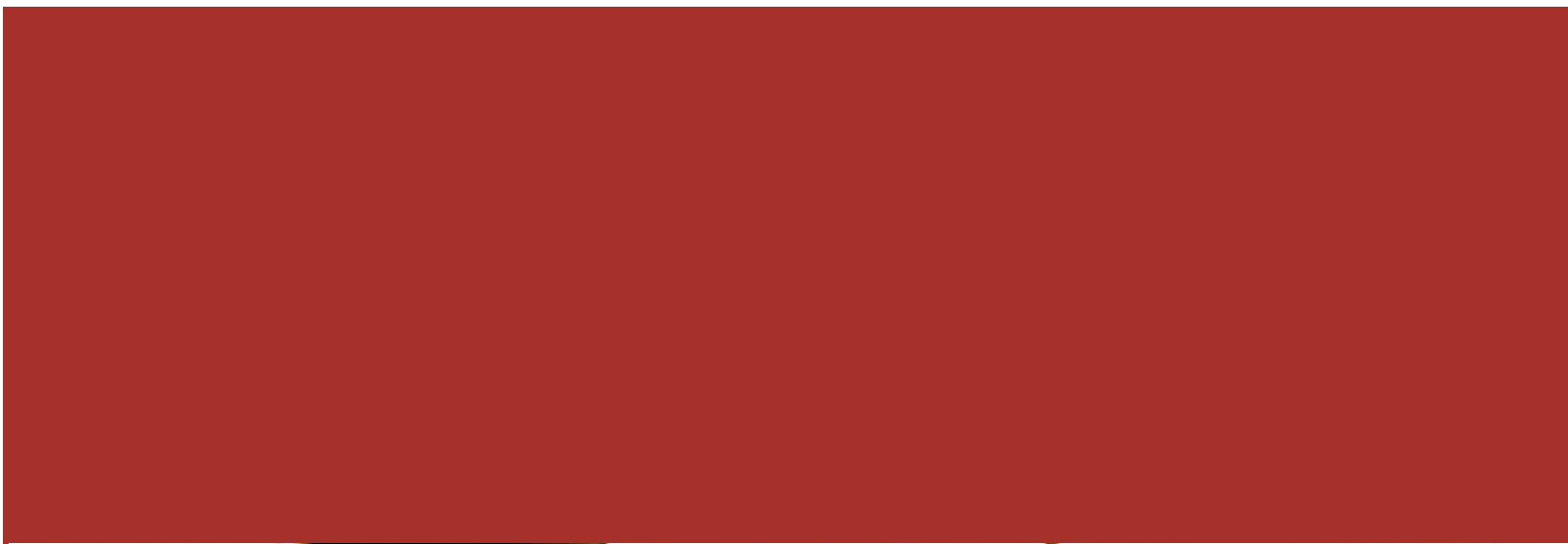
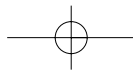


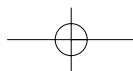




CATALOGUE 2005







7 good reasons to choose and install Benincà's gate automation systems

1. quality

Design, choice of the materials and of the components, assembly, installation and maintenance: these are the principles for Benincà which have been acknowledged and granted in terms of functional quality.

2. safety

All the mechanical and electronic systems employed comply with the European regulations in force ensuring the maximum safety of use.

3. warranty

The Company guarantees the 2 years warranty on the sold products. A professional and widespread network of Specialized Benincà Centres takes care of direct maintenance and assistance over the installation.

4. reliability

The products solidity and the attention to any installing problem distinguish the style of the Benincà trademark: warranty of reliability, seriousness and durability in time.

5. precision

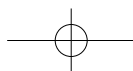
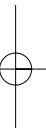
30 years of experience as specialists are important to improve the products, to develop the training of our technicians and installers, to guarantee precision and reliability to all professional and residential gates.

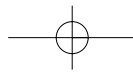
6. innovation

Benincà, a trademark with a constant eye on market evolutions, constantly offers advanced solutions both in terms of aesthetics and functionality but always with an eye to concreteness and reliability.

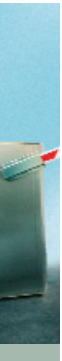
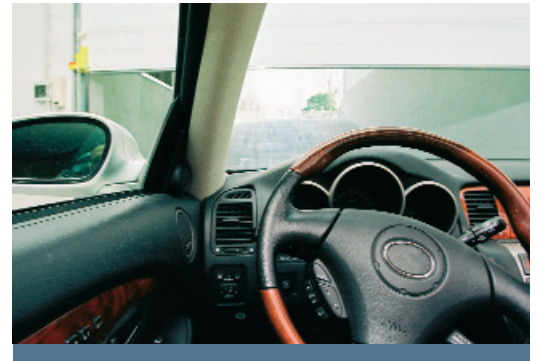
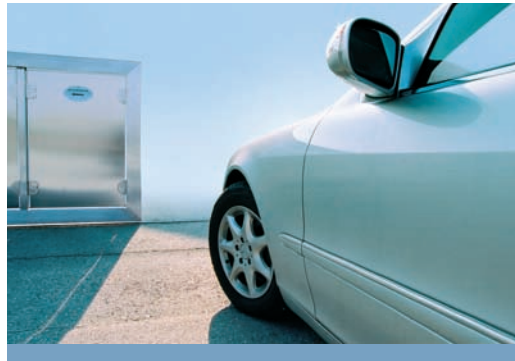
7. design

Aesthetic and design are today very important assumptions for any project and Benincà products, always combined with the function of use and installation; in this way the formal value of the products comes out more efficient and concrete.





A COMPLETE RANGE OF AUTOMATIONS



AUTOMATIONS FOR **swinging gates**



SURFACE mounting

- BOB **page 10**
- DU.35 **page 12**
- DU.30 **page 14**
- MBE **page 16**
- DU.45E **page 18**



UNDERGROUND installation

- DU.IT14N **page 20**
- DU.350 **page 22**

AUTOMATIONS FOR **sliding gates**



RESIDENTIAL use

- MS4 **page 26**
- RI.6E **page 28**



INDUSTRIAL use

- RI.10KI **page 30**
- RI.15M **page 32**

AUTOMATIONS FOR **garage & industrial doors**



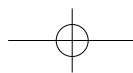
RESIDENTIAL use

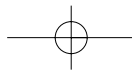
- ZED **page 36**
- AU.96 **page 38**
- KEN **page 40**



INDUSTRIAL use

- VN.S20 **page 42**
- VN.M20 **page 43**
- VN.45E **page 46**





S

al



road barriers



- VE.250 page 50
- LADY-BE page 52
- VE.500 page 54
- VE.650 page 56

car park saver



- VE.SOR page 60

ELECTRONIC EQUIPMENTS signals & controls



Control panels

- 230 Vac page 64
- 230/400 Vac, 24 Vdc page 65

Remote controls

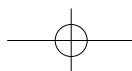
- 433,92 Mhz rolling code page 70
- 433,92 Mhz programmable code page 72
- 30,875 Mhz programmable code page 74
- 306 Mhz programmable code page 76

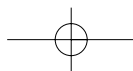
Safety devices

- Photocells, safety edges and accessories page 79

Warning devices and signals

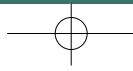
- Flashing lights, key-pads, key selectors, push buttons and accessories page 83

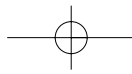




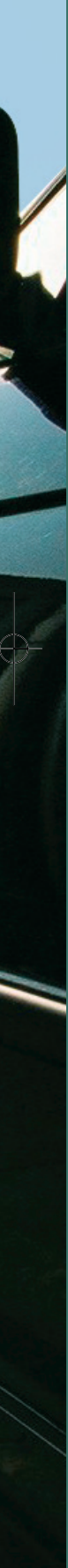
AUTOMATION SYSTEMS FOR

swinging gates



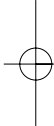
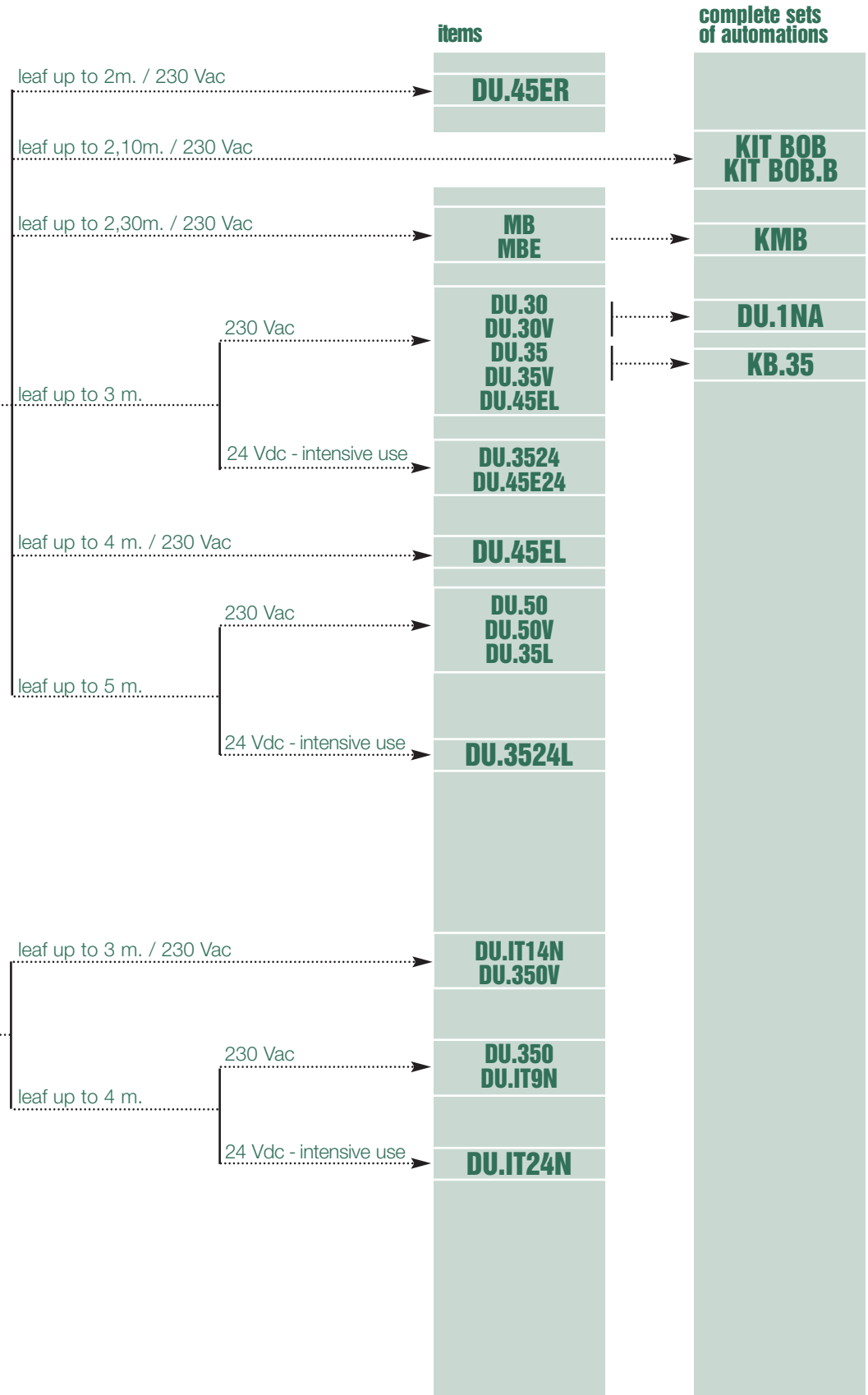


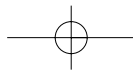
YOUR IDEAL PRODUCT



SURFACE MOUNTING

UNDERGROUND INSTALLATION





BOB

AUTOMATIONS FOR swinging gates up to 2,10 m per leaf

- The new Benincà's self-locking electromechanical operator is reliable and silent
- Reduced dimensions
- Reduction unit manufactured with high quality gears and shafts
- Easy and fast to install thanks to the front articulation and to the two mechanical stops, adjustable both in opening and closing phases
- The new unlock device operating from the top is very fast and easy to use
- Thanks to the spheric-section worm shaft the movement is very smoothly and silent
- Low maintenance required



Surface mounting



Nice design and strong mechanical components.



Easy to install in any mounting conditions.



Unlock device operating from the top, very fast and easy to use.

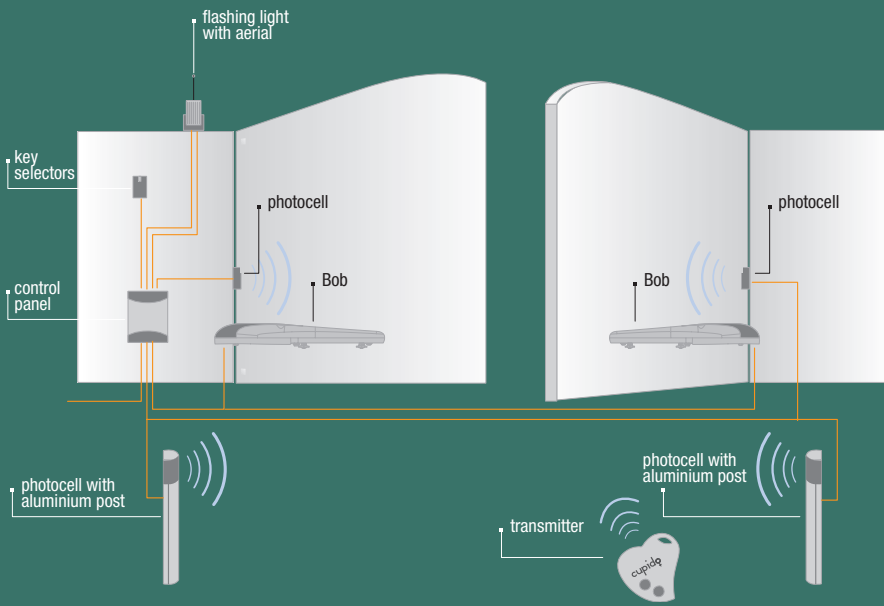
TECHNICAL DATA

BOB

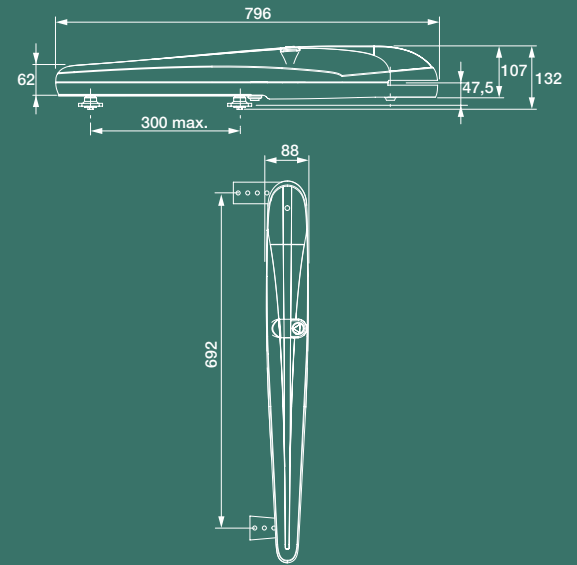
Power supply	230 V (50/60 Hz)
Absorbed Power	230 W
Absorbed current	1 A
Capacitor	9 µF
Thrust	1600 N
Max stroke	300 mm
Mechanical stops	in opening and closing
90° opening time	15" ÷ 20"
Operating cycle	30 %
Leaf max width	2,10 m
Leaf max weight	300 Kg
Protection level	IP 54
Lubrication	grease
Operating time	-20 / +70 °C
Thermal protection	150 °C



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



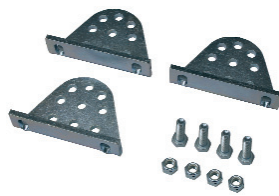
12 V vertical electric lock, supplied with counter plate

BOB.CS



Lock with personalized key and cover for BOB unlock system

BOB.SR



Multiposition brackets for one operator BOB

HEAD



230 V control panel with 433.92 Mhz built-in receiver

BRAIN



230 V control panel with standard and sophisticated features

COMPLETE SETS FOR SWINGING GATES



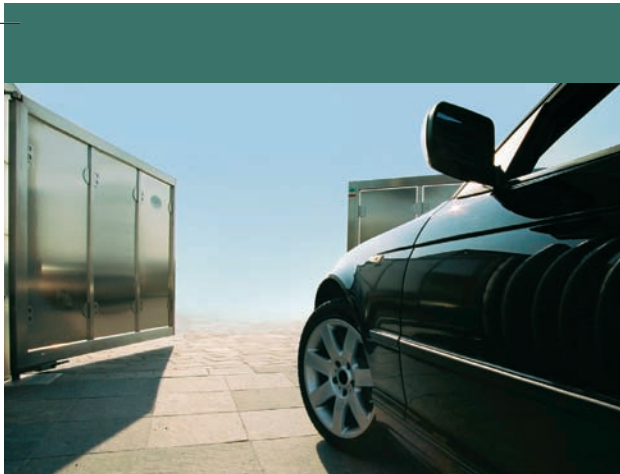
KIT BOB

- 2 BOB Operators
- 1 HEAD Control unit with built-in receiver
- 1 AW Aerial
- 1 FTM Pair of photocells
- 1 LAMP Flashing light
- 1 CH Key selectors
- 1 KE External box for key selectors
- 2 CUPIDO transmitter (1 CU.2NWW + 1 CU.2RWW)
- 1 ID.TA Warning board



KIT BOB.B

- 2 BOB Operators with multiposition brackets
- 1 BRAIN Control unit
- 1 RR.1WIV Plug-in receiver
- 1 AW Aerial
- 1 FTM Pair of photocells
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector;
- 2 CUPIDO transmitter (1 CU.2NWW + 1 CU.2RWW)
- 1 ID.TA Warning board



DU.35

DU.35V / DU.35L
DU.3524 / DU.3524L*
DU.352FC / DU.35L2FC

* for intensive use

- Self-locking electromechanical operator available also at 24 Vdc for intensive use
- Thanks to its design, compact and functional, it is easy to install and it matches with any architectural style
- Equipped with fast unlock device with personalized key
- Really strong warm shaft suitable also for the most critical mounting conditions
- Low maintenance required

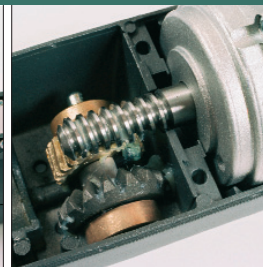
AUTOMATIONS FOR **swinging gates** from 3 to 5 m per leaf



Surface mounting



Fast and easy to install.



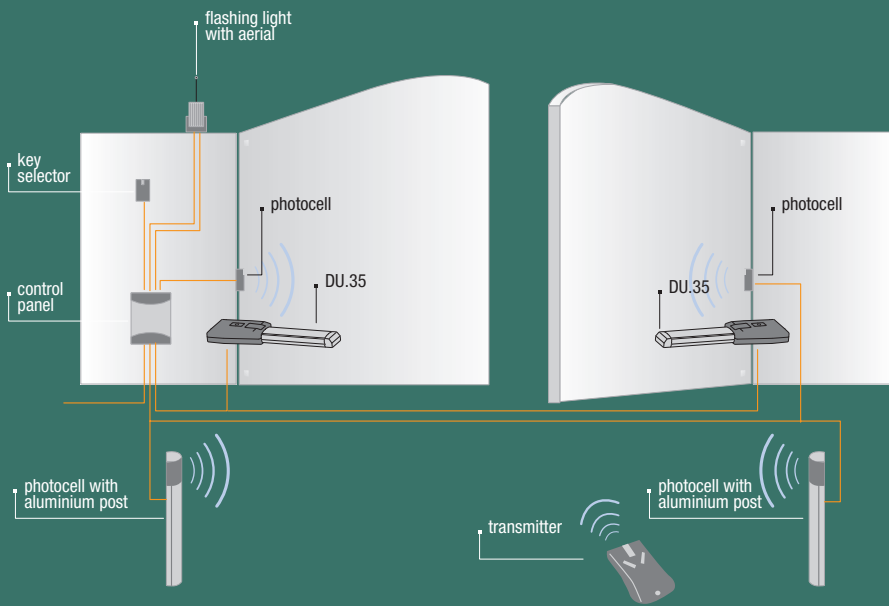
Fast unlock device by means of a personalized key.



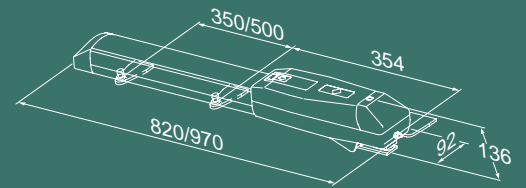
Reliable and silent for a safety automation.

TECHNICAL DATA	DU.35	DU.35V	DU.3524	DU.35L	DU.3524L	DU.352FC	DU.35L2FC
Power supply	230 Vac	230 Vac	24 Vdc	230 Vac	24 Vdc	230 Vac	230 Vac
Absorbed Power	310 W	310 W	120 W	310W	120W	310 W	310 W
Absorbed current	1,4 A	1,4 A	8 A	1,4 A	8 A	1,4 A	1,4 A
Thrust	2000 N	2000 N	2000 N	2000 N	1500 N	2000 N	2000 N
Operating cycle	30 %	40 %	80 %	30 %	80 %	30 %	30 %
Protection level	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
90° opening time	~26"	~16"	8"±13"	~35"	13"±20"	26"	35"
Leaf max width	3 m	3 m	3 m	5 m	5 m	3 m	5 m
Capacitor	9 µF	9 µF	-	9 µF	-	9 µF	9 µF
Lubrication	grease	grease	grease	grease	grease	grease	grease
Limit switches	opening	opening	opening	opening	opening	openign & closing	openign & closing
Standard stroke	350 mm	350 mm	350 mm	500 mm	500 mm	450 mm	450 mm
Weight	10 Kg	10 Kg	10 Kg	11 Kg	Kg 11	10 Kg	11 Kg

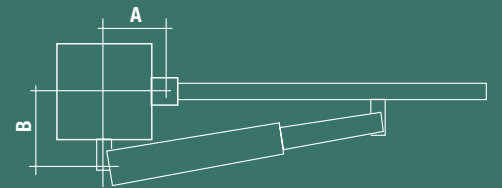
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



MEASURES	A	B
DU.35/3524/352FC	105 ÷ 165	105 ÷ 165
DU.35L/3524L/35L2FC	150 ÷ 230	150 ÷ 230

SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counter plate

DA.BT6 DA.BT2



6Ah 12V DC battery
2.1Ah 12V DC battery

HEAD



230 V control panel with 433.92 receiver

BRAIN



230 V control panel with standard and sophisticated features

DA.24A



24 Vdc control unit

DA.24CB



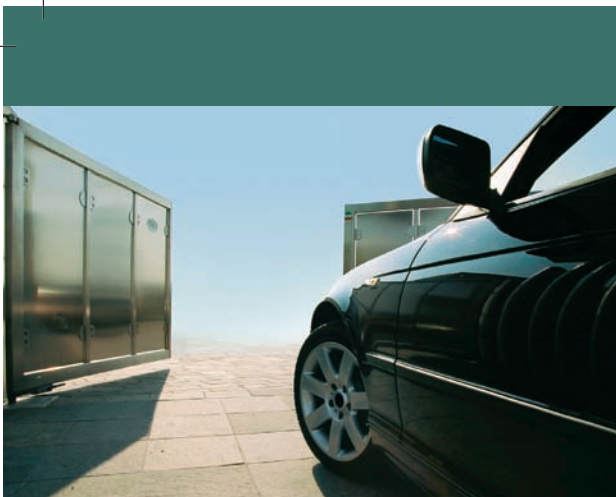
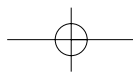
Battery charger card for DA.24A

COMPLETE SET FOR SWINGING GATES



KB.35

- 2 DU.35 Operators
- 1 HEAD Control unit with built-in receiver
- 1 FTM Pair of photocells
- 1 T2W Transmitter
- 1 AW Aerial
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board



DU.30

DU.30V
DU.50
DU.50V

- Self-locking electromechanical operators made of painted aluminium
- Made of hi-quality materials for a strong and safety operator
- Easy electrical wirings and mechanical fitting
- Suitable for sandy and dusty places
- Unlock device with a personalized key
- Right or left side mounting
- Low maintenance required

AUTOMATIONS FOR **swinging gates** from 3 to 5 m per leaf



SURFACE mounting



Thanks to the poliester painted aluminium it is protected against corrosion.



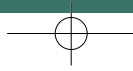
Really strong gears for heavy duty.



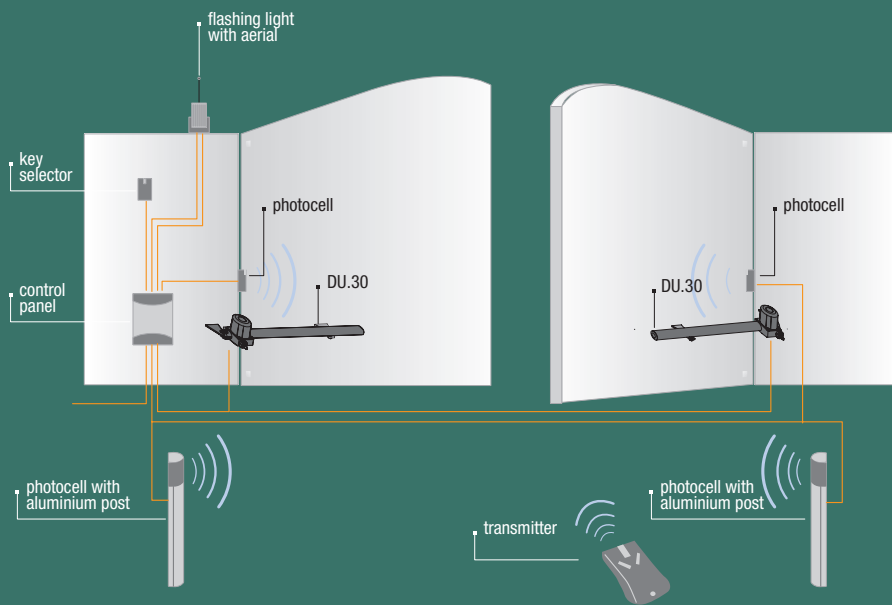
Functional and strong.

TECHNICAL DATA

	DU.30	DU.30V	DU.50	DU.50V
Power supply	230 Vac	230 Vac	230 Vac	230 Vac
Absorbed Power	170 W	170 W	170 W	170 W
Absorbed current	0,85 A	0,85 A	0,85 A	0,85 A
Thrust	1800 N	1800 N	1800 N	1800 N
Operating cycle	30 %	40 %	30 %	40 %
Protection level	IP 54	IP 54	IP 54	IP 54
90° opening time	~21"	~14"	~35"	~20"
Leaf max width	3 m	3 m	5 m	5 m
Capacitor	9 µF	9 µF	9 µF	9 µF
Lubrication	grease	grease	grease	grease
Standard stroke	300 mm	300 mm	500 mm	500 mm
Weight	10 Kg	10 Kg	11 Kg	11 Kg



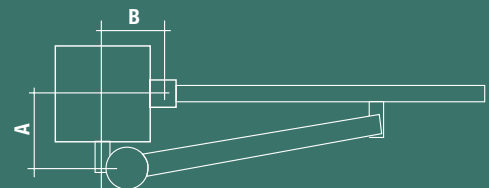
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



MEASURES	A	B
DU.30/V	130 mm	130 mm
DU.50/V	170 mm	170 mm

SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counter plate

HEAD



230 V control panel with 433.92 Mhz built-in receiver

BRAIN



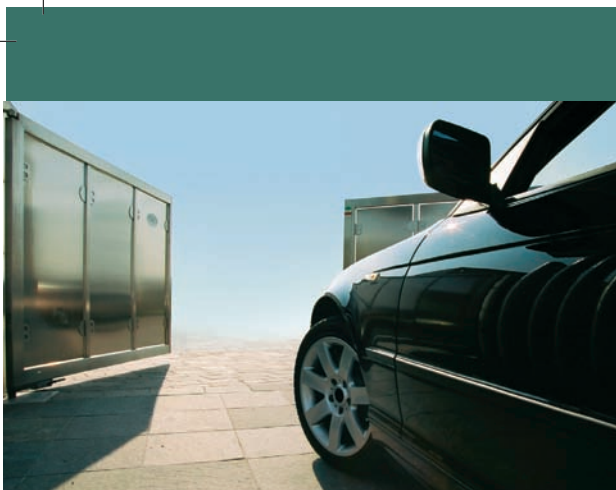
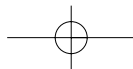
230 V control panel with standard and sophisticated features

COMPLETE SET FOR SWINGING GATES



DU.1NA

- 2 DU.30 Operators
- 1 HEAD Control unit with built-in receiver
- 2 T2WW Transmitters
- 1 AW Aerial
- 1 FTM Pair of photocells
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board



MBE

MB (without control panel and receiver)

- Self locking electromechanical operator
- Suitable for gates installed on large posts
- The mechanical components all made of steel, make the operator very strong
- Equipped with quick unlock device operating by means of a personalized key. Prepared for external unlock device
- Two electric limit switches included
- Low maintenance required

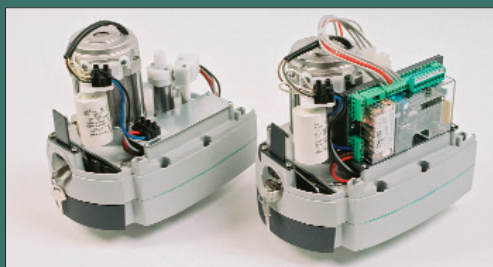
AUTOMATIONS FOR swinging gates

up to 2,3 m per leaf

BC arm not included



SURFACE mounting



Versions with or without control panel.



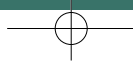
Electromechanical limit switches are included and easy to adjust.

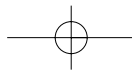


BC strong, anti-shearing articulated arm.

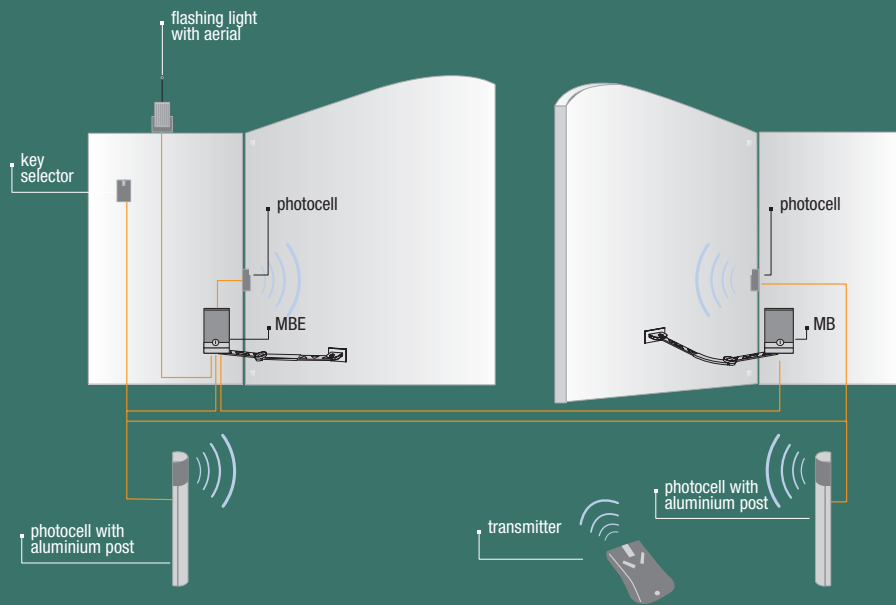
TECHNICAL DATA

	MB	MBE
Power supply	230 Vac	230 Vac
Absorbed power	250 W	250 W
Absorbed current	1,2 A	1,2 A
Torque	180 Nm	180 Nm
Operating cycle	30%	30%
Output r.p.m.	1,25 r.p.m.	1,25 r.p.m.
Leaf opening time (90°)	18"	18"
Leaf max weight	300 Kg	300 Kg
Leaf max width	2,3 m	2,3 m
Capacitor	9 µF	9 µF
Lubrication	grease	grease
Weight	8,3 Kg	10 Kg
Control panel	not included	included

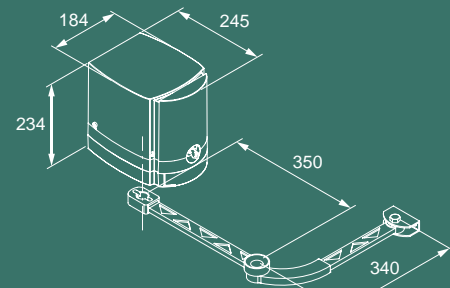




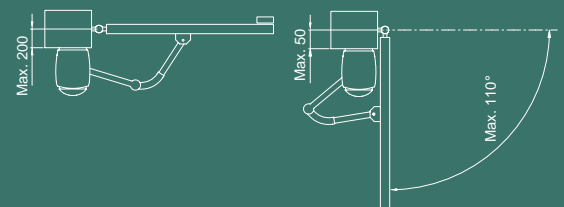
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counterplate

BC



Single arm for MB or MBE

BS



Sliding arm for MB or MBE

DU.MS45



Outdoor unlock device with handle

MB.SE



Armoured key release

HEAD



230 V control panel with 433.92 Mhz built-in receiver

BRAIN



230 V control panel with standard and sophisticated features

MB.CP2



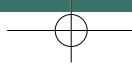
Set of counterplates for two operators, suitable for the installation on columns made of stones

COMPLETE SET FOR SWINGING GATES



KMB

- 1 MBE Operator with control unit and receiver
- 1 MB Operator
- 2 BC articulated arms
- 1 FTM Pair of photocells
- 1 T2WV Transmitter
- 1 AW Aerial
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board





DU.45E

DU.45EL

DU.45ER (reversible)

DU.45E24 (for intensive use)

- Irreversible or reversible electromechanical operators suitable for gates installed on large posts. Available also at 24 Vdc for intensive use.
- DU.E2 strong, articulated, galvanized and anti-shearing arm
- Only one version for right/left hand side installations
- Very strong and reliable mechanical components
- Opening and closing limit switches included and pre-wired
- Low maintenance required

AUTOMATIONS FOR swinging gates

from 2 to 4 m per leaf

DU.E2 arm not included



SURFACE mounting



Easy and fast to install thanks to the few wirings needed.



Many versions are available: reversible, self-locking and with adjustable speed.



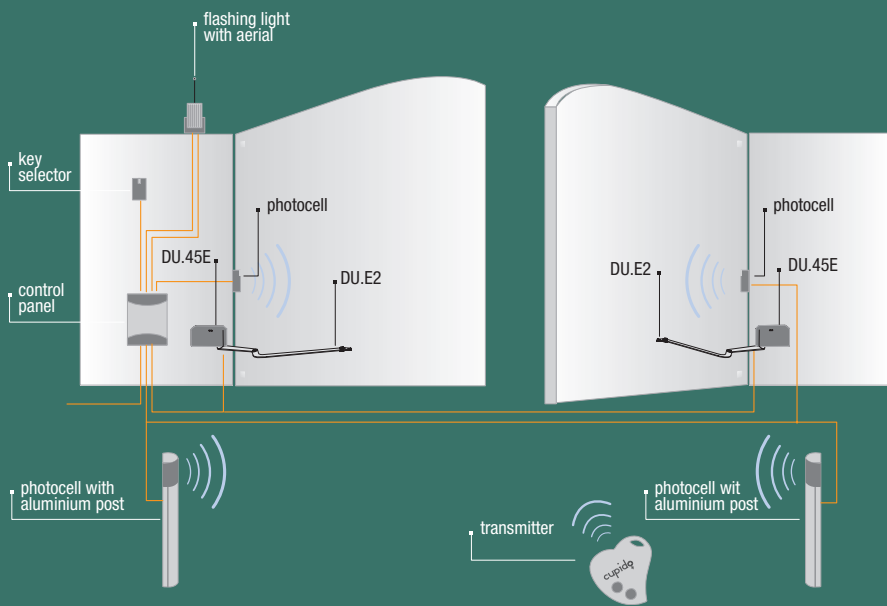
The mechanic components are made all of steel in order to assure a long life of the operator.



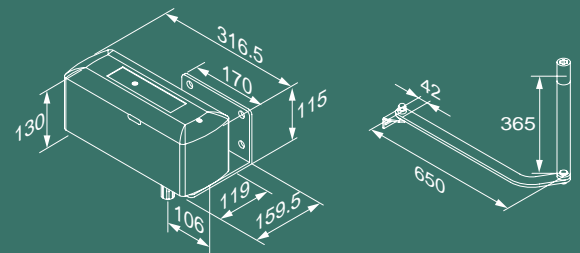
TECHNICAL DATA

	DU.45E	DU.45EL	DU.45ER	DU.45E24
Power supply	230 Vac	230 Vac	230 Vac	24 Vdc
Absorbed Power	170 W	170 W	170 W	120 W
Absorbed current	0,85 A	0,85 A	0,85 A	6 A
Torque	300 Nm	300 Nm	150 Nm	260 Nm
Operating cycle	35 %	30 %	40 %	80 %
Protection level	IP 54	IP 54	IP 54	IP 54
90° operating time	18"	28"	9"	9"÷14"
Leaf max width	3 m	4 m	2 m	2,5 m
Capacitor	9 µF	9 µF	9 µF	-
Lubrication	Grease			
Weight	13 Kg	13 Kg	13 Kg	13 Kg

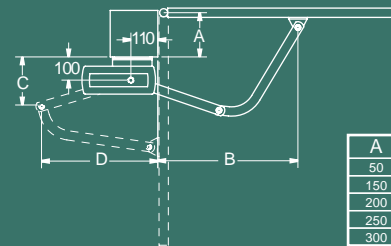
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



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

SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counterplate

DU.MS45



Outdoor unlock device with handle

DU.E2



Articulated arm for DU.45E/ER/E24/EL

HEAD



230 V control panel with built-in 433.92 Mhz receiver

BRAIN



230 V control panel with standard and sophisticated features

DA.24A



24 Vdc Control unit

DA.24CB

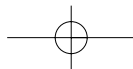


Battery charger card for DA.24A

DA.BT6 DA.BT2



6Ah 12V DC battery
2.1Ah 12V DC battery



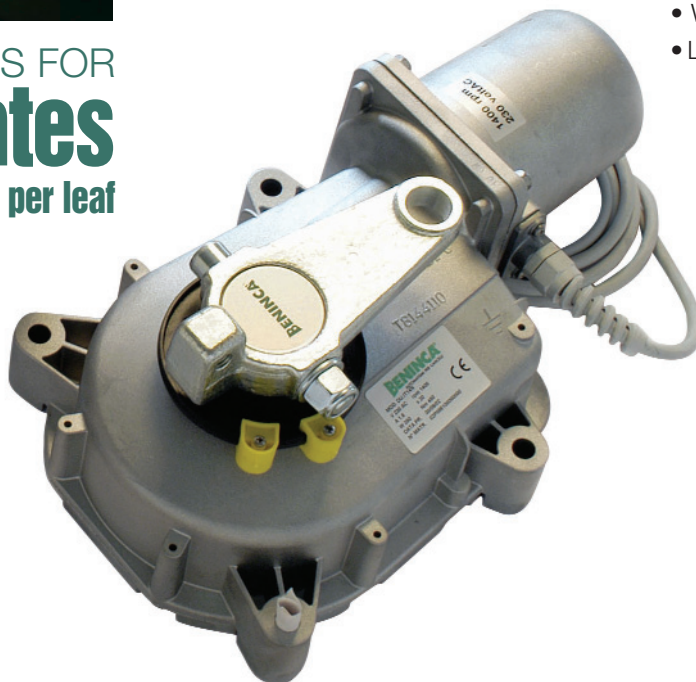
DU.IT14N

DU.IT9N

DU.IT24N (for intensive use)

- Self-locking electromechanical operator available also at 24V for intensive use
- Foundation case made of stainless steel or galvanized steel to assure avoid corrosion
- Patented unlock device, operating from indoor and outdoor sides by means of a personalized key
- The mechanical components are made all of steel in order to assure strength and solidity
- Water proof operators
- Low maintenance required

AUTOMATIONS FOR
swinging gates
from 3 to 4 m per leaf



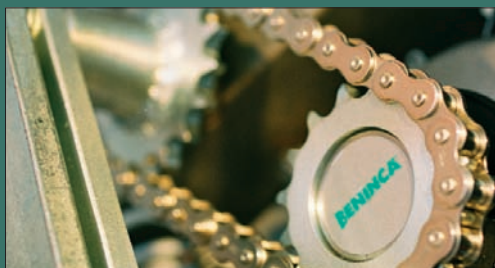
UNDERGROUND installation



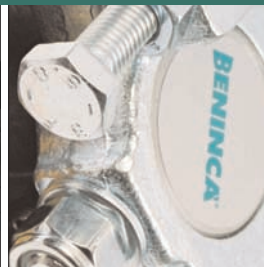
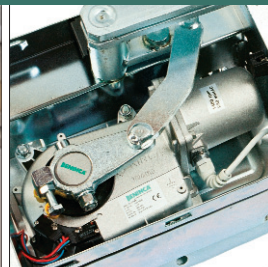
Foundation case made of stainless steel or galvanized steel to assure a long life of the product.



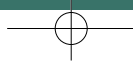
Patented unlock device operating from indoor and outdoor sides by means of a personalized key.



Solidity, strength and reliability of the mechanical components.

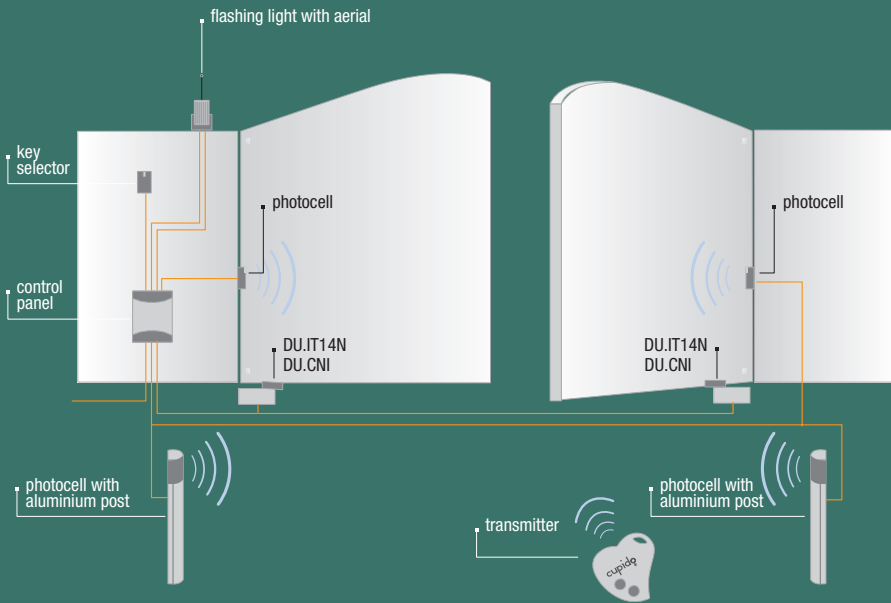


TECHNICAL DATA	DU.IT9N	DU.IT14N	DU.IT24N
Power supply	230 Vac	230 Vac	24 Vdc
Absorbed Power	300 W	350 W	260 W
Absorbed current	1,75 A	1,6 A	11 A
Torque	360 Nm	450 Nm	360 Nm
Operating cycle	40%	50%	80%
Protection level	IP 67	IP 67	IP 67
90° operating time	30"	20"	15"÷23"
Limit switches	not included	not included	included
Leaf max width	4 m	3 m	4 m
Capacitor	9 µF	9 µF	-
Lubrication	Grease	Grease	Grease
Weight	11,6 Kg	11,6 Kg	11,6 Kg

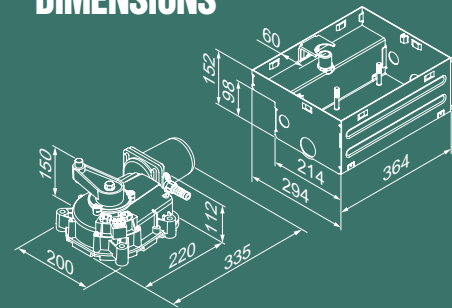




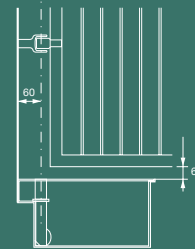
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counterplate

DU.A90



90° mechanical stop

DU.CZS



Galvanized foundation box for DU.IT9N/ 14N/24N op. max 110°

DU.CNI



Stainless steel foundation box for DU.IT 9N/DU.IT14N/DU.IT24N, max 110°

DU.FCN



Water-proof limit switches device for DU.IT9N/14N

DU.IT180N



180° release device, for DU.IT9N/14N/24N

HEAD



230 V control panel with 433,92 Mhz built-in receiver

BRAIN



230 V control panel with standard and sophisticated features

DA.24A



24 VDC control panel

DA.BT6 DA.BT2

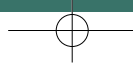


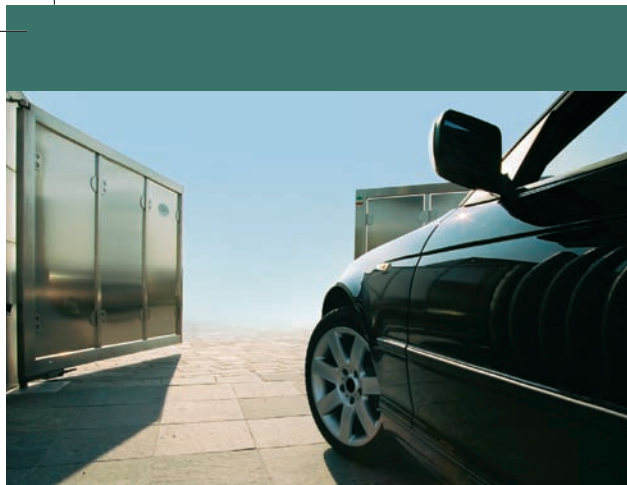
6Ah 12V DC battery
2.1Ah 12V DC battery

DA.24CB



Battery charger card for DA.24A



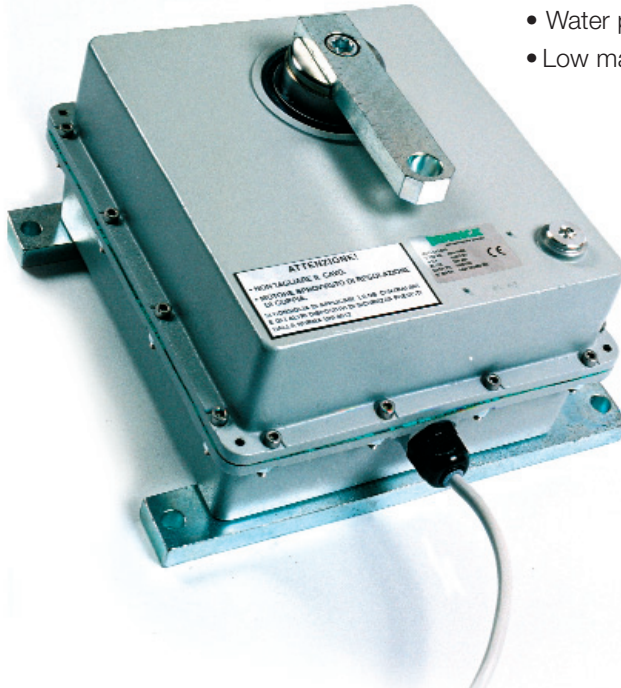


AUTOMATIONS FOR swinging gates from 3 to 4 m per leaf

DU.350

DU.350V

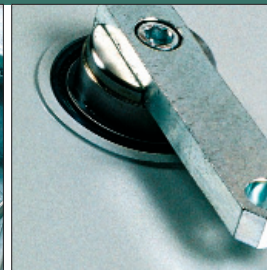
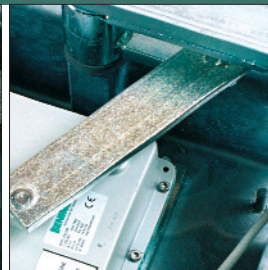
- Self-locking electromechanical operator available in two versions: standard speed or fast speed.
- Mechanical components absolutely strong and reliable.
- Mechanical components and electric motor in oil-bath.
- Suitable for big gates, for sure it is the most powerful and strong of its category.
- Suitable for saline, wet and rainy places.
- Water proof operators
- Low maintenance required



UNDERGROUND installation



Strong and fast indoor and outdoor unlock device.



Available versions: self locking with standard or fast speed.

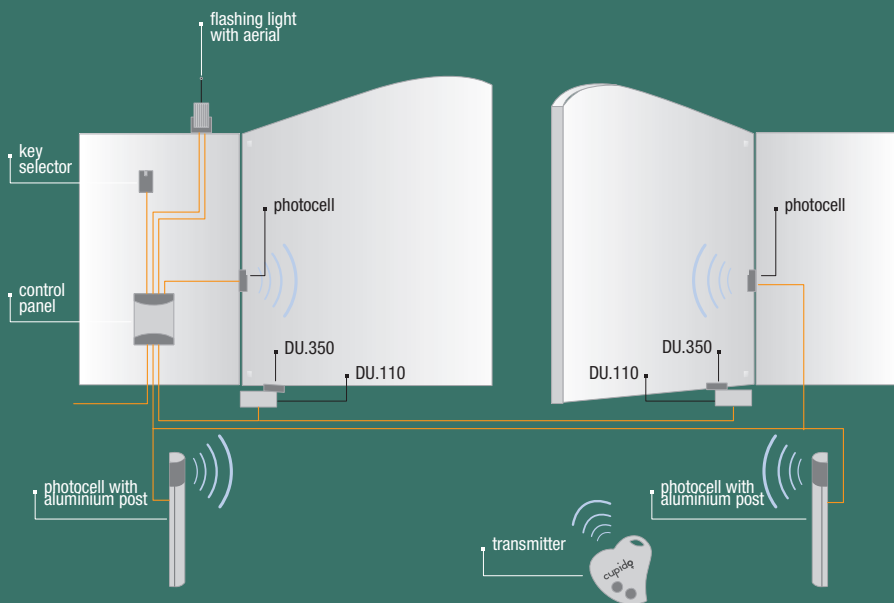


The mechanical components are all made of steel in order to assure a long life of the product.

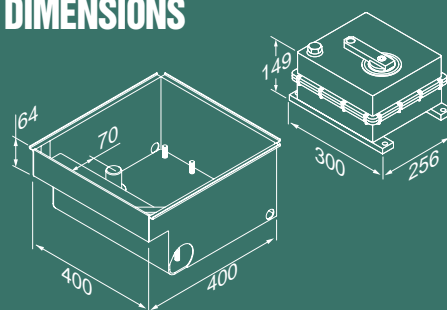
TECHNICAL DATA

	DU.350	DU.350V
Power supply	230 Vac	230 Vac
Absorbed Power	310 W	310 W
Absorbed current	1,40 A	1,40 A
Torque	450 Nm	270 Nm
Operating cycle	40 %	50 %
Protection level	IP 67	IP 67
90° operating time	18"	11"
Leaf max width	4 m	3 m
Capacitor	12,5 µF	12,5 µF
Lubrication	Oil	Oil
Weight	16,2 Kg	16,2 Kg

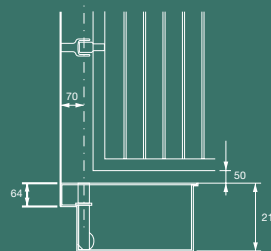
INSTALLATION DRAWING



DIMENSIONS



MAXIMUM MEASURES



SUGGESTED ACCESSORIES

DU.V90



12 V horizontal electric lock, supplied with counterplate

DU.9990



Covering plate for DU.V90

DU.P90



Vertical counterplate for DU.V90

DU.V96



12 V vertical electric lock, supplied with counterplate

DU.180



180° unlock device for DU.350/V

DU.110



Hot galvanized foundation box for DU.350/V, max 110° opening angle

HEAD

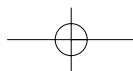


230 V control panel with 433.92 Mhz built-in receiver

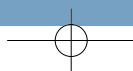
BRAIN

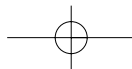


230 V control panel with standard and sophisticated features

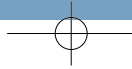
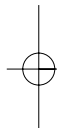
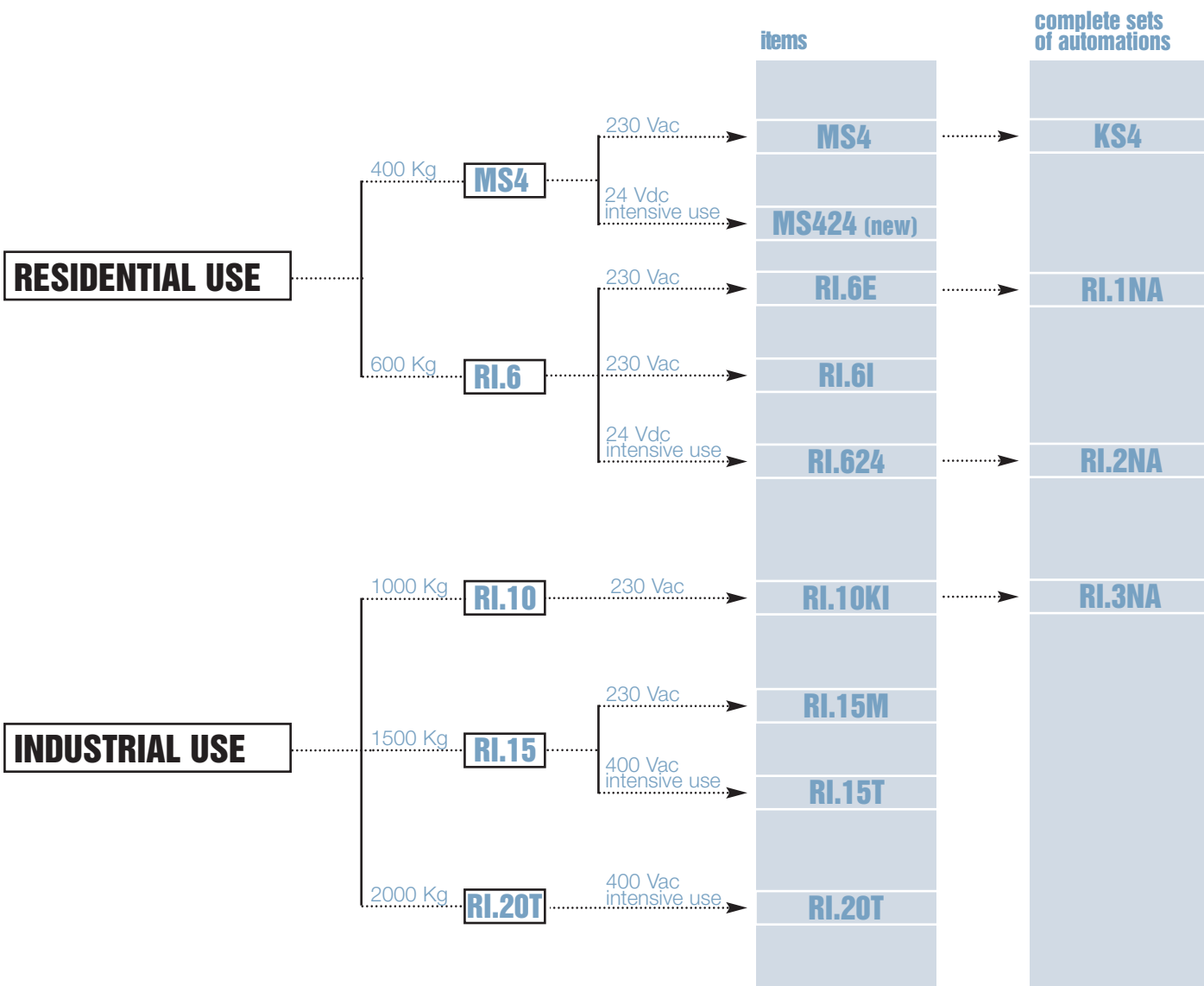


AUTOMATION SYSTEMS FOR sliding gates





YOUR IDEAL PRODUCT





MS4

MS424 (for intensive use)

AUTOMATIONS FOR sliding gates up to 400 kg

- Self locking electromechanical operator suitable for residential use
 - 24 Vdc version available for intensive use.
- Unlock device fast and easy to use
 - Design that matches with any architectural style
- Vertical and horizontal fixing positions adjustable
 - Easy to wire thanks to the pull-out terminals
- Low maintenance required



control panel included



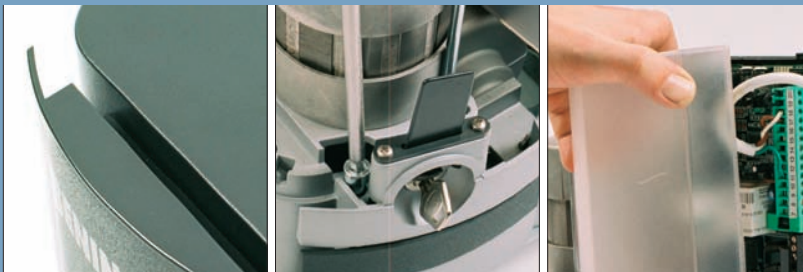
Easy to use unlock device.



Die cast aluminium unlock lever with personalized key.

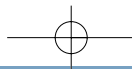


Simple and strong mechanical parts.

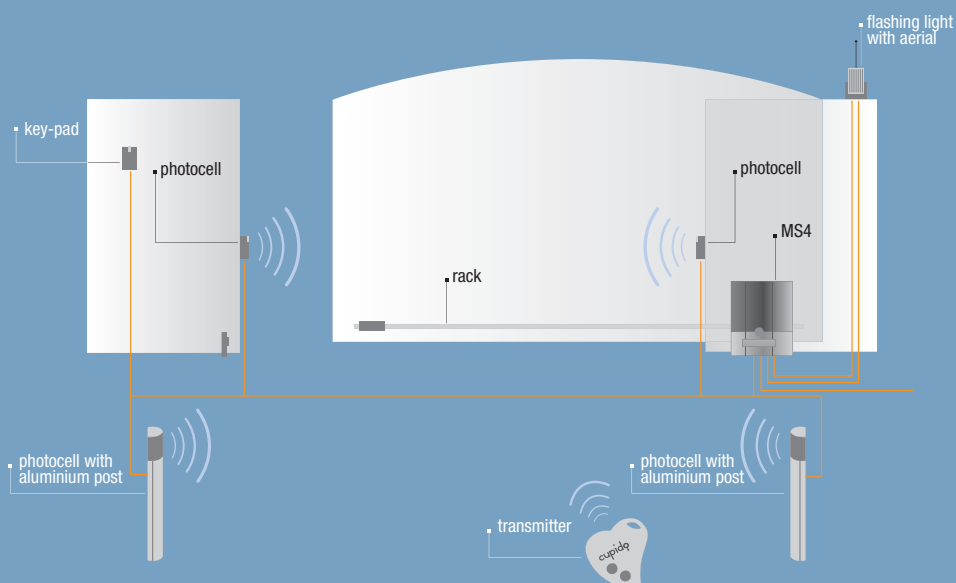


TECHNICAL DATA

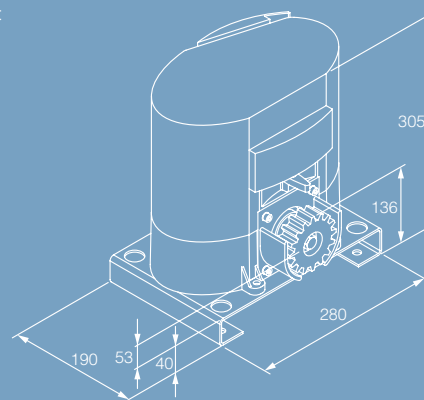
	MS4	MS424
Control panel power supply	230 Vac	230 Vac
Motor power supply	230 Vac	24 Vdc
Absorbed Power	170 W	50 W
Absorbed current	0,85 A	2 A
Torque	25 Nm	25 Nm
Working ratio	30%	80%
IP level	IP 54	IP 54
Insulation class	F	Y
Thermal safety switch	130 °C	-
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Gate max weight	400 Kg	400 Kg
Opening speed	11 m/min	11 m/min
Capacitor	9 µF	-
Lubrication	Grease	Grease
Weight	10 Kg	10 Kg



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

RI.M4P



M4 Nylon rack, provided with slots and screws (28x40x1000 mm)

RI.M4F



M4 galvanized rack with slots and screws (30x12x1000 mm)

RI.M4Z



M4 galvanized rack (22x22x2000 mm)

CB.24V



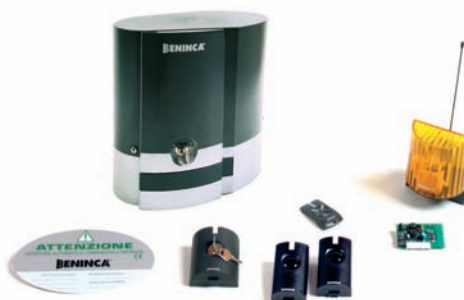
Battery charger card for LADY-BE, LOGICA24, MS424, Zed24

DA.BT6 DA.BT2



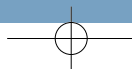
6Ah 12V DC battery
2.1Ah 12V DC battery

COMPLETE SET FOR SLIDING GATES



KS4

- 1 MS4 Operator with control panel
- 1 FTM Pair of photocells
- 1 RR.1WIV Receiver
- 1 T2WV Transmitter
- 1 AW Aerial
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board



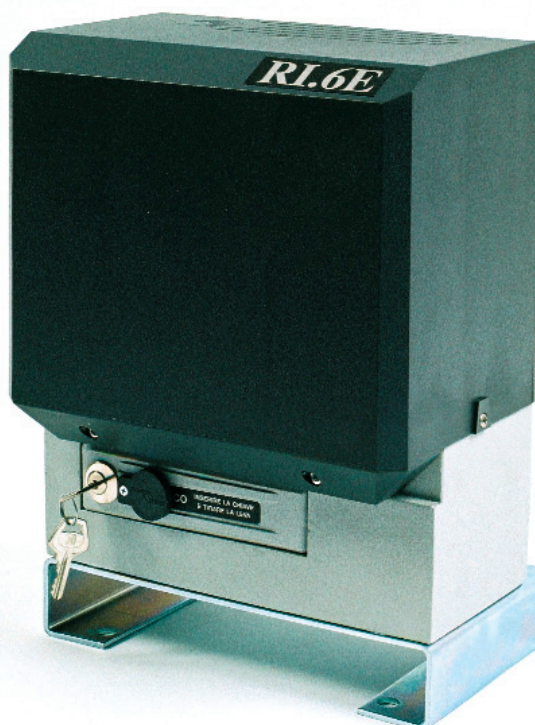


RI.6E

RI.6I
RI.624 (for intensive use)

AUTOMATIONS FOR sliding gates up to 600 kg

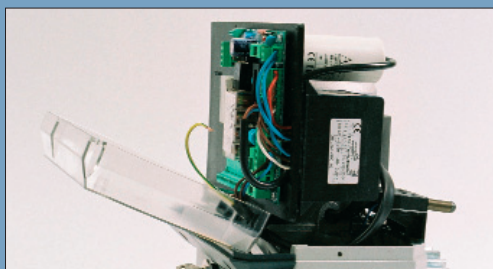
- Self-locking electromechanical operator, suitable for residential use
 - Available also at 24Vdc for intensive use
- The 24Vdc version has got the battery charger circuit integrated into the control panel
- Oil lubrication for a longer life and a higher duty rating
- Low maintenance required



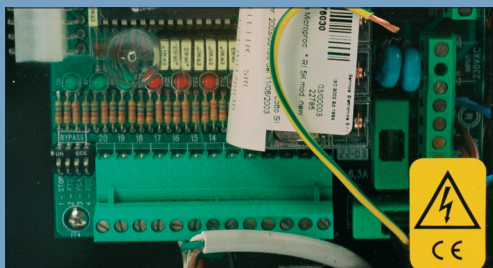
control panel included



The high quality of the raw materials assures a long life of the product and a silent movement.



Opto insulated inputs which avoid undesired interferences.

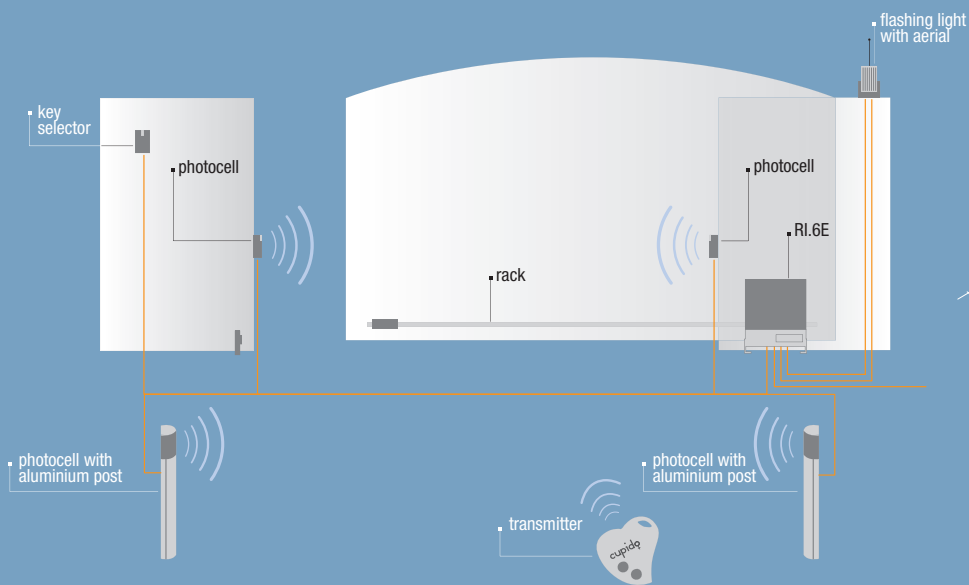


Pull-out terminals in order to make the installation easier and faster.

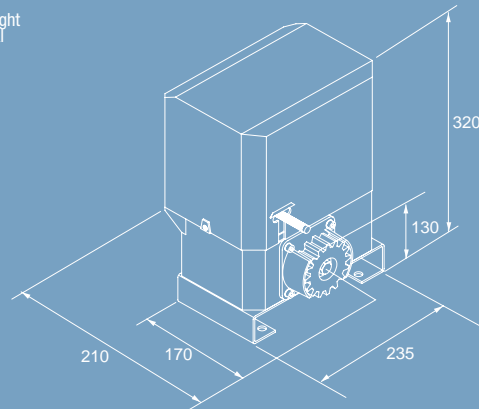


TECHNICAL DATA	RI.6E	RI.6I	RI.624
Power supply	230 Vac	230 Vac	24 Vdc
Absorbed Power	280 W	280 W	170 W
Absorbed Current	1,6 A	1,6 A	6 A
Torque	36 Nm	36 Nm	30 Nm
Operating cycle	40 %	40 %	90 %
Protection level	IP 54	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C	-20 °C/+70 °C
Gate max. weight	600 Kg	600 Kg	600 Kg
Opening speed	8,48 m/min	8,48 m/min	4±11,4 m/min
Encoder	without	with	with
Capacitor	16 µF	16 µF	-
Lubrication		Oil	
Weight	13 Kg	13Kg	13 Kg

INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

DA.BT6 DA.BT2



6Ah 12V DC battery
2.1Ah 12V DC battery

RI.M4P



M4 Nylon rack, provided with slots
and screws (28x40x1000 mm.)

RI.M4F



M4 galvanized steel rack, complete
with slots and screws (30x12x1000
mm.)

RI.M4Z



M4 galvanized steel rack
(22x22x2000 mm.)

COMPLETE SET FOR SLIDING GATES

RI1.NA



- 1 RI.6E Operator with control panel
- 1 FTM Pair of photocells
- 1 RR.1WIV Receiver
- 2 T2WV Transmitter
- 1 AW Aerial
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board

RI2.NA



- 1 RI.624 Operator for intensive use
with control panel and battery re-charger
- 1 FTM Pair of photocells
- 1 RR.1WIV Receiver
- 2 T2WV Transmitter
- 1 AW Aerial
- 1 LAMP24 Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board



RI.10KI

RI.10KE (on demand)

AUTOMATIONS FOR sliding gates up to 1000 kg

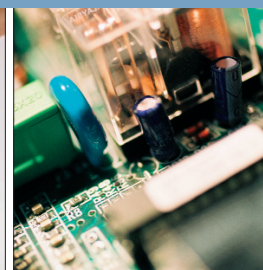
- Self-locking electromechanical operators suitable for residential use
- Self-braking operator with electronic slow-down function
- Vertical and horizontal positions adjustable
- Available also with electric-brake
- Strong and easy to use unlock device with personalized key
 - Low maintenance required



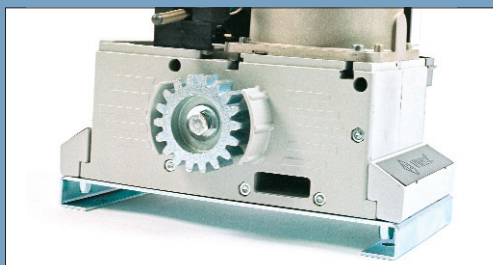
control panel included



Fast and easy to use unlock device with a personalized key.



Available with electric brake for heavy duty.

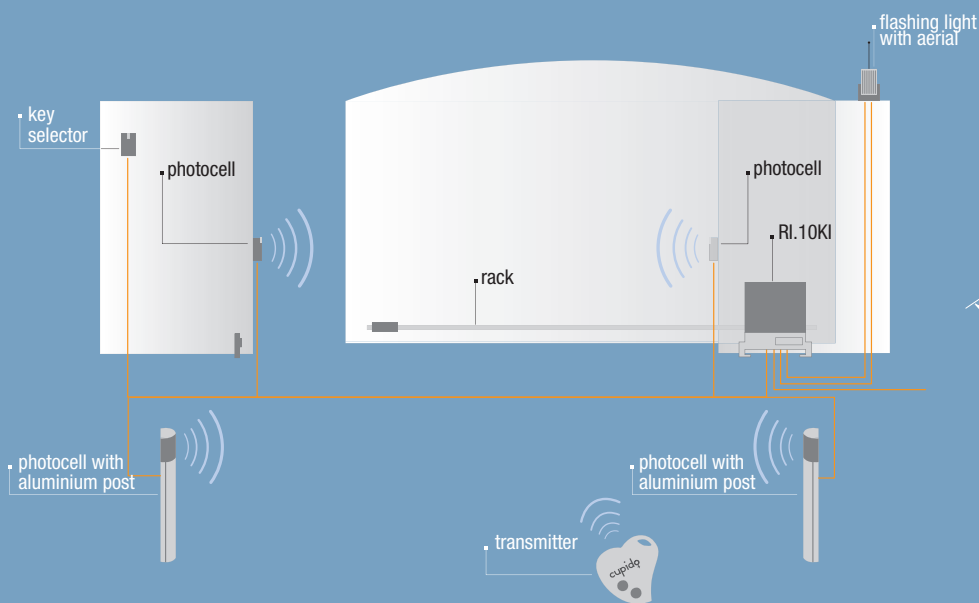


Fast and safe installation in any mounting condition.

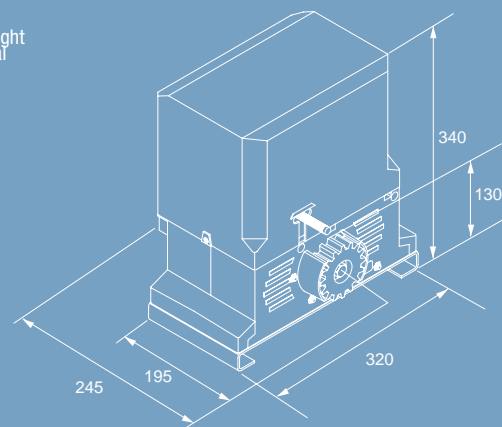
TECHNICAL DATA

	RI.10KI	RI.10KE
Power supply	230 Vac	230 Vac
Absorbed Power	500 W	500 W
Absorbed current	2,5 A	2,5 A
Torque	55 Nm	55 Nm
Operating cycle	35 %	35 %
Protection level	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Gate max. weight	1000 Kg	1000 Kg
Opening speed	10,5 m/min	10,5 m/min
Capacitor	25 µF	25 µF
Lubrication	Grease	Grease
Weight	22 Kg	22,5 Kg
Electric-brake	without	with

INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

RI.M4F



M4 galvanized steel rack, complete with slots and screws (30x12x1000 mm.)

RI.M4Z



M4 galvanized steel rack (22x22x2000 mm.)

RI.EL



Electric brake for RI.10KI

COMPLETE SET FOR SLIDING GATES

RI.3NA



- 1 RI.10KI Operator with control panel
- 1 FTM Pair of photodetectors
- 1 RR.1WIV Receiver
- 2 T2WV Transmitter
- 1 AW Aerial
- 1 LAMP Flashing light
- 1 CH Key selector
- 1 KE External box for key selector
- 1 ID.TA Warning board



RI.15M

RI.15T (for intensive use)

RI.20T (for intensive use)

AUTOMATIONS FOR sliding gates from 1500 kg to 2000 kg

- Self-locking electromechanical operators for industrial use
- Self-ventilated and self-braking operators
- Steel and brass gears for a long life of the reduction unit and for a silent movement
- Equipped with electric brake for the automation of gates with a lot of inertia
 - Oil lubrication for a longer life and a higher duty rating
 - Low maintenance required



with separate control panel



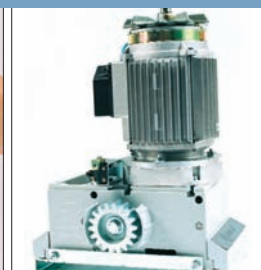
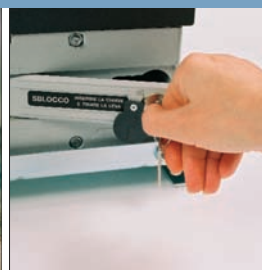
Design, research and a careful selection of materials and components to get a reliable, strong and durable automation.



Self-ventilated and self-braking automation to get a higher duty rating.

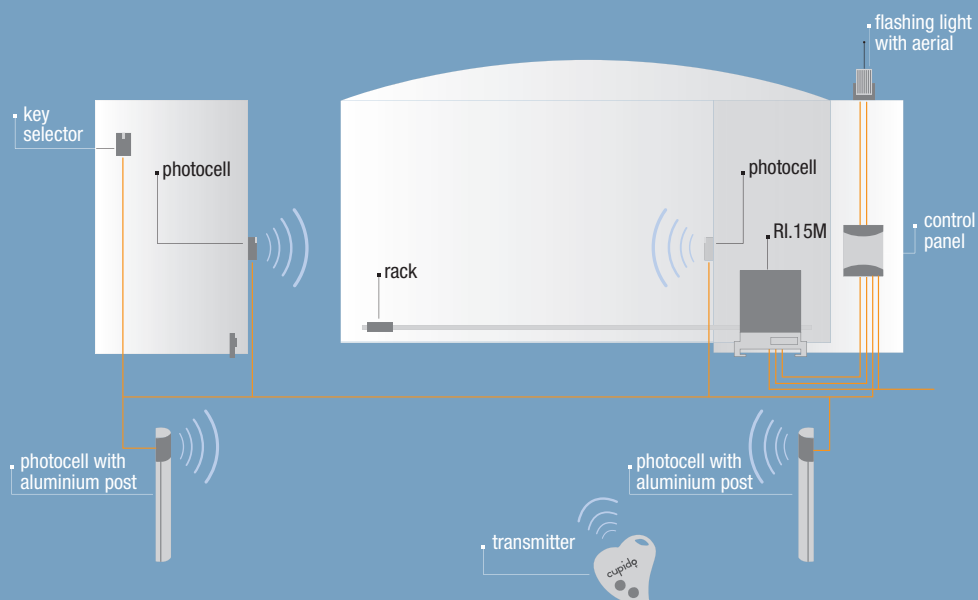


Easiness of installation thanks to the handy and protected external fixing way.

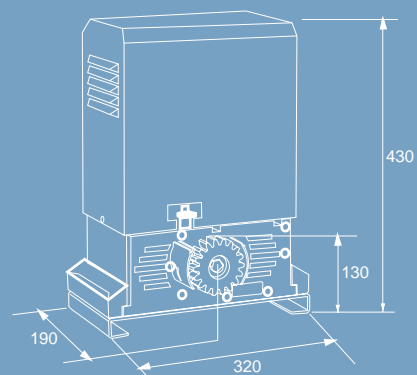


TECHNICAL DATA	RI.15M	RI.15T	RI.20T
Power supply	230 Vac	400 Vac	400 Vac
Absorbed Power	500 W	500 W	750 W
Absorbed current	2,5 A	1,4 A	2,5 A
Torque	55 Nm	55 Nm	80 Nm
Operating cycle	40%	60%	60%
Protection level	IP 54	IP 54	IP 54
Operating temp.	-20 °C/+70 °C		
Gate max. weight	1500 Kg	1500 Kg	2000 Kg
Opening speed	10,5 m/min	10,5 m/min	10,5 m/min
Capacitor	25 µF	-	-
Lubrication	Oil		
Weight	26 Kg	26 Kg	28 Kg

INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

RI.M4F



M4 galvanized steel rack, complete with slots and screws (30x12x1000 mm.)

RI.M4Z



M4 galvanized steel rack for RI.15M and RI.15T (22x22x2000 mm)

RI.M6Z

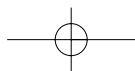


M6 galvanized steel rack for RI.20T (30x30x2000 mm)

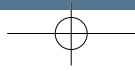
DA.C15

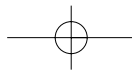


230/400 Vac control unit for RI.15M / 15T / 20T



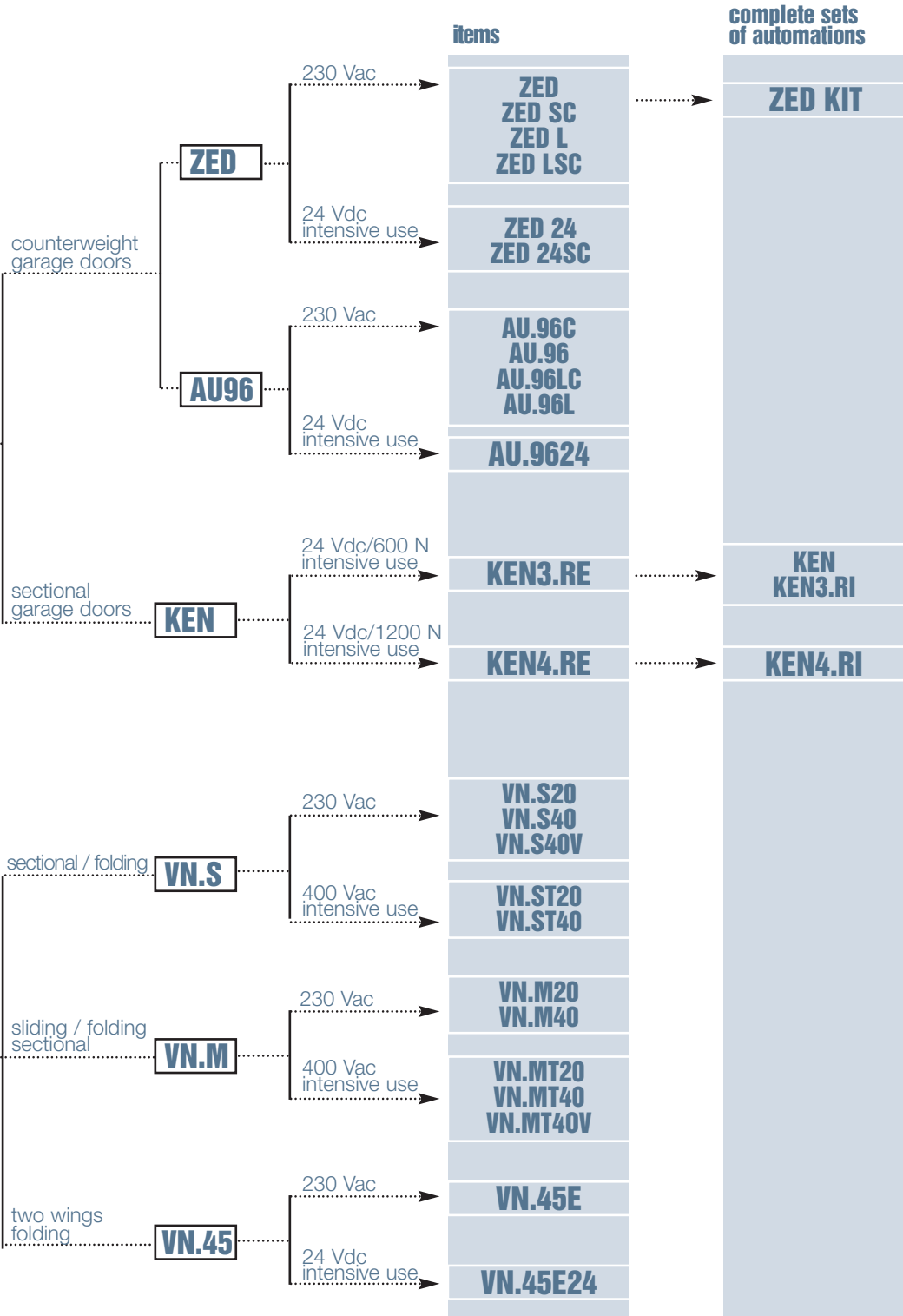
AUTOMATION SYSTEMS FOR garage&industrial doors



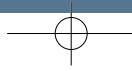
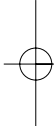


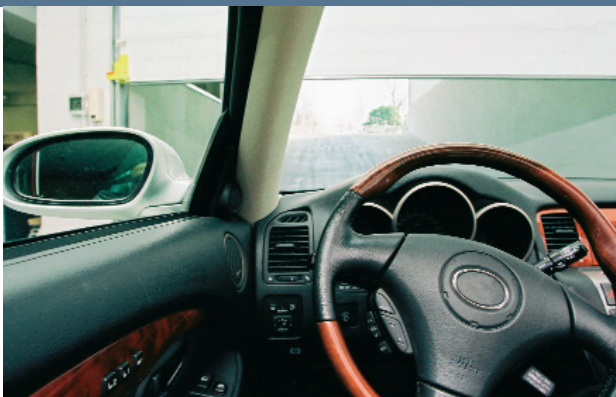
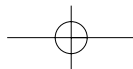
YOUR IDEAL PRODUCT

RESIDENTIAL USE



INDUSTRIAL USE





ZED

ZED SC*

ZED L

ZED LSC*

ZED 24 (for intensive use)

ZED 24 SC* (for intensive use)

AUTOMATIONS FOR garage doors

* without control panel. IP44 version available on demand

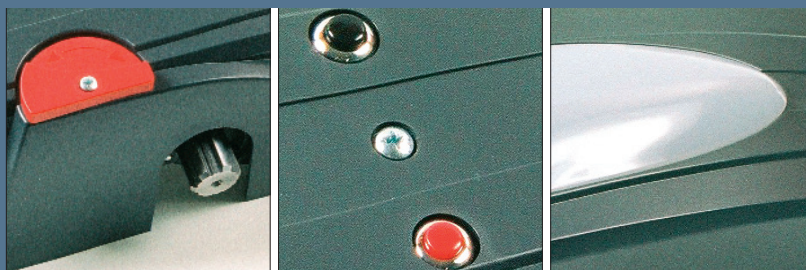
- Self-locking electromechanical operators for counterweight overhead garage doors, residential use
- New operator for counterweight overhead garage doors, residential use
- Innovative and modern design
- With or without control panel
- Courtesy light integrated in the plastic cover
- Available also at 24Vdc for a higher safety level and intensive use
- Limit switches and push-buttons included
- Low maintenance required



Mounting plate is not included
(see accessories AU.125 and AU.20)



Innovative design and Chromatisms of this products make it suitable for any architectural style.

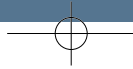


Complete and compact, the operator is equipped with electromechanical limit switches which allow a perfect and safe closing of the door.

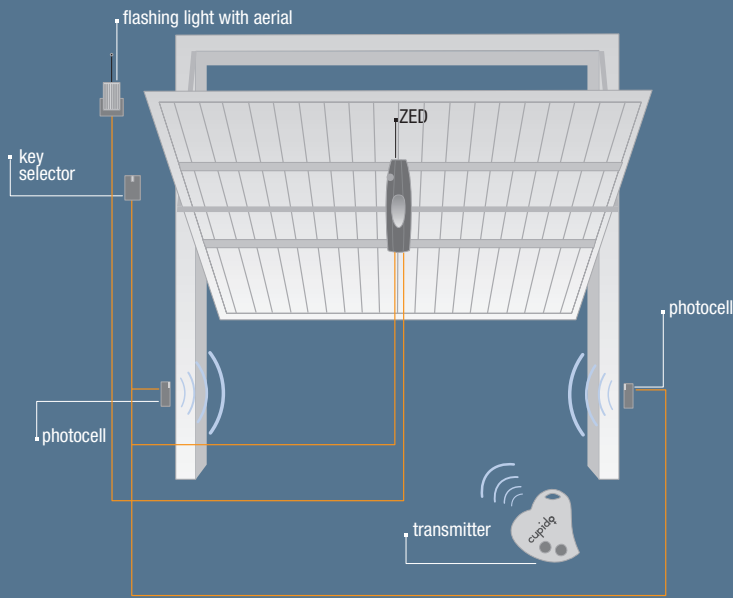


Handy and Safe indoor and outdoor unlock device.

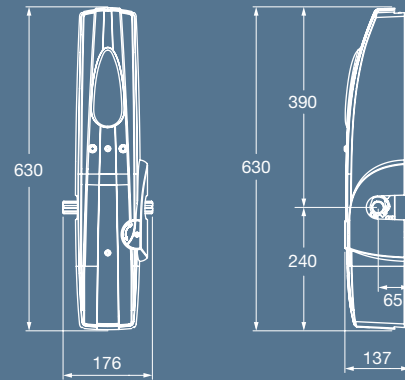
TECHNICAL DATA	ZED	ZED SC	ZED L	ZED LSC	ZED 24	ZED 24SC
Motor Power supply	230 Vac	230 Vac	230 Vac	230 Vac	24 Vdc	24 Vdc
Absorbed current	0,85 A	0,85 A	0,85 A	0,85 A	6 A	6 A
Absorbed Power	170 W	170 W	120 W	120 W	120 W	120 W
Torque nominale	480 Nm	480 Nm	480 Nm	480 Nm	350 Nm	350 Nm
Operating cycle	30 %	30%	30 %	30 %	80%	80 %
Opening time	10"	10"	16"	16"	11/25/33"	11/25/33"
Protection level	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
Thermal safety switch	130° C	130° C	130° C	130° C	130° C	130° C
Max door surface	12mq/max	12mq/max	12mq/max	12mq/max	12mq/max	12mq/max
Noisiness	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB	< 70 dB
Lubrication	Grease					
Control panel	with	without	with	without	with	without
Weight	10 kg	10 kg	10 kg	10 kg	10 kg	10 kg



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

AU.45T



Galvanized pipe, 150 mm. long, with fitting accessories bush, complete of fitting accessories (lateral mounting)

AU.45Z



Pair of galvanized pipes with bush, 1.500 mm. long, complete of fitting accessories (central mounting)

AU.45ZL



Pair of galvanized pipes with bush, 2.000 mm. long, complete of accessories (central mounting)

AU.45B



Bush

AU.D



Straight galvanized arm, complete of fitting accessories (L=600 mm)

AU.D45



Straight galvanized arm, complete of fitting accessories (L=600 mm)

AU.D45L



Straight galvanized arm, with welded bush, complete of fitting accessories L=2000 mm

AU.DNS



Straight galvanized arm with bush and fitting accessories for central mounting (L= 600 mm) Welding is not needed

AU.C



Bent galvanized arm, complete of fitting accessories

ZED.E



External release

ZED.MS



Wire manual unlock device for ZED/SC/L/LSC/24/24SC

ZED.SE



Outdoor unlock device

AU.125



1.250 mm. Mounting plate

AU.20



1.950 mm. Mounting plate

LOGICA230



230 Vac control unit for ZED.SC/LSC

LOGICA24



24 Vdc control unit for ZED24SC

COMPLETE SET FOR GARAGE DOORS



ZED-KIT

- 1 ZED Operator 230 V
 - 1 CU.2NWW Transmitter Cupido 433,92 Mhz
 - 1 RR.1WV Receiver 433,92 Mhz
 - 1 FTM Pair of photocells
 - 1 CH Key selector
 - 1 KE External box for key-selector
 - 1 AW aerial
 - 1 LAMP Flashing light
 - 1 ID.TA Warning board
 - 2 AU.D Straight arms
- The mounting plate is not included

DA.BT6 DA.BT2

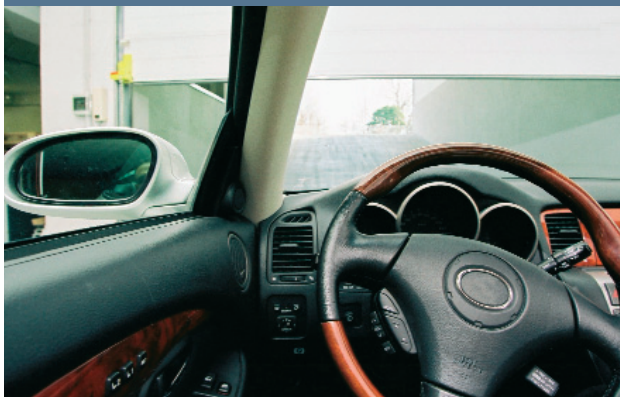


6Ah 12V DC battery
2.1Ah 12V DC battery

CB.24V



Battery charger card for LADY-BE, LOGICA24, MS424, Zed24



AU.96C

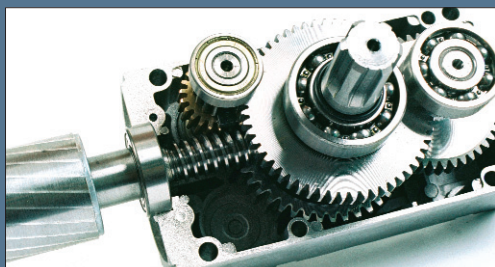
AU.96
AU.96LC
AU.96L
AU.9624 (for intensive use)

- Self-locking electromechanical operators suitable for counterweights garage doors up to 12 sqm, residential use
- Equipped with limit switches
- Mechanical components all made of steel in order to assure solidity and a long life of the product
- Control panel is provided separately
- Low maintenance required

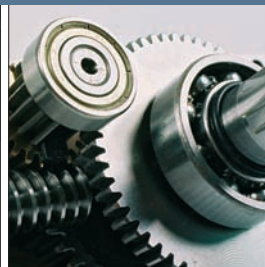
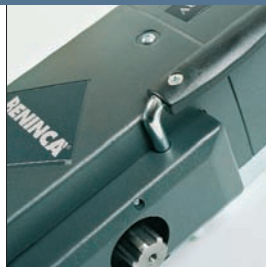
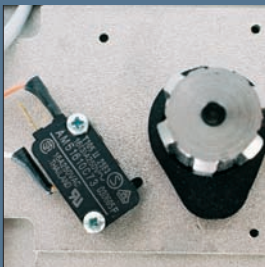
AUTOMATIONS FOR garage doors



Mounting plate is included



High quality material to assure the longest durability and silence of the movement.

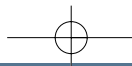


Fast and perfect installations suitable for any kind of architectural style.

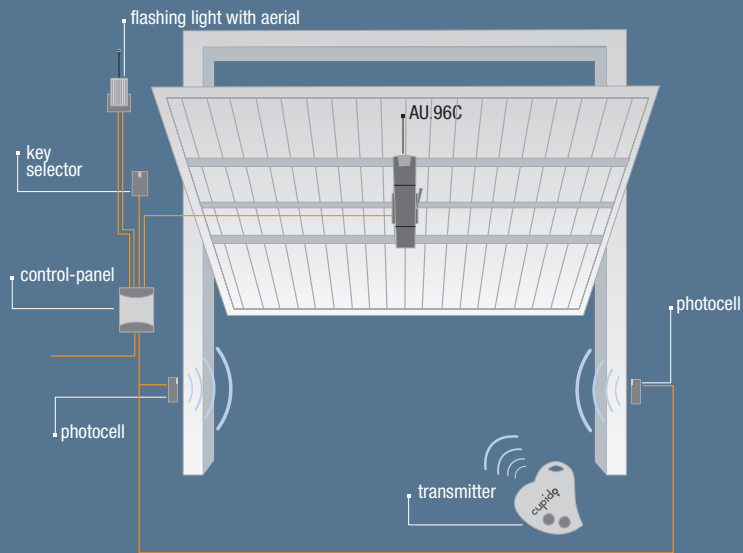


Easy to use unlock lever.

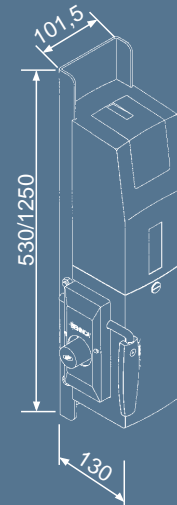
TECHNICAL DATA	AU.96	AU.96C	AU.96L	AU.96LC	AU.9624
Power supply	230 Vac	230 Vac	230 Vac	230 Vac	24 Vdc
Absorbed Power	170 W	170 W	170 W	170 W	120 W
Absorbed current	0,85 A	0,85 A	0,85 A	0,85 A	6 A
Torque	480 Nm	480 Nm	480 Nm	480 Nm	350 Nm
Operating cycle	30%	30%	30%	30%	80%
Protection level	IP 40	IP 40	IP 40	IP 40	IP 40
Thermal safety switch	130 °C	130 °C	130 °C	130 °C	-
Operating temp.	-20 °C/+70 °C				
Opening time	10"	10"	16"	16"	6"÷12"
Capacitor	9 µF	9 µF	9 µF	9 µF	-
Lubrication	Grease				
Length of mounting plate	1250mm	600mm	1250mm	600mm	1250mm
Max. Door surface	12 mq/max	12 mq/max	12 mq/max	12 mq/max	12 mq/max
Weight	13 Kg	13 Kg	13 Kg	13 Kg	13 Kg



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

AU.45T



Pipe, 150 mm. long, with welded and galvanized bush, complete of accessories (lateral mounting)

AU.45Z



Pair of galvanized pipes with bush, 1,500 mm. long, complete of accessories (central mounting)

AU.45ZL



Pair of galvanized pipes with bush, 2,000 mm. long, complete of accessories (central mounting)

AU.45B



Bush

AU.D



Straight galvanized arm, complete of fitting accessories (L=600 mm)

AU.D45



Straight galvanized arm, complete of fitting accessories (L=600 mm)

AU.D45L



Straight galvanized arm, with welded bush, complete of fitting accessories (L=2000 mm)

AU.C



Bent galvanized arm, complete of fitting accessories

AU.DNS



Galvanized straight arm with bush and accessories (for central mounting) welding is not needed

AU.E



External release (to be used on lateral mounting)

AU.SE



External release. It is connected to the door handle (for central mounting)

AU.20



1,950 mm. Mounting plate

DU.MS45 € 56,00



Outdoor unlock device for AU.96/C/L/LC/24

LOGICA230



230 Vac control unit for AU.96 / 96C / 96L / 96LC

LOGICA24



24Vdc control panel for AU.9624

**DA.BT6
DA.BT2**

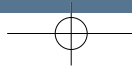


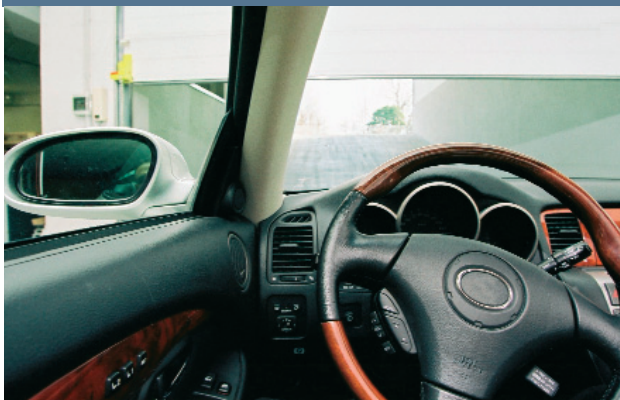
6Ah 12V DC battery
2.1Ah 12V DC battery

CB.24V



Battery charger card for LADY-BE, LOGICA24, MS424, Zed24





KEN

**KEN3.RE / KEN4.RE /
KEN3.RI / KEN4.RI**

- Self-locking electromechanical operators for residential sectional garage doors
- Automation with a high safety level and intensive use
- Limit switches included
- Integrated courtesy light
- Equipped with control panel
- Low maintenance required

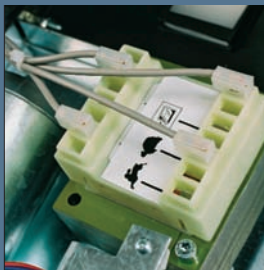
AUTOMATIONS FOR garage doors



Rail not included



Silent and smooth movement thanks to the guided chain.



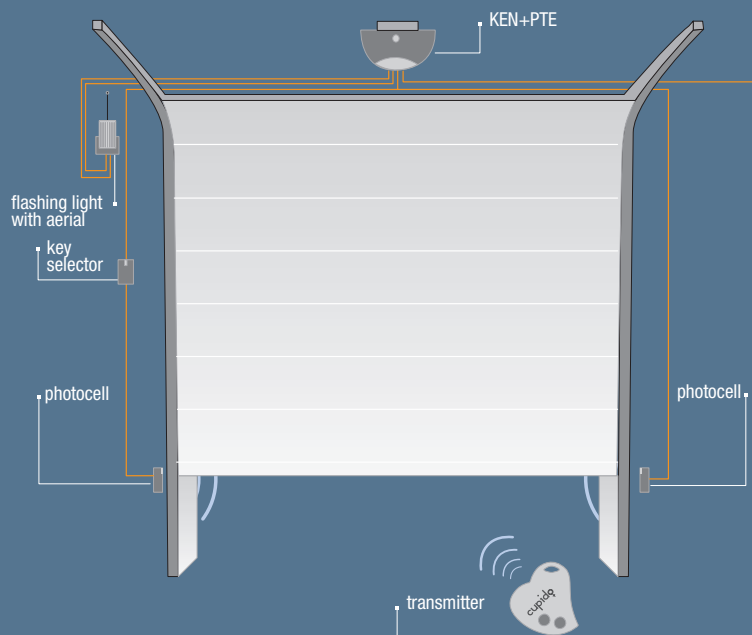
A fast and easy to use unlock device allows you to operate the garage door manually in case of power failure.



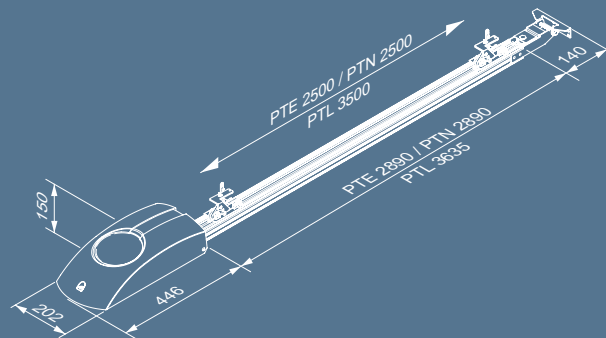
The operator has been designed to get a fast and perfect installation even in particular conditions.

TECHNICAL DATA	KEN3.RE	KEN4.RE	KEN3.RI	KEN4.RI	KEN
Control panel power supply	230 Vac	230 Vac	230 Vac	230 Vac	230 Vac
Absorbed current	1 A	1,5 A	1 A	1,5 A	1 A
Operating cycle	80%	80%	80%	80%	80%
Protection level	IP 40	IP 40	IP 40	IP 40	IP 40
Motor power supply	24Vdc	24Vdc	24Vdc	24Vdc	24Vdc
Absorbed power	120 W	220 W	120 W	220 W	120 W
Opening speed	6,5 m/1' - 5,2 m/1' - 4,3 m/1'				
Torque	600 N	1200 N	600 N	1200 N	600 N
Weight	5,9 Kg	7,6 Kg	5,9 Kg	7,6 Kg	5,9 Kg
Limit switches	double micrometric	double micrometric	double micrometric	double micrometric	standard
Rail	PTN/PTL	PTN/PTL	PTN/PTL	PTN/PTL	PTE
Receiver	without	without	with	with	with
Transmitter	-	-	1 T2WV	1 T2WV	1 T2WV

INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

PTE



Pre-assembled track, chain drive, for sectional doors up to 2.5 m. for KEN only

PTN



Pre-assembled track suitable for sectional doors up to 2.5m. height. For KEN3RI/RE KEN4RI/RE only

PTL



Pre-assembled track suitable for sectional doors up to 3.5m. height. For KEN3RI/RE KEN4RI/RE only

PE



Package with two extensions L=1.37m for PTN

AU.C25



Oscillating arm for counterweight balanced doors

AU.MS25

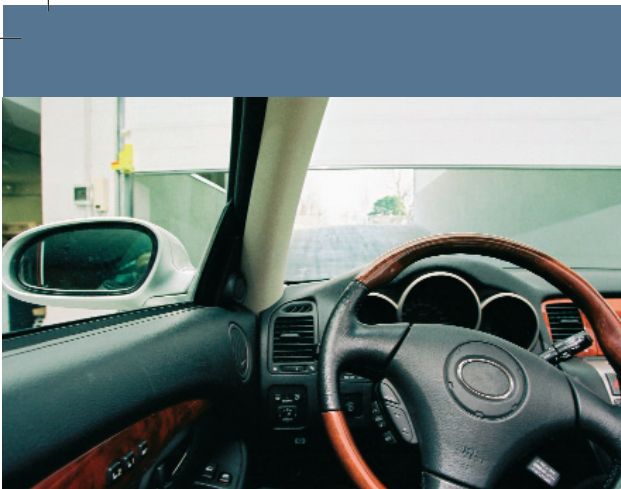


Wires for AU.MS or other handles

AU.MS



Handle for manual release



VN.S20

VN.S40
VN.ST20*
VN.ST40*
VN.S40V

(version for sliding industrial doors and folding doors with more than 2 wings)

* for intensive use

AUTOMATIONS FOR industrial doors

- Self-locking electromechanical operators with fast unlock device, for industrial use
- Design and reduced dimensions allow the installation of the product in the most critical places
 - Strength and silence are the main characteristics
 - Low maintenance required

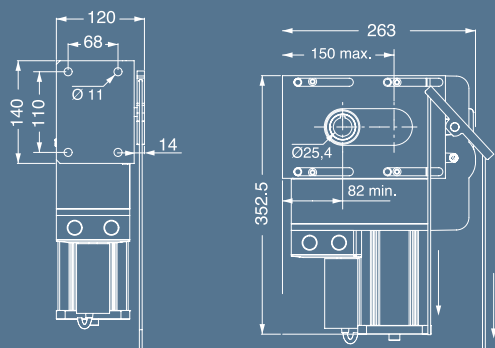
P.S.: On demand the operators can be equipped with electric brake, except for the version VN.S40V



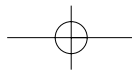
SEPARATE CONTROL PANEL



DIMENSIONS



TECHNICAL DATA	VN.S20	VN.S40	VN.ST20	VN.ST40	VN.S40V
Power supply	230 Vac	230 Vac	400 Vac	400 Vac	230 Vac
Absorbed Power	600 W	600 W	700 W	700 W	550 W
Absorbed current	3,3 A	3,3 A	1,4 A	1,4 A	3 A
Rated torque	90 Nm	90 Nm	105 Nm	105 Nm	40 Nm
Protection level	IP 40	IP 40	IP 40	IP 40	IP 40
Thermal safety switch	130 °C	130 °C	130 °C	130 °C	130 °C
Operating temp.	-20 °C/+70 °C				
Output speed	24 r.p.m.	24 r.p.m.	24 r.p.m.	24 r.p.m.	48 r.p.m.
Capacitor	20 µF	20 µF	-	-	20 µF
Lubrication	Oil				
Operating cycle	40%	40%	50%	50%	40%
Shaft hole 25,4 mm	1"	1"	1"	1"	1"
Weight	15 Kg	15 Kg	15 Kg	15 Kg	15 Kg
Limit switches red. radio	1/20	1/40	1/20	1/40	1/40



VN.M20

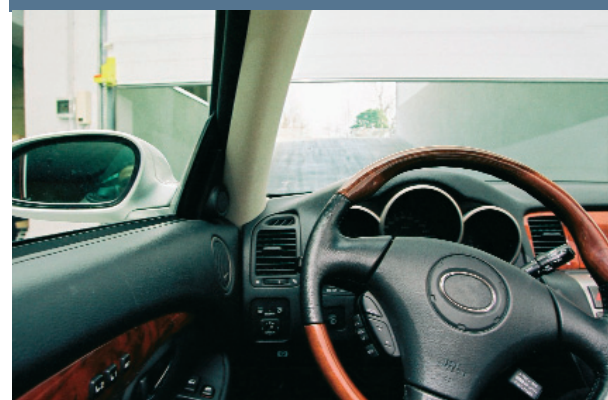
VN.M40

***VN.MT20**

***VN.MT40**

***VN.MT40V**

*** for intensive use**



AUTOMATIONS FOR industrial doors

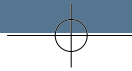
- Self-locking electromechanical operators equipped with chain unlock device, industrial use.
- Compact and with a nice design it can be installed in the most critical places.
- Strength and silence are the main characteristics.
- A self-ventilated version, for intensive use and for large doors (185 Nm), is available on demand (VN.MT40V). Electric brake included
- Low maintenance required

PS: On demand the operators can be equipped with electric brake.

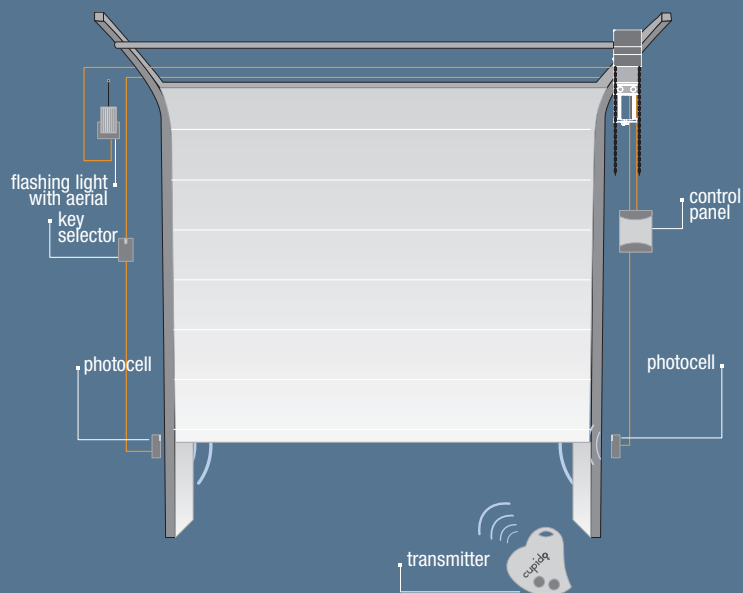
SEPARATE CONTROL PANEL

TECHNICAL DATA	VN.M20	VN.M40	VN.MT20	VN.MT40	VN.MT40V
Power supply	230 Vac	230 Vac	400 Vac	400 Vac	400 Vac
Absorbed Power	600 W	600 W	700 W	700 W	900 W
Absorbed current	3 A	3 A	1,7 A	1,7 A	2,2 A
Rated torque	90 Nm	90 Nm	105 Nm	105 Nm	185 Nm
Protection level	IP 40	IP 40	IP 40	IP 40	IP 40
Thermal safety switch	130 °C	130 °C	130 °C	130 °C	130 °C
Operating temp.	- 20°C/+70°C	- 20°C/+70°C	- 20°C/+70°C	- 20°C/+70°C	- 20°C/+70°C
Output speed	24 r.p.m.	24 r.p.m.	24 r.p.m.	24 r.p.m.	24 r.p.m.
Capacitor	20 µF	20 µF	-	-	-
Lubrication	Oil	Oil	Oil	Oil	Oil
Operating cycle	40%	40%	50%	50%	80%
Shaft hole	1"	1"	1"	1"	1"
Weight	15 Kg	15 Kg	15 Kg	15 Kg	22,5 Kg
Limit switches red. radio	1/20	1/40	1/20	1/40	1/40

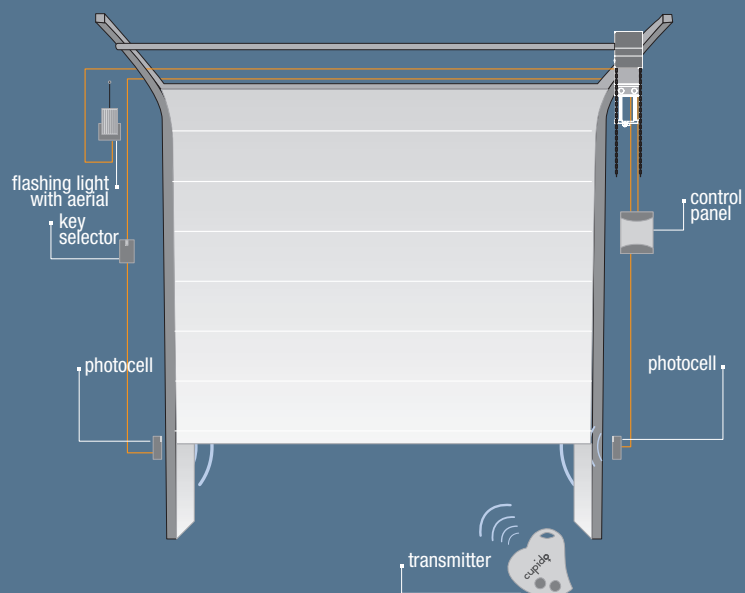
VN.MT40V



SECTIONAL DOORS



SECTIONAL DOORS WITH CHAIN REDUCTION



SUGGESTED ACCESSORIES

VN.CTA



Chain extension for VN.M

VN.A30



Shaft adapter Ø 30 mm

VN.A3175



Shaft adapter Ø 31,75 mm

VN.A40



Shaft adapter Ø 40 mm

DA.V



230 Vac Control unit for VN.S20/S40/M20/M40

DA.VT



400 Vac Control units trifase for VN.ST20/ST40/MT20/MT40/MT40V

SUGGESTED ACCESSORIES

VN.RV



Variable motion transmission system 1:2

VN.RM



Motion transmission system 1:1

DA.V



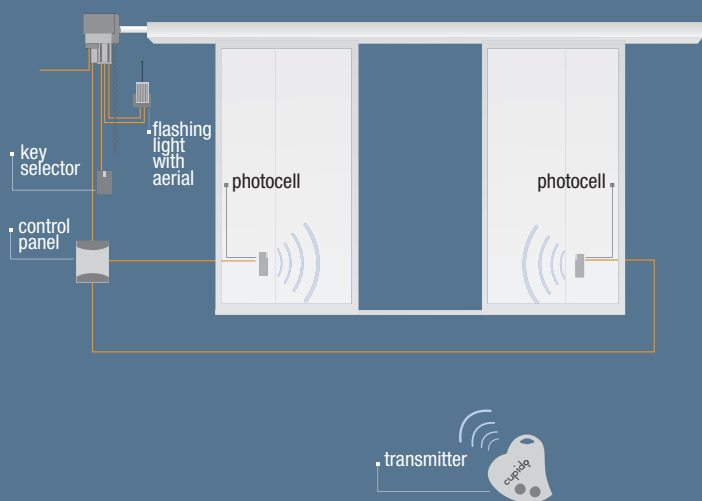
230 Vac Control unit for VN.S20/S40/M20/M40

DA.VT

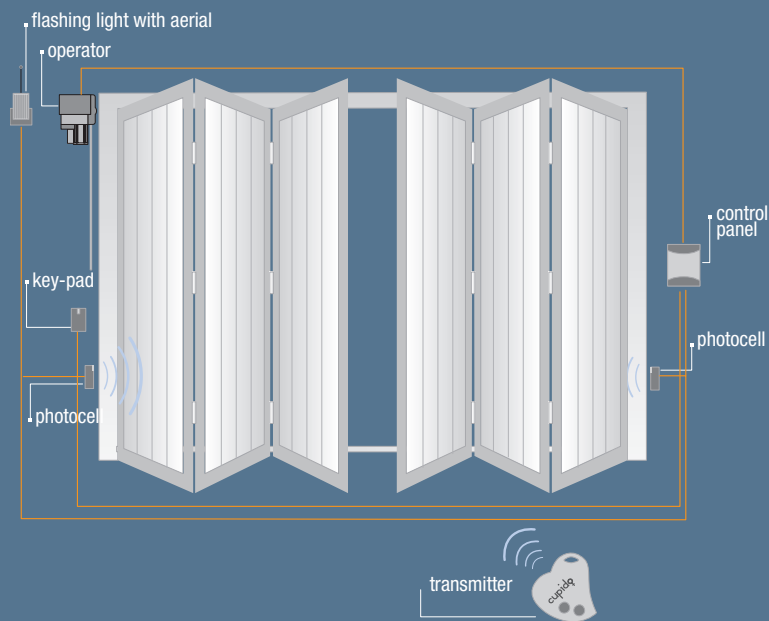


400 Vac Control units trifase for VN.ST20/ST40/MT20/MT40/MT40V

INDUSTRIAL SLIDING DOORS



INDUSTRIAL FOLDING DOORS



SUGGESTED ACCESSORIES

VN.CT



1/2" chain. Packing 5m

VN.GT



Joint for chain VN.CT

VN.T



Chain tightener

VN.S



Door fitting brackets for VN.T

DA.V



230 Vac Control unit for VN.S20/S40/M20/M40

DA.VT



400 Vac Control units trifase for VN.ST20/ST40/MT20/MT40/MT40V

SUGGESTED ACCESSORIES

VN.CT



1/2" chain. Packing 5m

VN.GT



Joint for chain VN.CT

VN.T



Chain tightener

VN.S



Door fitting brackets for VN.T

DA.V

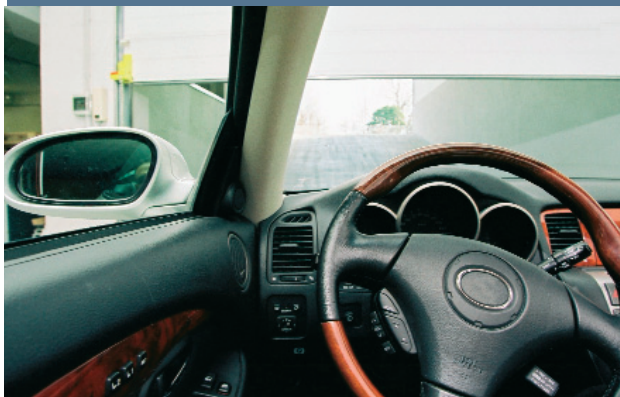


230 Vac Control unit for VN.S20/S40/M20/M40

DA.VT



400 Vac Control units trifase for VN.ST20/ST40/MT20/MT40/MT40V



VN.45E

VN.45E24 (for intensive use)

- Self-locking electromechanical operator suitable for folding doors with max 2 wings
- Available also at 24Vdc for intensive use
- Strong and silent with gears made of steel
- Easy and fast to install
- Low maintenance required

AUTOMATIONS FOR industrial doors

The arm is not included
(see accessories VN.D45 - VN.C45)



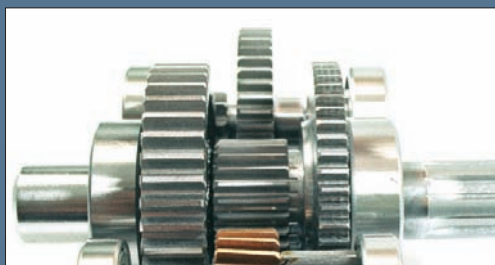
SEPARATE CONTROL PANEL



Available at 230 Vac for residential use or 24 Vdc for intensive use.

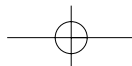


Separate control panel.

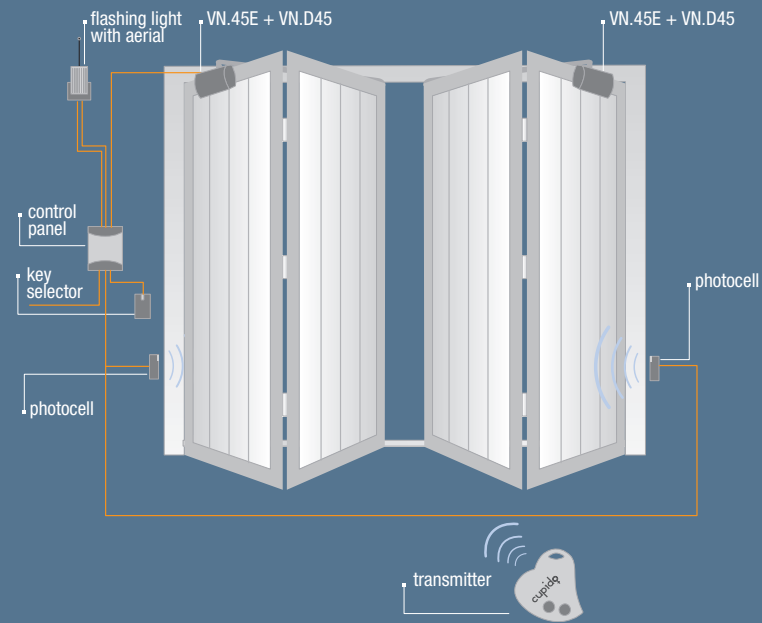


Reduction unit made of steel for a long life of the product.

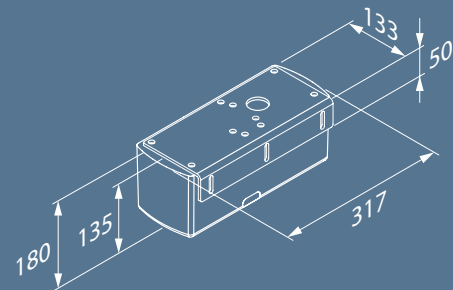
TECHNICAL DATA	VN.45E	VN.45E24
Power supply	230 Vac	24 Vdc
Absorbed Power	170 W	120 W
Absorbed current	0,85 A	6 A
Torque	300 Nm	260 Nm
Operating cycle	35 %	80 %
Protection level	IP 54	IP 54
Leaf max width	1,5 m	1,3 m
Leaf max weight	120 Kg	100 Kg
Capacitor	9 µF	-
Lubrication		Grease
Weight	13 Kg	13 Kg



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

VN.D45



Straight galvanised arm, with welded bush, complete of fitting accessories

DU.MS45



Indoor/outdoor unlock device

VN.C45D VN.C45S



Bent arm for 180° opening, with fitting accessories right side or leftside version right side application.
Bent arm for 180° opening with fitting accessories left side application.

DA.BT6 DA.BT2



6Ah 12V DC battery
2.1Ah 12V DC battery

HEAD



230 V control panel with 433.92 Mhz built-in receiver

BRAIN



230 V control panel with standard and sophisticated features

LOGICA 24



24 Vdc control panel for one motor

DA.24A



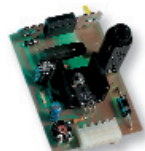
24 Vdc control panel for two motors

CB.24V

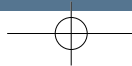


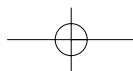
Battery charger card for LADY-BE, LOGICA24, MS424, Zed24

DA.24CB

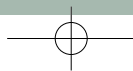


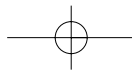
Battery charger card for DA.24A





road barriers





YOUR IDEAL PRODUCT



**PASSAGES
UP TO 2,50 M**

→ painted steel / intensive use / 24 Vdc

VE.250

→ stainless steel / intensive use / 24 Vdc

VE.250I

**PASSAGES
UP TO 4 M**

→ galvanized and painted steel / 24 Vdc /
intensive use

LADY-BE

**PASSAGES
UP TO 5 M**

→ painted steel / intensive use / 24 Vdc

VE.500

→ stainless steel / intensive use / 24 Vdc

VE.500I

**PASSAGES
UP TO 6,50 M**

→ painted steel / intensive use / 24 Vdc

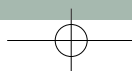
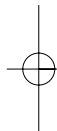
VE.650

→ stainless steel / intensive use / 24 Vdc

VE.650I

items

VE.250
VE.250I
LADY-BE
VE.500
VE.500I
VE.650
VE.650I





**road
barriers**
up to 2,50 m

VE.250

VE.250I

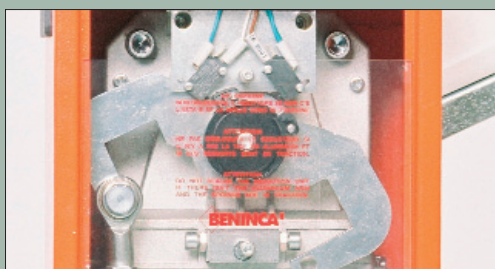
- Electromechanical barrier for passages up to 2,50 m, intensive use
- Reliability, silence and durability are granted
- High quality of the materials and the components
- Available also in stainless steel version
- The control panel is included and it is prepared for the installation of a back-up system
- Low maintenance required



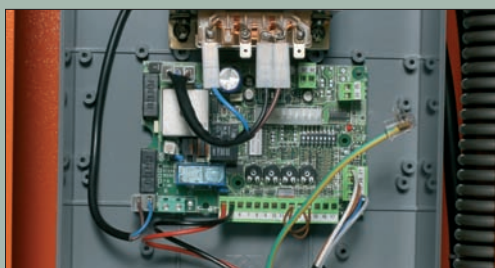
Equipped with foundation plate



Sturdy and reliable mechanical parts.



Very easy to install and to set the function up.



Reliable electronic equipment, easy to wire thanks to the pull-out terminals.

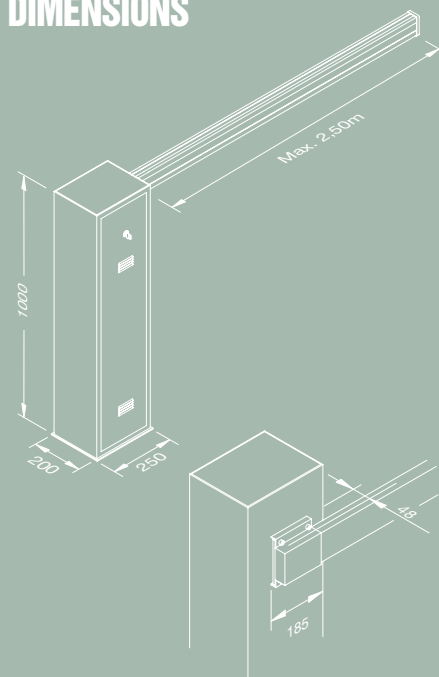
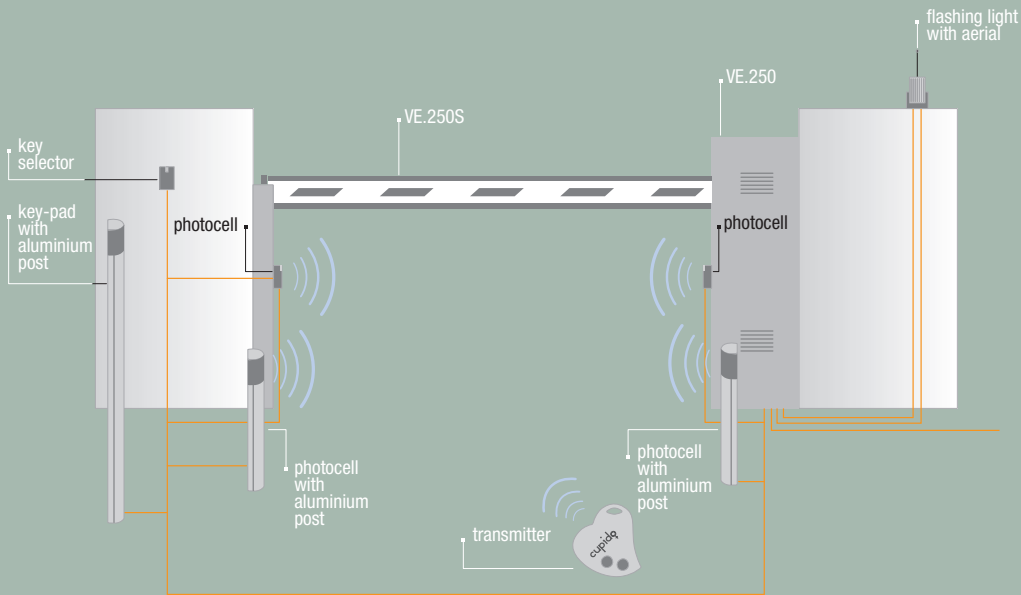
HOW TO CHOOSE THE TYPE OF SPRING AND OTHER ACCESSORIES

CODE	TYPE OF SPRING	THE POSSIBLE ACCESSORIES
VE.250/I	The standard spring covers all lengths of the arm	SC.RES - VE.RP

TECHNICAL DATA	VE.250	VE.250I
Power supply	230 Vac	230 Vac
Motor power supply	24 Vdc	24 Vdc
Absorbed Power	70 W	70 W
Absorbed current	4,5 A	4,5 A
Torque	100 Nm	100 Nm
Protection level	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Metal case	painted steel	stainless steel
Opening speed	2,5"	2,5"
Operating cycle	80%	80%
Lubrication	Grease	Grease
Weight	40 Kg	40 Kg

INSTALLATION DRAWING

DIMENSIONS



SUGGESTED ACCESSORIES

VE.250S



2.5m. white painted, aluminium arm. Caps and adhesive refractor strips are included (2500x63x38,5). For VE.250/I.

VE.RP



Protection rubber for VE.250S with aluminium profile and caps. Packing:10m.

**VE.KM1H
VE.KM2H**



Single/two-channel detector loop.

VE.CS



Traffic-light control unit

VE.TL



Traffic-light

**VE.AF
VE.AFI**



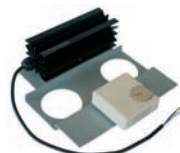
Painted fixed support for bars. stainless steel fixed support for bars

VE.P250



Foundation plate for VE.250/I.

VE.TERM



Thermostat for very cold places for VE. 250/I.

DA.24CB



Battery charger card for VE.250/I

**DA.BT2
DA.BT6**



6Ah 12V DC battery
2.1Ah 12V DC battery



road barrier

from 2 to 4 m

LADY-BE

- Electromechanical barrier for passages up to 4m, intensive use
- Easy to use external manual unlock device
- Galvanized and painted to avoid corrosion
- Speed, strength and soft stop/start adjustable for an always correct use and performance
- The control panel is included and it is prepared for the installation of a back-up system
- Low maintenance required



with external unlock device

Equipped with foundation plate



Easy to use external unlock device.



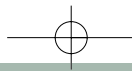
For a faster installation it is provided already prepared for right or left hand side mounting.



New control panel with all the standard features and pull-out terminals also. During installation and service the control panel can be easily put in horizontal position

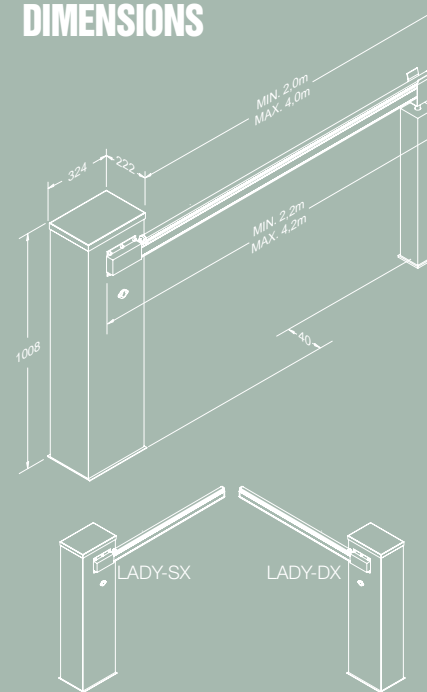
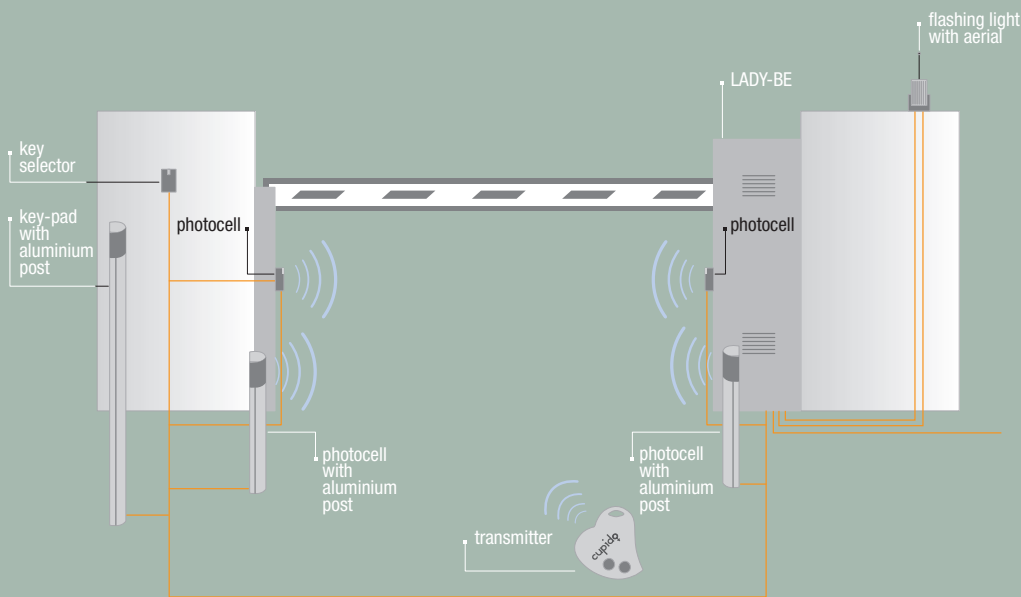
TECHNICAL DATA

	LADY.DX	LADY.SX
Power supply	230 Vac	230 Vac
Motor power supply	24 Vdc	24 Vdc
Absorbed Power	70 W	70 W
Absorbed current	4,5 A	4,5 A
Torque	100 Nm	100 Nm
Protection level	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Operating cycle	80%	80%
Opening speed	2,5"	2,5"
Lubrication	grease	grease
Opening direction	right	left
Weight	40 Kg	40 Kg



INSTALLATION DRAWING

DIMENSIONS



SUGGESTED ACCESSORIES

LADY.A



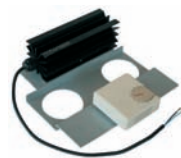
4.2 m white painted aluminium arm. Caps and adhesive refractor strips are included (4200x60x38 mm).

LADY.P



4.2 m white painted aluminium arm. Caps and adhesive refractor strips are included (4200x60x38 mm). Provided with red rubber profiles.

VE.TERM



Thermostat for LADY-BE for very cold places.

VE.AM



Mobile support for bars

VE.RAST



Aluminium rack L= 2 m.

VE.AF



Painted fixed support

VE.PS



Foundation plate for LADY-BE.

VE.KM1H VE.KM2H



Single/two-channel loop detector.

VE.CS



Traffic-light control unit

VE.TL



Traffic-light

LADY.COL



Support for the installation of a second pair of photocell

DA.BT2 DA.BT6



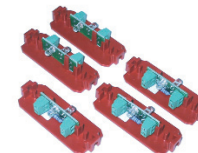
6Ah 12V DC battery
2.1Ah 12V DC battery

CB.24V

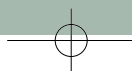


Battery charger card for LADY-BE

LADY.L



Flashing light set for LADY-P.





**road
barriers**
up to 5 m

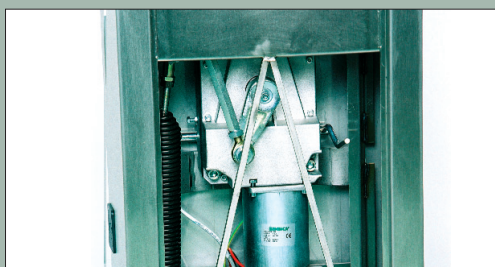
VE.500

VE.500I

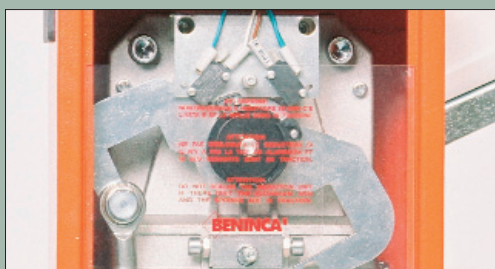
- Electromechanical road barrier for passages up to 5,00 m, intensive use
- Easy to install and set up
- Available also in stainless steel version
- The control panel is included and it is prepared for the installation of a back-up system
- Low maintenance required
- Equipped with foundation plate



Equipped with foundation plate



Hi-quality mechanical and electronic components.



Very easy to install and to set the function up.



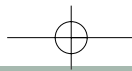
Reliable electronic equipment, easy to wire thanks to the pull-out terminals.

HOW TO CHOOSE THE TYPE OF SPRING AND THE POSSIBLE ACCESSORIES

CODE	TYPE OF SPRING	LENGTH OF ROAD BARRIER BEAM (METERS)	THE POSSIBLE ACCESSORIES
VE.500/I	1 yellow	2	VE.AM - VE.L500 - VE.SN500 - SC.RES - VE.RP
	1 yellow	2,5	-
	1 neutral	2,5	VE.AM - VE.L500 - VE.SN500 - SC.RES - VE.RP
	1 neutral	3	VE.AM - VE.L500 - VE.SN500 - SC.RES - VE.RP
	1 neutral	3,5	VE.AM - SC.RES - VE.L500 - VE.SN500 - VE.PAST - VE.RP
	1 neutral	4	VE.AM - SC.RES - VE.L500 - VE.SN500 - VE.PAST - VE.RP
	1 white	4,5	VE.AM - VE.L500 - VE.SN500 - SC.RES - VE.RP
	1 white	5	VE.AM - VE.L500 - VE.SN500 - SC.RES - VE.RP

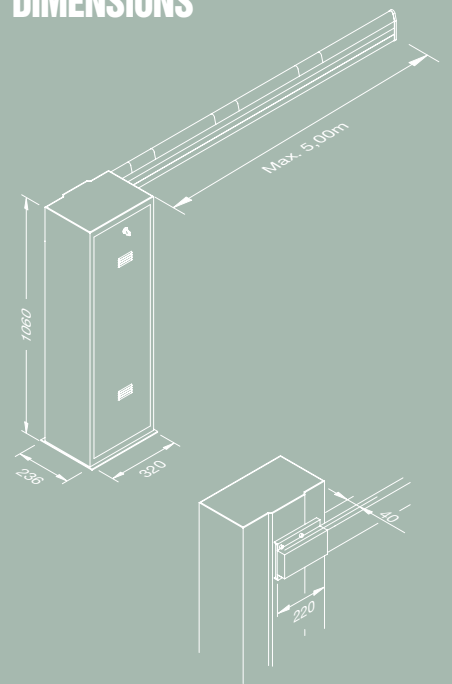
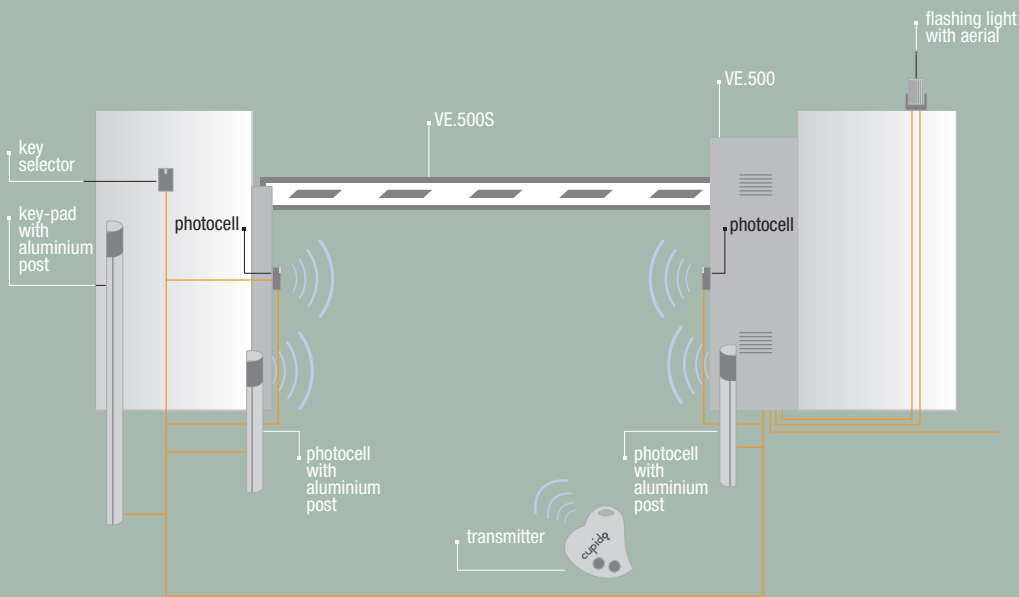
NB: the standard road barriers are equipped with 1 white spring

TECHNICAL DATA	VE.500	VE.500I
Power supply	230 Vac	230 Vac
Motor power supply	24 Vdc	24 Vdc
Absorbed Power	130 W	130 W
Absorbed current	6 A	6 A
Torque	210 Nm	210 Nm
Protection level	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Operating cycle	80%	80%
Opening speed	6"	6"
Metal case	painted steel	stainless steel
Lubrication	Grease	Grease
Weight	61 Kg	61 Kg



INSTALLATION DRAWING

DIMENSIONS



SUGGESTED ACCESSORIES

VE.500S



5m. white painted, aluminium bar. Caps and adhesive refractor strip are included (5000x63x38,5).

VE.C500



Ø 70 mm white painted aluminium round section bar. Caps and adhesive refractor strips are included. L=5000 mm. Suitable for very windy places.

VE.GT24S



Aluminium joint for VE.500S bar.

VE.SA500



Fixed support with electric lock for VE.500S.

VE.AF VE.AFI



Painted fixed support for bars. Stainless steel fixed support for bars.

VE.RAST



Aluminium rack L=2 m

VE.L500



Set of flashing signals for VE.500S bar.

VE.RP



Protection rubber for VE.500S. with aluminium profile and cap. Packing: 10m.

VE.GT70



Aluminium joint for VE.C500.

VE.AM



Mobile support for bars

VE.KM1H VE.KM2H



Single/two-channel loop detector.

VE.P500



Foundation plate for VE.500.

VE.KM



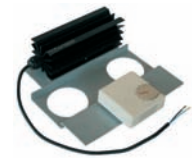
Spring for VE.500/1 yellow, neutral or white.

VE.KM24



Set of 3 springs for VE.500/1 - VE.650/1: yellow, neutral, white

VE.TERM



Thermostat for VE.500. For very cold places

DA.24CB



Battery charger card for VE.500/1

DA.BT2 DA.BT6



6Ah 12V DC battery
2.1Ah 12V DC battery

VE.SN500



Set of joints for the articulation of VE.500S bar

VE.TL

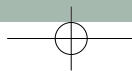


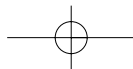
Traffic-light

VE.CS



Traffic-light control unit





**road
barriers**
up to 6,5 m

VE.650

VE.650I

- Electromechanical road barrier for passages up to 6,5 m, intensive use
- Strong barrier with great performances
- Easy to install and to set up
- Available also in stainless steel version
- The control panel is included and it is prepared for the installation of a back-up system
- Low maintenance required

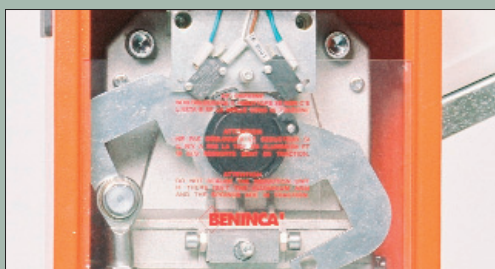


Equipped with foundation plate

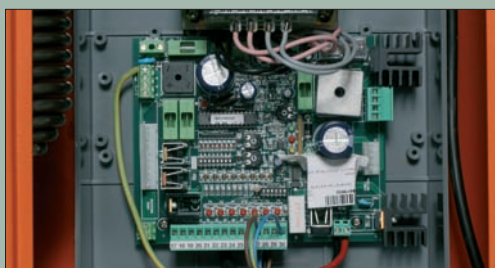
N.B. the standard version includes 1 white spring.



Hi-quality mechanical and electronic components.



Very easy to install and to set the functions up.



Control board with all the standard features.

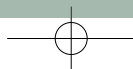
HOW TO CHOOSE THE TYPE OF SPRING AND THE POSSIBLE ACCESSORIES

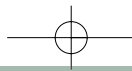
CODE	TYPE OF SPRING	LENGTH OF ROAD BARRIER BEAM (METERS)	THE POSSIBLE ACCESSORIES
VE.650/I	1 neutral	4,5	VE.AM - SC.RES - VE.L650 - VE.RAST - VE.RP
	1 yellow + 1 neutral	5	VE.AM - SC.RES - VE.L650 - VE.RAST - VE.RP
	1 yellow + 1 neutral	5,5	VE.AM - SC.RES - VE.L650 - VE.RAST - VE.RP
	1 yellow + 1 neutral	6	-
	2 neutral	6	VE.AM - SC.RES - VE.L650 - VE.RAST - VE.RP
	2 neutral	6,5	VE.AM - SC.RES - VE.L650 - VE.RAST - VE.RP

NB: the standard road barriers are equipped with 2 neutral springs

TECHNICAL DATA

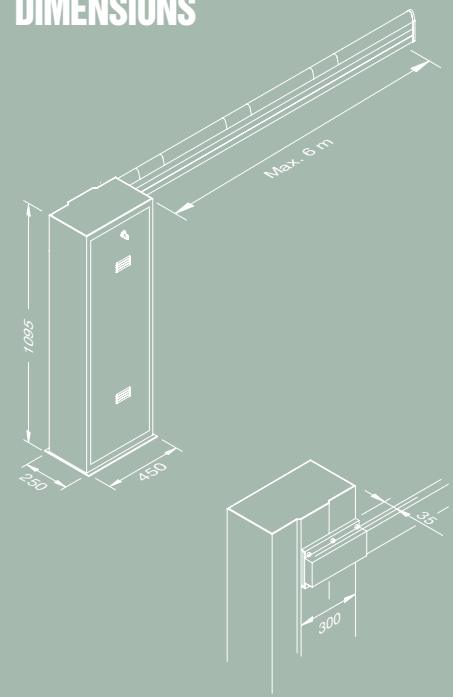
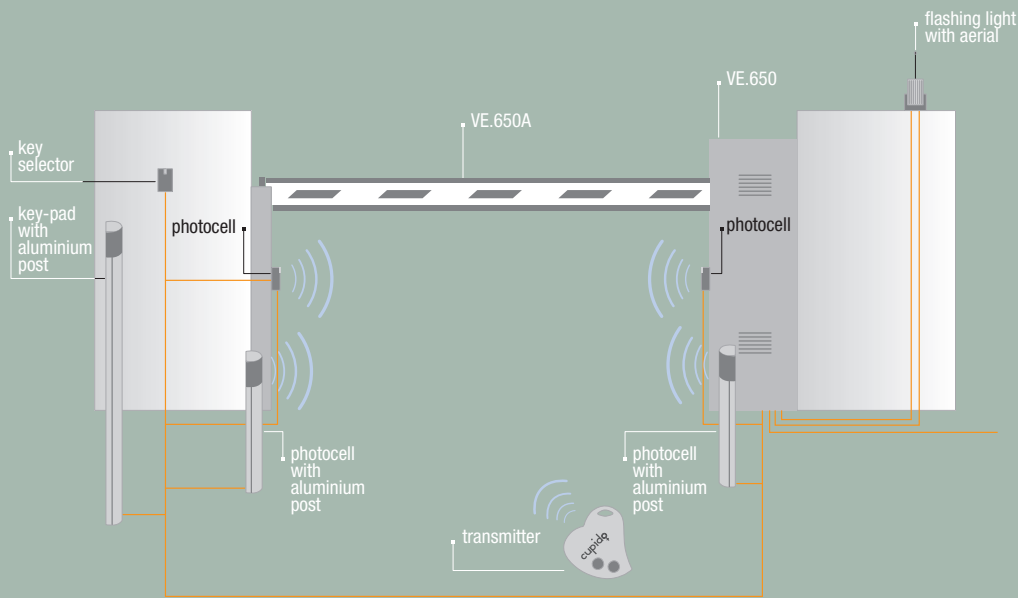
	VE.650	VE.650I
Power supply	230 Vac	230 Vac
Motor power supply	24 Vdc	24 Vdc
Absorbed Power	130 W	130 W
Absorbed current	8 A	8 A
Torque	290 Nm	290 Nm
Protection level	IP 54	IP 54
Operating temp.	-20 °C/+70 °C	-20 °C/+70 °C
Operating cycle	80%	80%
Opening speed	8"	8"
Metal case	painted steel	stainless steel
Lubrication	Grease	Grease
Weight	105 Kg	105 Kg





INSTALLATION DRAWING

DIMENSIONS



SUGGESTED ACCESSORIES

VE.650A



6,5m. white painted, aluminium bar. Caps and adhesive refractor strip are included (6500x100x40). For VE.650/I.

VE.C650



Ø 90 mm white painted aluminium round section bar. Caps and adhesive strips are included L=6500 mm. suitable for very windy places.

VE.GT24



Joint for VE.650/I.

VE.GT90



Giunto in alluminio per asta VE.C650

VE.SA650



Fixed support with electric lock for VE.650A

VE.AF VE.AFI



Painted fixed support for bars.
Stainless steel fixed support for bars

VE.RAST



Aluminium rack L=2 m

VE.L650



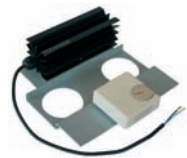
Set of flashing signals for VE.650A bars.

VE.RP



Protection rubber for VE.650A. with aluminium profile and cap. Packing: 10m.

VE.TERM



Thermostat for VE.650/I
For very cold places

VE.AM



Mobile support for bars

VE.P650



Foundation plate for VE.650/I

VE.KM



Spring for VE.650/I : yellow, neutral, white.

VE.KM24



Set of 3 springs for VE.650/I : yellow, neutral, white.

VE.KM1H VE.KM2H



Single/two-channel loop detector.

DA.24CB



Battery charger card for VE.650/I

DA.BT2 DA.BT6



6Ah 12V DC battery
2.1Ah 12V DC battery

VE.CS

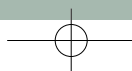


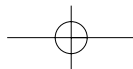
Traffic-light control unit

VE.TL



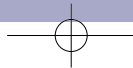
Traffic-light

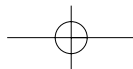




car park
saver

**YOUR
IDEAL
PRODUCT**





**CAR PARK
SAVER**

automatic at 24Vdc, intensive use

manual

items

VE.SOR

VE.SOM



VE.SOR

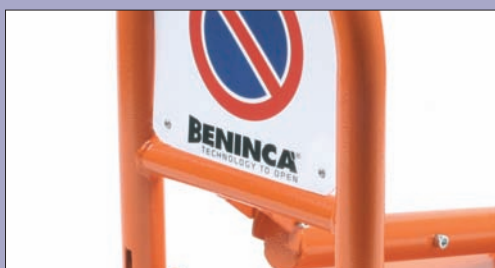
VE.SOM

- Automation that safeguards the private car parks
- Easy and fast installation on the ground
- Automatic and manual versions available
- Low maintenance required

car park saver



High quality electronic and mechanical parts.



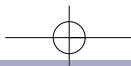
The easiest way to save your car park place.



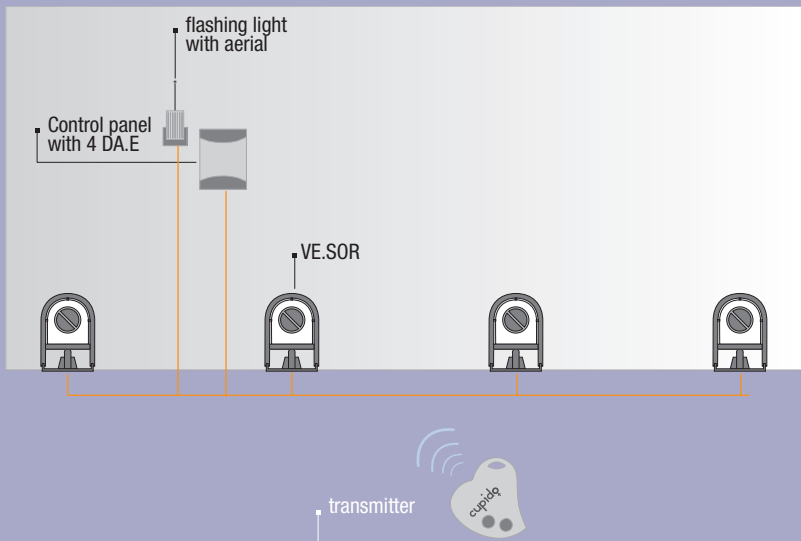
Easy to install and manage. It matches with any architectural style.

TECHNICAL DATA

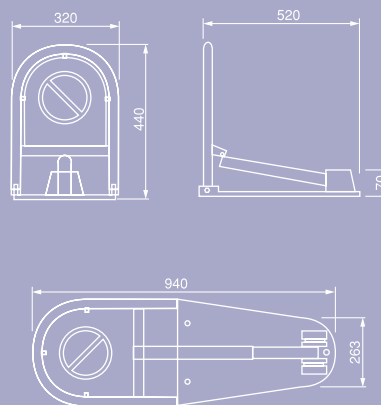
	VE.SOR	VE.SOM
Operating way	automatic	manual
Power supply	230 Vac	-
Motor power supply	24 Vdc	-
Absorbed Power	25 W	-
Absorbed current	max 2 A	-
Operating cycle	80%	-
Opening/closing time	9"	-
Weight	7,5 Kg	6,80 Kg



INSTALLATION DRAWING



DIMENSIONS



SUGGESTED ACCESSORIES

DA.S04



Control unit, for max. 4 VE.SOR, prepared for plug-in receiver
N.B. 1 module DA.E each VE.SOR is required

DA.E



Module for VE.SOR (one DA.E each VE.SOR)

DA.RB



Battery charger card for DA.S04

DA.BT2 DA.BT6



6Ah 12V DC battery
2.1Ah 12V DC battery

RR.2WIV



2 channels plug-in rolling code receiver

RR.2WBV



2 channels rolling-code receiver with plastic box and terminals

CU2RWV

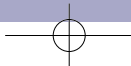


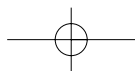
2 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

CU4RWV



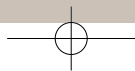
4 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

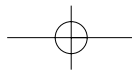




ELECTRONIC EQUIPMENTS

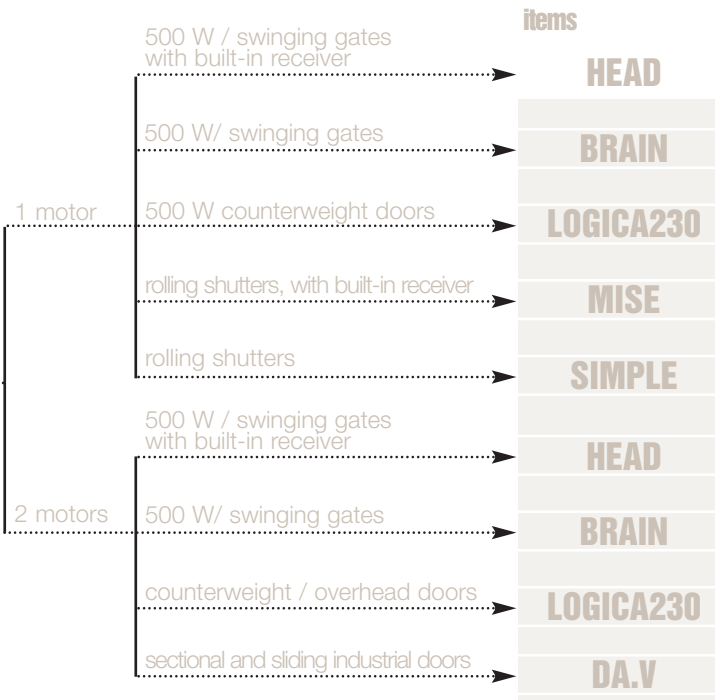
signals & controls





YOUR IDEAL PRODUCT

230 Vac CONTROL PANELS single-phase



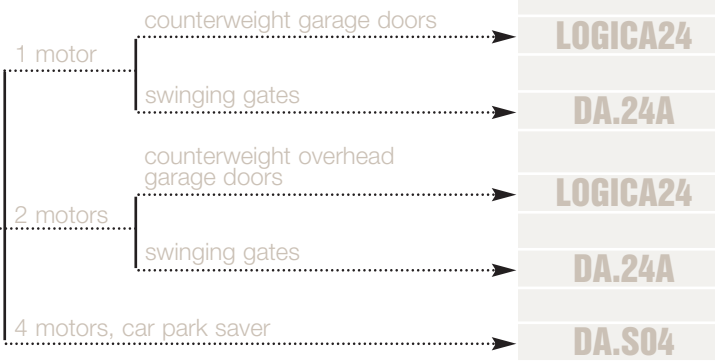
230/400 Vac CONTROL PANELS single-phase / three - phases

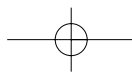


400 Vac CONTROL PANELS three - phases



24 Vdc CONTROL PANELS





Control panels

signals & controls



230 Vac



BRAIN

230Vac control panel for one or two motors up to 500W. Further the standard functions, there are some other sophisticated features, such as: soft opening and closing, parameters adjustment through digital display, automatic and semi-automatic functions, "dead man". Brain is also prepared for the wiring of the conductive safety edge 8K2 and 12V electric lock. Suitable also for hydraulic operators.



HEAD

230Vac control panel for one or two motors up to 500W. It includes a built-in 433,92 Mhz receiver and a plug-in connection for a second radio receiver. Among the main features there are: pedestrian opening input, 12Vac electric lock output, electromechanical power adjustment.



LOGICA230

230Vac control panel for one or two 230Vac operators for counterweights garage doors ZED or AU.96. Among the main features there are: slowing down in opening and closing, conductive safety edge input 8K2, separate inputs for opening and closing and electromechanical power adjustment.



SIMPLE

230Vac control panel for one motor up to 500W. Semi-automatic and "dead man" functions setting-up by dip switches. Inputs for opening / closing push buttons and for limit switches available. Prepared with plug-in connection for radio receiver.



MISE-RE

230Vac control panel for one motor up to 500W. Semi-automatic and automatic functions available. Prepared with plug-in connection for radio receiver.



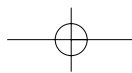
MISE-RI

230Vac control panel for one motor up to 500W. Semi-automatic and automatic functions available. 433,92Mhz built-in receiver included.



DA.V

230 Vac control unit for single-phase operators, VN.S-M series.



Control panels



signals & controls



230-400 Vac



DA.C15

Control unit for one operator up to 1500 W, 230 V single-phase/ 400 V three-phase. With "Dead man" function, step by step/ open/close separated inputs.



DA.C15P

Control unit for one operator up to 1500 W, 230 V single-phase /400 V three-phase. With "Dead man" function, step by step/ open/close separated inputs. Complete with push buttons.



DA.C15I

Control unit for one operator up to 1500 W, 230 V single-phase /400 V three-phase. With "Dead man" function, step by step/ open/close separate inputs. Complete with push buttons and door lock safety device.

400 Vac



DA.VT

400 Vac. Control unit for three-phase operators, VN.S-M.

24 Vdc



LOGICA24

Control panel for one or two 24Vdc operators for counterweights garage doors ZED24 or AU.9624. Among the main features there are: closing slowing down and amperometric anticrushing control.



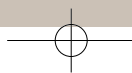
DA.24A

24Vdc control unit for single leaf or double leaf swing gates. Suitable for 1 or 2 24Vdc operators. With electronic adjustment of the power and slowing down functions. Possibility to add a battery back-up system.



DA.S04

24 Vdc. Control unit for max. 4 VE.SOR.1 DA.E module each VE.SOR is required. Prepared for plug-in receiver.





EXTERNAL CONTROL PANELS FEATURES

	SIMPLE	MISE.RI	MISE.RE	HEAD	BRAIN	LOGICA.230	LOGICA.24	DA.24A	DA.V	DA.VT	DA.C15	DA.S04
Motors power supply 24Vdc							•	•				•
Motors power supply 230Vac	•	•	•	•	•	•			•		•	
Motors power supply 400Vac										•	•	
Step by step input		•	•	•	•	•	•	•	•	•	•	•
Open Input	•				•	•	•	•	•	•	•	
Close Input	•				•	•	•	•	•	•	•	
Pedestrian opening input				•	•				•	•	•	
Photocell input		•	•		•	•	•		•	•	•	
Photocell input in opening phase				•	•				•			
Photocell input closing phase				•	•				•			
Stop safety input	•	•	•	•	•	•	•	•	•	•	•	
Conductive safety edge input					•	•	•		•	•	•	
Limit switches input for Motor 1	•	•	•		•	•	•	•	•	•	•	
Limit switches input for Motor 2					•	•	•	•	•	•	•	
Motor 1 output	•	•	•	•	•	•	•	•	•	•	•	
Motor 2 output				•	•	•	•	•	•	•	•	
Flashing light output	•	•	•	•	•	•	•	•	•	•	•	
12 Vac electric lock output				•	•							
Auxiliary output for optional electric-lock card		•	•					•				
Courtesy light output					•	•			•	•		
Auxiliary output 24Vdc	•	•	•	•	•	•	•	•	•	•	•	•
Gate open indicator		•	•	•	•	•	•	•	•	•	•	
2nd radio channel output		•	•	•	•	•	•	•	•	•	•	
"Dead Man" function	•				•	•	•	•	•	•	•	
Semi-Automatic function	•	•	•	•	•	•	•	•	•	•	•	
Automatic function	•	•	•	•	•	•	•	•	•	•	•	
Condominial function	•	•	•	•	•	•	•	•	•	•	•	
Step by step functioning Open-Close-Open	•	•	•	•	•	•	•	•	•	•	•	
Timer function in opening					•							
Slowing down					•	•	•	•				
Electronic brake												
Pre-warning flashing light				•	•	•			•	•	•	
Disable photocell in opening phase		•	•		•	•	•		•	•	•	
Close immediately after photocell				•	•							
Maintaining hydraulic motor pressure					•							
Opening delay time Motor 2					•							
Opening delay time Motor 1					•							
Electromecanical adjustment force				•		•						
Electronic adjustment force					•		•	•				•
Speed adjustment							•	•				
Starting with maximum power					•	•						
Parameters adjustment through potentiometer		•	•	•	•	•	•	•	•	•	•	•
Parameters adjustment through Digital Display					•							
Diagnostic LEDS		•	•	•	•	•	•	•	•	•	•	
433,92 Mhz built-in receiver		•	•	•								
Inputs diagnostic through Digital Display					•							
Cycles counter					•							
Back up system							•	•			•	

CONTROL PANEL ACCESSORIES

SB



Box for control panels Mise e Simple

LB



Standard Box for control panels

**KPO
KPC**



Set of 2 green push buttons and front cover for Box LB
Set of 2 push buttons (green and red) and front cover for box LB

LOCK



Circuit for electric-lock and light, suitable for 230 Vac control panels.

DA.IN



Box for control panels

DA.CL



Galvanized column for outdoor installation of control units





BUILT-IN CONTROL PANNELS FEATURES

	MS4	MS424	RI.6E	RI.6I	RI.624	RI.10KI	ZED/ZEDL	ZED24	KEN	KEN 3/4 RI	KEN 3/4 RE	LADY-BE	VE.250/I VE.500/I VE.650/I
Motors power supply 24Vdc		•			•			•	•	•	•	•	•
Motors power supply 230Vac	•		•	•		•	•						
Motors power supply 400Vac													
Step by step input	•	•	•	•	•	•	•	•	•	•	•	•	•
Open Input	•	•	•	•	•	•	•	•	•	•	•	•	•
Close Input	•	•	•	•	•	•	•	•	•	•	•	•	•
Pedestrian opening input	•	•			•	•							
Photozell input	•	•		•	•	•	•	•	•	•	•	•	•
Photozell input in opening phase													
Photozell input closing phase													
Stop safety input	•	•	•	•	•	•	•	•	•	•	•	•	•
Conductive safety edge input	•	•			•	•	•	•	•	•	•	•	•
Limit switches input for Motor 1	•	•	•	•	•	•	•	•	•	•	•	•	•
Limit switches input for Motor 2													
Motor 1 output	•	•	•	•	•	•	•	•	•	•	•	•	•
Motor 2 output													
Flashing light output	•	•	•	•		•	•	•	•	•	•	•	•
12 Vac electric lock output													•
Auxiliary output for optional electric-lock card													
Courtesy light output							•	•	•	•	•	•	•
Auxiliary output 24Vdc	•	•	•	•	•	•	•	•	•	•	•	•	•
Gate open indicator	•	•	•	•	•	•	•	•	•	•	•	•	•
2nd radio channel output	•	•	•	•	•	•	•	•	•	•	•	•	•
"Dead Man" function						•				•	•	•	•
Semi-Automatic function	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic function	•	•	•	•	•	•	•	•	•	•	•	•	•
Condominial function	•	•	•	•	•	•	•	•	•	•	•	•	•
Step by step functioning Open-Close-Open	•	•	•	•	•	•	•	•	•	•	•	•	•
Timer function in opening													
Slowing down	•	•			•	•	•	•	•	•	•	•	•
Electronic brake	•					•							
Pre-warning flashing light	•	•	•	•	•	•	•	•	•	•	•	•	•
Disable photocell in opening phase	•	•	•	•	•	•	•	•	•	•	•	•	•
Close immediately after photocell													
Maintening hydraulic motor pressure													
Opening delay time Motor 2													
Opening delay time Motor 1													
Electromecanical adjustment force			•	•			•						
Electronic adjustment force	•	•				•			•	•	•	•	•
Speed adjustment		•			•			•	•	•	•	•	•
Starting with maximum power	•		•	•			•						
Parameters adjustment through potentiometer	•	•	•	•	•		•	•	•	•	•	•	•
Parameters adjustment through Digital Display													
Diagnostic LEDS	•	•	•	•	•	•	•	•	•	•	•	•	•
433,92 Mhz built-in receiver									•	•			
Inputs diagnostic through Digital Display													
Cycles counter													
Back up system		•			•			•				•	•
Encoder				•	•								

CONTROL PANEL ACCESSORIES

DA.2S



Electronic module for sliding gates which allows the synchronized movement of 2 gates

DA.RB



Battery charger card for DA.S04

DA.24CB



Battery charger card for VE.250/I, VE.500/I - VE.650/I - DA.24A

CB24V



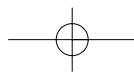
Battery charger card for LADY-BE, LOGICA24, MS424, Zed24

**DA.BT6
DA.BT2**



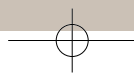
6Ah 12V DC battery
2.1Ah 12V DC battery

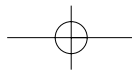




ELECTRONIC EQUIPMENTS

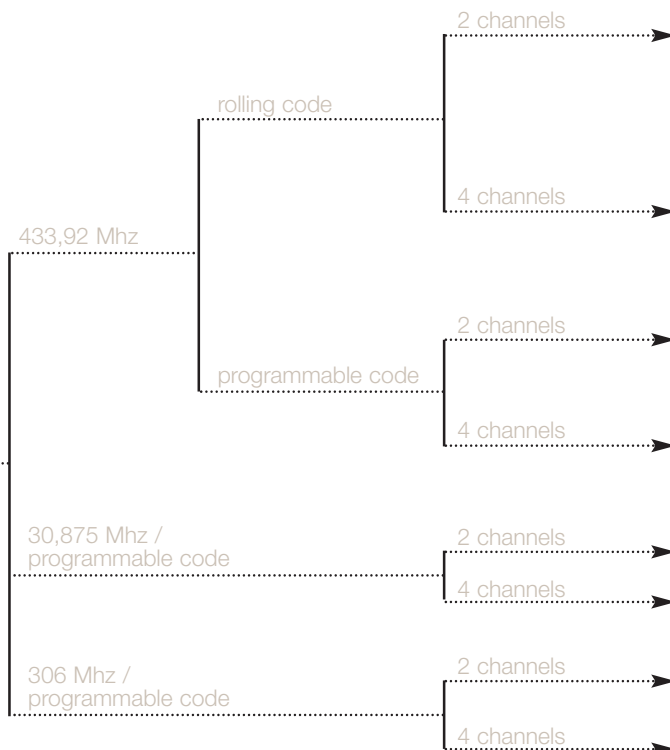
remote controls



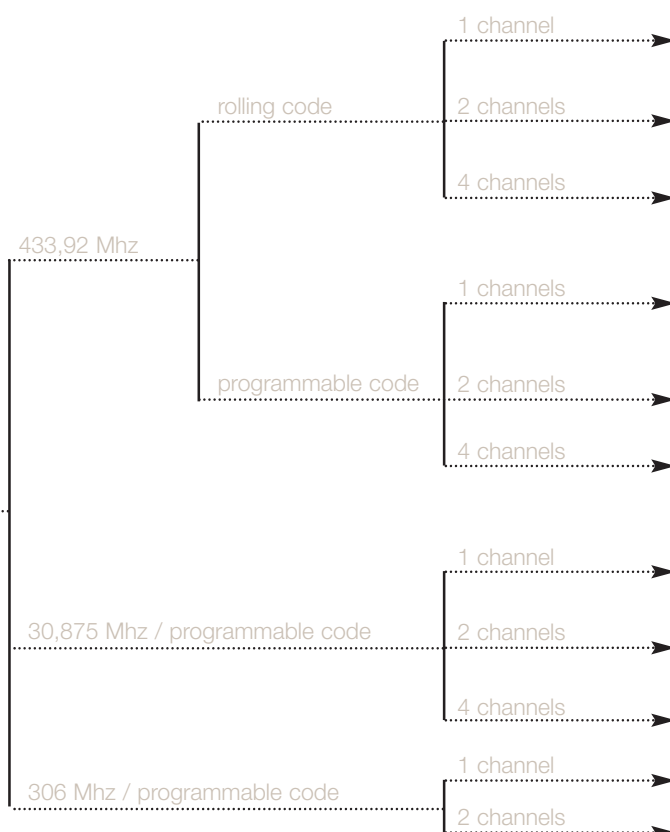


YOUR IDEAL PRODUCT

TRANSMITTERS

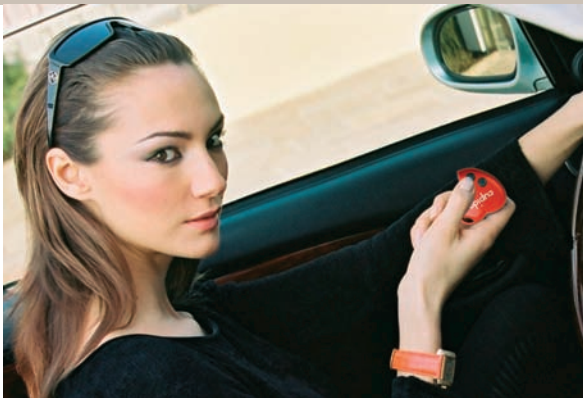
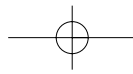


RECEIVERS



items

- CU2RWV CU2NWX
T2WV
T2WVS
LO.T2WVR
ROLLKEY ELEGANT
ROLLKEY DE LUXE
APPLE.2
- CU4RWV CU4RWX
T4WV
T4WVS
LO.SPEED4
APPLE.4
- T2WK
LO.T2WMS
LO.T2W
- T4WK
LO.T4W
- LO.T2E
- LO.T4E
- LO.TX2PS
LO.TX2A
- LO.TX4A
- RR.1WIV
RR.1WBV
- RR.2WIV
RR.2WBV
- LO.R4WCV
- LO.R1W
R1WB
LO.R1WS
- LO.R2W
R2WB
- LO.R4W
- LO.R1E
R1EB
- LO.R2E
R2EB
- LO.R4E
- LO.R1A
- LO.R2A



433,92 Mhz rolling code Receivers and transmitters

remote controls



CU2RWV

2 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

CU4RWV

4 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

CU2N WV

2 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

CU4N WV

4 channels rolling-code transmitter, CUPIDO series, 18 billion of billions combinations, key-case shaped

T2WV

2 channels rolling-code transmitter, atmosfera series, 18 billion of billions combinations, key-case shaped

T4WV

4 channels rolling-code transmitter, atmosfera series, 18 billion of billions combinations, key-case shaped



T2WVS

2 channels rolling-code transmitter, 18 billions of billions combinations. Sequential self-learning of the transmitters. Key-case shaped.

T4WVS

4 channels rolling-code transmitter, 18 billions of billions combinations. Sequential self-learning of the transmitters. Key-case shaped.

LO.T2WMR

2 channels rolling-code transmitter, 18 billion of billions combinations, key-case shaped

ROLLKEY ELEGANT

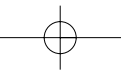
2 channels rolling-code transmitter, 18 billion of billions combinations, key-case shaped

ROLLKEY DE LUXE

2 channels rolling-code transmitter, 18 billion of billions combinations, key-case shaped

LO.SPEED4

4 channels rolling-code transmitter with aerial, for lift trucks



RECEIVERS

RR.1WBV



1 Channel rolling code receiver with plastic box and terminals

RR.2WBV



2 Channels rolling code receiver with plastic box and terminals

RR.1WIV



1 channel plug-in rolling code receiver.

RR.2WIV



2 channels plug-in rolling code receiver.

LO.R4WCV



External self-learning 4 channels receivers. It comes with 1 LO.AR1 on board. Other 3 LO.AR1 are needed to get a complete 4 channel receiver.

LO.AR1



Relay module for LO.R4WCV



Advantage

The ADVANTAGE systems performs the following:

- to create a database (archive) on PC for each single receiver.
- It can manage for every different transmitter, the name of the owner complete of possible photo, note, telephone number, address, etc.
- to previously store all the required transmitter codes in the programmer memory and then, after reaching the installation place, unload the archive in the receiver's memory and activate the system.
- to delete a transmitter which could have been lost or stolen.
- to temporarily disable a transmitter previously memorized on the receiver's memory.
- to manage, in the event of multi-channel receivers and transmitters, in a very simple way, the matching between the transmitter's button and the receiver's channel.
- to protect the receiver with a password in order to avoid undesired access and to generally protect the installation.
- to rapidly reset an installation in case of fault or damage. In fact, you will just have to reload the archive you saved on your PC in the receiver's memory in order to get an exact clone of the faulty or damaged memory.

AERIALS

AW



Antenna with 5 m cable for LAMP/LAMP24.

LO.W1N



Aerial with 5m cable.

LO.W1LUX



Aerial with 5m cable for ID.LUX/ID.LUX24.

ACCESSORIES

BT12



12 V Battery, for transmitter, available in 50 pcs packing.

BT3



3 V Battery, for rollkey, available in 25 pcs packing.

ST



Support for transmitters. T2WV/S-T4WV/S packing:10 pcs

Compatible receivers: RR.1WBV - RR.2WBV (in plastic box)
RR.1WIV - RR.2WIV (with molex connection).
Compatible transmitters:
T2WV/S - T4WV/S, cupido, rollkey.



ADVANTAGE

COMPLETE UNIVERSAL REMOTE CONTROL SETS



KRC

Remote controls, set composed of:
1 RR.2WBV Receiver
1 CUPIDO CU2RWW Transmitter
1 CUPIDO CU2NWW Transmitter

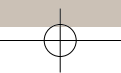


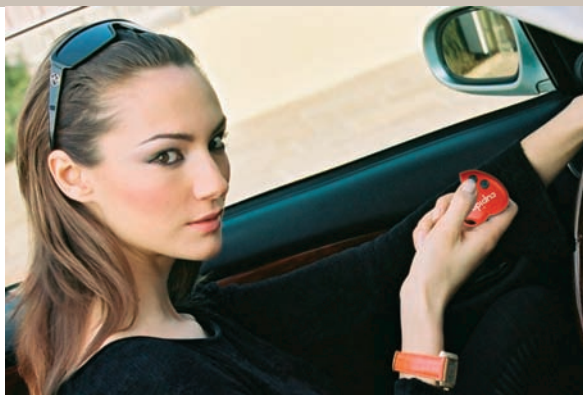
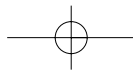
KRU

Remote controls, set composed of:
1 RR.1WBV Receiver
2 T2WV Transmitters
1 AW Aerial

THE ADVANTAGE SYSTEM INCLUDES:

- SET-UP CD with related software
- 9V power supply system
- Card and cable to program the transmitters
- USB cable to connect the Advantage to the PC





433,92 Mhz programmable code Receivers and transmitters

remote controls



T2WK

2 channels self-learning code transmitter



T4WK

4 channels self-learning code transmitter



LO.T2WMS

2 channels transmitter with programmable code by dip-switches



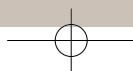
LO.T2W

2 channels transmitter with programmable code by dip-switches



LO.T4W

4 channels transmitter with programmable code by dip switches



RECEIVERS

R1WB



Single-channel self-learning receiver. Suitable for programmable code transmitters. With plastic box and terminals.

R2WB



Universal two-channels self-learning receiver. Suitable for 433,92 MHz programmable code transmitters. With plastic box and terminals.

LO.R1W



Plug-in single channel self learning code receiver.

LO.R2W



Plug-in double-channel self-learning code receiver.

LO.R1WS



External self-learning code receiver with power relay up to 350 W.

LO.R4W



External 4 channels modular receiver with self-learning function. Suitable for 433,92 Mhz programmable code transmitters. It comes with 1 LO.AR1 on board. Other 3 LO.AR1 are needed to get a 4 channels receiver.

LO.AR1 € 9,00each



Relay module for LO.R4W
Packing 6 pcs.

AERIALS

AW



Aerial with 5 m cable for LAMP/LAMP24.

LO.W1N



Aerial with 5m cable.

LO.W1LUX



Aerial with 5m cable for ID.LUX/ID.LUX 24.

ACCESSORIES

BT12

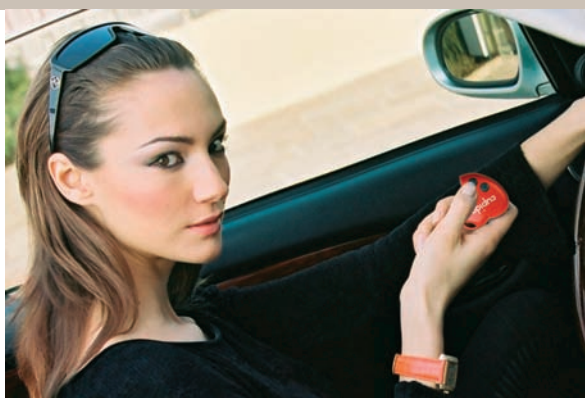
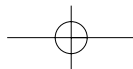


12 V Battery, for transmitter, available in 50 pcs packing.

ST



Support for T2WK/T4WK
Packing 10 pcs.



30,875 Mhz programmable code Receivers and transmitters

remote controls



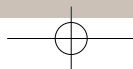
LO.T2E

2 channels quartz transmitter,
with dip-switch code.
Key-case shaped.



LO.T4E

4 channels quartz transmitter,
with dip-switch code.
Key-case shaped.



RECEIVERS

R1EB



Single-channel self-learning receiver. Suitable for LO.T2/4E With plastic box and terminals

R2EB



Two-channels self-learning receiver. Suitable for LO.T2/4E With plastic box and terminals

LO.R1E



Plug-in single channel self-learning code receiver for LO.T2/4E

LO.R2E



Plug-in double channels self-learning code receiver for LO.T2/4E

LO.R4E



External four-channels modular receiver. Suitable for LO.T2/4E It comes with 1 LO.AR1 on board. Other 3 LO.AR1 are needed to get a 4 channels receiver.

LO.AR1



Relay module for LO.R4E Packing 6 pcs

AERIALS

LO.E1N



Aerial with 5m cable.

LO.E1LUX



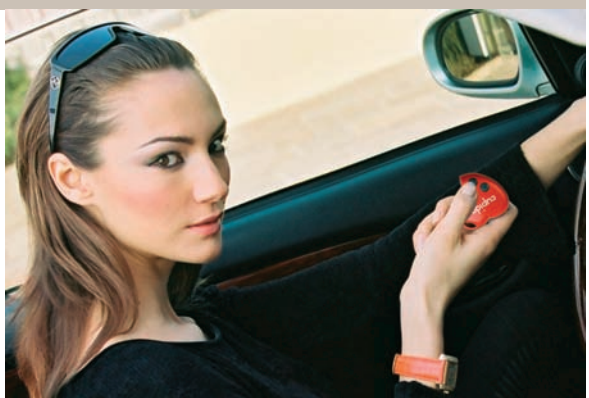
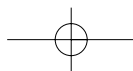
Aerial with 5m cable for ID.LUX/ID.LUX24.

ACCESSORIES

BT12



12 V Battery, for transmitter, available in 50 pcs packing.



306 Mhz programmable code Receivers and transmitters

for non EEC markets only

remote controls



LO.TX2PS

2 channels transmitter, with dip-switch code, key case shaped.

RECEIVERS

LO.R1A



Plug-in single-channel receiver for LO.TX2P

LO.R2A



Plug in double-channels self-learning code receiver for LO.TX2P

AERIALS

LO.A1N



Aerial with 5m cable.

LO.A1LUX



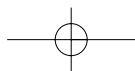
Aerial with 5m cable for ID.LUX/ID.LUX24.

ACCESSORIES

BT12

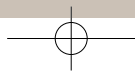


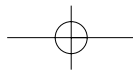
12 V Battery, for transmitters. Available in 50 pcs packing.



ELECTRONIC EQUIPMENTS

safety devices





Safety devices



FTO € 45,00

Photocells for surface fitting, 180° adjustable beam with synchronization.
 Dimensions: 37 mm Width, 36 mm Depth, 104 mm Height



FTM FMS

FTM Photocells for surface fitting. FMS Synchronised photocells for surface fitting (up to 15 pairs can be mounted on the same column).
 Dimensions: 51 mm Width, 31 mm Depth, 90 mm Height



FTC FTS

FTC: Photocells for surface fitting. They can be fitted also on aluminium columns COL05 COL12

FTS: Synchronised photocells for surface fitting (up to 15 pairs can be mounted on the same columns) They can be fitted also on aluminium columns COL05 COL12



SC.P30QI

Photocells for recess fitting (flush mounted), complete with plastic containers.



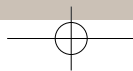
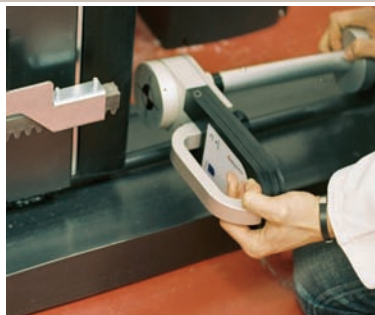
SC.P30QE

Photocells for surface fitting complete with plastic containers.



IGF

INSTRUMENT FOR THE MEASURING OF THE IMPACT-GENERATED FORCES



Safety devices

SC.RES



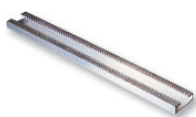
Safety edge in conductive low rubber.
Minimum packing: 20 m.
(28.5 mm Width, 24.5 mm Height)

SC.RL



Safety edge in conductive high rubber.
Minimum packing: 20 m.
(30 mm Width, 86 mm Height)

SC.A



Aluminium profile for SC.RES / SC.RL.

SC.90



Angular device kit for SC.RES.

SC.L



Linear device kit for SC.RES.

SC.E



Interface for SC.RES / SC.RL safety edge.
To be used when the main control panel does not have the "conductive edge input" on board.

SC.P35



Pneumatic safety edge with plugs and aluminium profile. Packing: 40m

SC.PP



Pressure switch with normally closed contact for SC.P35.

**SC.M71
SC.M72**



Mechanical safety edge, 1.5 m.
Mechanical safety edge, 2 m.

SC.R15



Rubber profile, 15mm high, for SC.M72/71.
Minimum packing: 25 m.

**SC.R71
SC.R72**



Rubber profile, 70 mm high, for SC.M71.
Rubber profile, 70 mm high, for SC.M72.

SC.TCM



Radio transmitter for mechanical safety edge SC.M71 / 72.

SC.RCS



Receiver for SC.TCM.

**SC.F15
SC.F20
SC.F25**



Mechanical safety edge, 1.5 m long.
Mechanical safety edge, 2 m long.
Mechanical safety edge, 2.5 m long.

SC.PA



Cable driver profile in anodised aluminium.
It requires : SC.W, SC.MG, SC.KE.

SC.W



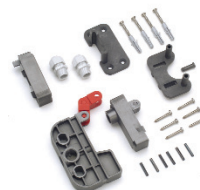
5-pole electric cable for cable driver SC.PA.
Length of SC.W = length of SC.PA + 1 m min.

SC.MG

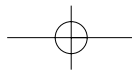


Chain link for SC.PA.
Length of SC.MG = length of SC.PA + 20 cm.

SC.KE



Cable driver mounting set for SC.PA.



ALUMINIUM COLUMNS FOR PHOTOCELLS

COL05



Column for photocell FTC/FTS. It requires base SUP and FPC adapter, h=0.5 m.

COL05F



Couple of preassembled columns with FTC. They require SUP base H=0.5 m.

COL12



Column for CH selector switch and FTC/FTS photocell (it requires 1 SUP + 1KC + 1 FPC) or for double photocell (it requires 1 SUP + 2 FPC) H=1m.

COL12F



Couple of preassembled columns with 2 FTC. They require SUP base H=1 m.

SC.PEQ



Column in anodised aluminium with base, preset for SC.P30QI photocell. H=0.5 m.

SC.PNQ

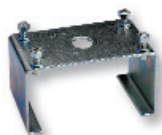


Column in anodised aluminium with base, preset for SC.P30QI double photocell. H=1 m.



ACCESSORIES

SC.ST3



Galvanized counterplate to be cemented for SC.PEQ-SC.PNQ

FPC



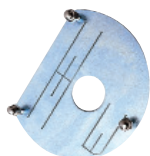
Adapter for fitting of FTC/FTS photocells and PNO/PNC push button on COL05/10/12 column.

SUP



Base for COL05/F, COL12/F, COL10/C columns.

CEM



Counterplate to be cemented for SUP base.

SC.PD



Plastic container for recess SC.P30QI. 2 pcs packing.

SF



Lateral support for FTC/FTS photocells. 2 pcs packing.

SC.F

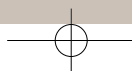


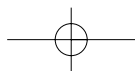
Shears for cutting SC.RES at 45°

SC.GL

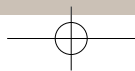


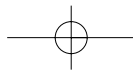
Cyanoacrylic glue for SC.RES.





ELECTRONIC EQUIPMENTS warning&signal devices





Warning & signal devices



BE-PLAY

Digital pad, double programming: normal or advanced.



BE-REC

24 Vac/dc 2 channels receiver for BE-PLAY. It is possible to link up to 4 BE-PLAY. Relay output max 500 mA



TOKEY TOKEY.E

Surface mounting key selector
Surface mounting key selector with European cylinder



CH

Key selector, in die-cast aluminium with waterproof micro switches. KE or KI or KC accessories are required for different way of fittings.



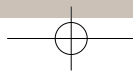
Me and my **apple**

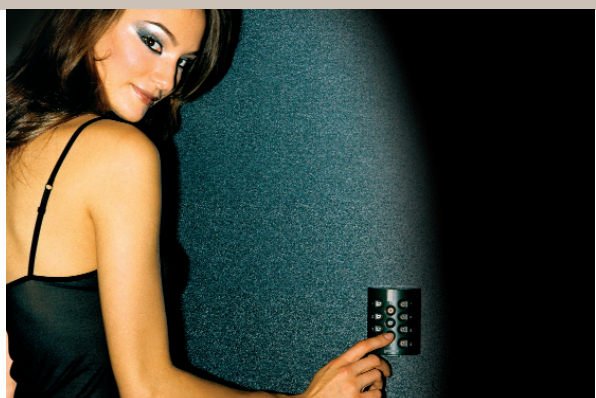
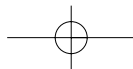


New 433.92 Mhz self-learning rolling code transmitter available with 2 or 4 channels. It is held into a surface mounting container.

APPLE.2

APPLE.4



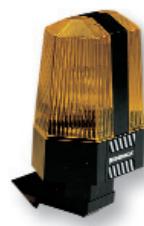


Warning & signal devices



**LAMP
LAMP24**

Flashing light, 230 V AC
Flashing light, 24 V AC



**ID.LUX
ID.LUX24
ID.LUX24C**

Flashing light, 230 V AC
Flashing light, 24 V AC
Flashing light, 24 V AC. It can be used with control unit without intermittence output circuit.

ID.SC



Recess mounting key selector

ID.SCE



Surface mounting key selector

ID.SCM



Magnetic key selector.

PNO/PNC



Surface mounting push buttons. It can be fitted also on aluminium columns COL 10/12 with the adapter FPC.
PNO: Open / Close
PNC: Step by step / Stop

ID.PM1

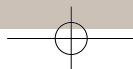


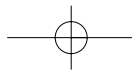
STEP-BY-STEP/STOP surface mounting push button.

ID.PM2



UP/DOWN surface mounting push button.





ALUMINIUM COLUMNS FOR KEY-PADS



COL10



Column for key selector.
SUP base and KC
adapter are required
H=1 m.

COL10C



Pre-assembled column
with CH.
SUP base is required.
H=1 m.

ACCESSORIES

KE



Surfaced mounted box
for CH key selector
switch.

KI



Flush mounted for CH
key selector.

KC



Adapter for CH key
selector on COL10/12
columns.

FPC



Adapter for mounting
of FTC/FTS photocells
and PNO/PNC push
button on COL05/12
columns.

SL



Articulated support for
LAMP/LAMP24 flashing lights.

ID.PD



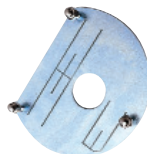
Plastic container for
ID.SC. Packing 2 pcs

SUP



Base for COL05/10/12/
05F/10C/12F columns.

CEM



Counterplate to be
cemented for SUP base.

ID.SK



Neutral key for ID.SC - ID.SCE

ID.MK



Magnetic key for ID.SCM. It comes
already programmed for ID.SCM.

ID.TA

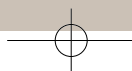


English Warning board.

KC-BEPLAY



Adapter for CH key
selector on COL10/12
columns.



Sales Contract General Terms of Sale

The prices of the goods are those established in the price list in force on the date of drawing up this contract and which the Buyer declares that he knows and approves; the price list in force cancels and nullifies all previous ones.

AUTOMATISMI BENINCÀ Spa reserves the right to alter the price list at any time, notifying the Buyer accordingly. The goods are sold ex works from AUTOMATISMI BENINCÀ Spa - Sandrigo (VI).

The goods travel at the Buyer's own risk, even when sent carriage paid. No claims are accepted after 15 days from the receipt of goods. In no way can the complaint give grounds for the cancellation or reduction of the order by the Buyer, nor for the payment of any indemnity for damages 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. The guarantee offered by AUTOMATISMI BENINCÀ Spa has a duration of 24 months from the date of production and is limited exclusively to the repair or replacement, free of charge, of any part acknowledged by the manufacturer as faulty due to the lack of essential qualities in the materials or to errors in workmanship. The guarantee does not cover any damage or fault due to external agents, insufficient maintenance, overloading, manual wear, choice of the incorrect type, errors in assembly, or other causes which cannot be attributed to AUTOMATISMI BENINCÀ Spa.

The responsibilities of AUTOMATISMI BENINCÀ Spa for any damage suffered by anyone as a result of accidents of any kind whatsoever caused by our faulty products are solely those recognised without exception by the ITALIAN law.

Delivery time is to be intended from the receipt of the order and is expressed in working days.

No delay may give grounds for claims for damage, or for cancellation or reduction of the contract by the Buyer. Among the causes of force majeure that prevent the activity of the works of AUTOMATISMI BENINCÀ Spa and justify the suspension or delay in the execution of the contracts, besides those contemplated by the Civil Code, are to be considered the following: atmospheric events, earthquakes, fire, strikes without prior warning, interruptions of transport and communications, scarcity of power supply and of the necessary raw materials, breakdown of machinery and of the production plants.

The order is accepted by AUTOMATISMI BENINCÀ Spa without any commitment and subject to the possibility of obtaining the raw materials necessary for production purposes; any failure to fulfil the order, in whole or in part, shall not give rise to claims and reserves for damages.

In the event of cancellation of specific production orders for items not in the catalogue, the Buyer is required to pay AUTOMATISMI BENINCÀ Spa a compensation amounting to 20% of the cancelled order, without prejudice to the right to claim for further damages.

Once the term of payment indicated on the invoice has elapsed, interest for arrears will be charged at the current bank TOP-RATE, without prejudice to further action for the protection of credit.

Any breach on the part of the Buyer authorises AUTOMATISMI BENINCÀ Spa to suspend execution of all other orders and possible shipments of goods relevant to the defaulting contract which may be in progress at the time.

Retention of title:

a) It is agreed that the Products delivered remain AUTOMATISMI BENINCÀ Spa's property until complete payment is received by AUTOMATISMI BENINCÀ Spa.

b) The Buyer shall have the right to sell the above Products, and any new product in which the Products have been converted into other products, in the ordinary course of business, on the understanding that the proceeds of any such sale shall belong to AUTOMATISMI BENINCÀ Spa to whom the Buyer shall account such proceeds up to the concurrence of the full price due by the Buyer to AUTOMATISMI BENINCÀ Srl for the supply of such Products.

c) AUTOMATISMI BENINCÀ Spa shall have the right at any time to revoke the Buyer's right of sale by written notice to the Buyer if, according to provisions as per the above item a), the goods are still not owned by the Buyer and if the Buyer is in default of payment of any sum due to AUTOMATISMI BENINCÀ Spa for longer than 7 (seven) working days (whether in respect of Products or other goods or services supplied by AUTOMATISMI BENINCÀ Spa to the Buyer for any other reason whatsoever).

d) If AUTOMATISMI BENINCÀ Spa asserts the right as per the above item c), the Buyer shall place the Products at the disposal of AUTOMATISMI BENINCÀ Spa who shall have the right to have access to the Buyer's premises for the purpose of removing the Products.

e) Notwithstanding the retention of title, the Buyer shall act as a bailee and the Products shall be on his responsibility, according to the Articles 1766 and following of the Italian Civil Code.

At the time of signing the contract or confirmation of order, the Buyer accepts these general terms.

Any modification to the general terms must be signed by AUTOMATISMI BENINCÀ Spa and stipulated in writing before the order and shall in any case be valid for the single order.

For any dispute that may arise, it is expressly stipulated and agreed that the competent Court shall be exclusively the Court of Vicenza and that the Italian law shall be applied.

In compliance with Law 675/96, the Buyer agrees to have his personal data hereof included in both the computerised and printed files of AUTOMATISMI BENINCÀ Spa, and to their processing for commercial and administrative purposes. He also declares that he is aware of his rights with regard to the processing of said data, as per Art. 13 of Law 675/96.

AUTOMATISMI BENINCÀ Spa



How to reach us.

Italy _ Veneto _ Vicenza



BENINCA[®]

www.beninca.it