

The hand symbolises strength and versatility. A handshake conveys trust and reliability. The hand expresses concepts and ideas with simple gestures – basic, essential and immediately understood.

These are the characteristics needed in an automated gate mechanism – strength, versatility, reliability and ease of use.

These are the characteristics that Elvox has designed into their Automation products to create a high quality range of equipment that typifies the professionalism that Elvox has applied to the complex long-term development of this project.

The result is a simple system – solid, safe and reliable – features that have already won widespread acclaim.

A gesture says it all, a gesture does it all



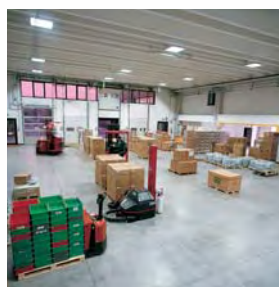


A choice of quality



An international leader in the video door entry system sector and an icon of reference in automatic gate systems and telephony, Elvox has established itself on the world market thanks to its great capacity for innovation, which it has developed and perfected over the years thanks to a highly qualified team of professionals, consolidating their skills with technologically advanced instruments and systems. The ideal of total quality is the founding principle for a company which, in order to satisfy its clients, has forever aimed at major investments in terms of human resources, sophisticated and reliable technology, and efficient logistics and distribution services.

To meet all demands on the market, Elvox has developed a complete production cycle that guarantees full control of the product, from design through to production. For this reason the R&D department represents the pulse of the company, with a state-of-the-art laboratory for testing materials and to ensure the introduction of products onto the market that meet the most stringent requirements in terms of quality, safety and reliability. Attainment of certification as a Quality Management System according to UNI EN ISO 9001:2000 is one of the most important certifications of national and international production, testimony to the commitment of Elvox in this field.





Quality marks



The quality of Elvox products is guaranteed by major national and international certification bodies. Most of the audio and video door entry systems in fact carry the marks IMQ, VDE and UL.

All products bear the CE mark, testimony to conformity with national and international production standards.

CUSTOMER SATISFACTION



PRODUCT MODIFICATIONS

To improve production, the company reserves the right to apply technical and aesthetic modifications without prior notice.

INSTALLATION PROCEDURES

Available on CD: animated procedures for installation of the main ELVOX automatic gate systems.



DOCUMENTATION ON THE WEB

The website www.elvox.com provides product catalogues, updated price lists and operation and maintenance manuals for consultation and downloading.

EAN 13 BAR CODE

Printed on each pack for automatic recognition of articles.



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INNOVATION AT THE GATE



The attention to product quality and the proposal of innovative solutions has been consolidated in the automatic gate system sector with the development of new systems and accessories, the result of the latest research in design and aesthetics.

ELVOX offers a range of complete kits for installing actuators on sliding gates, swing gates, counterweighted up-and-over and sectional doors and automatic barriers. All kits are supplied with low voltage 12 V motors to give specific safety advantages



Anti blackout Function

This innovation has been achieved thanks to the use of battery-powered 12V motors. A special electronic device keeps the battery charged so that the gate will operate even during temporary blackouts.

Heavy duty service

The actuators are guaranteed for thousands of cycles without damage or fatigue even in the case of heavy duty applications (for example, apartment block or heavy traffic entrances).

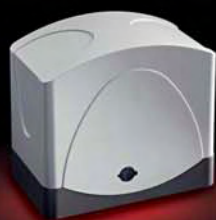
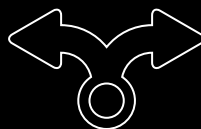
Intelligent braking

A special ELVOX electronic device slows down and brakes the gate or door before it stops, to prevent damage and noisy closure.

Electronic pressure sensor

This is obtained by a simple activation of an electronic device, and if an obstacle is present in the door or gate movement area and not detected by the photocells, the actuator stops as soon as a slight pressure is detected.



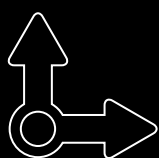


**Sliding gate
actuators**

Swing gate actuators

**Underground actuators
for swing gates**

Garage door actuators



Automatic barriers

**Automation systems for
roller shutters and blinds**

**Accessories
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Sliding gate actuators



Simply strong



Accessories
Special kits

Automation systems for
roller shutters and blinds

Automatic road barriers

Garage door actuators

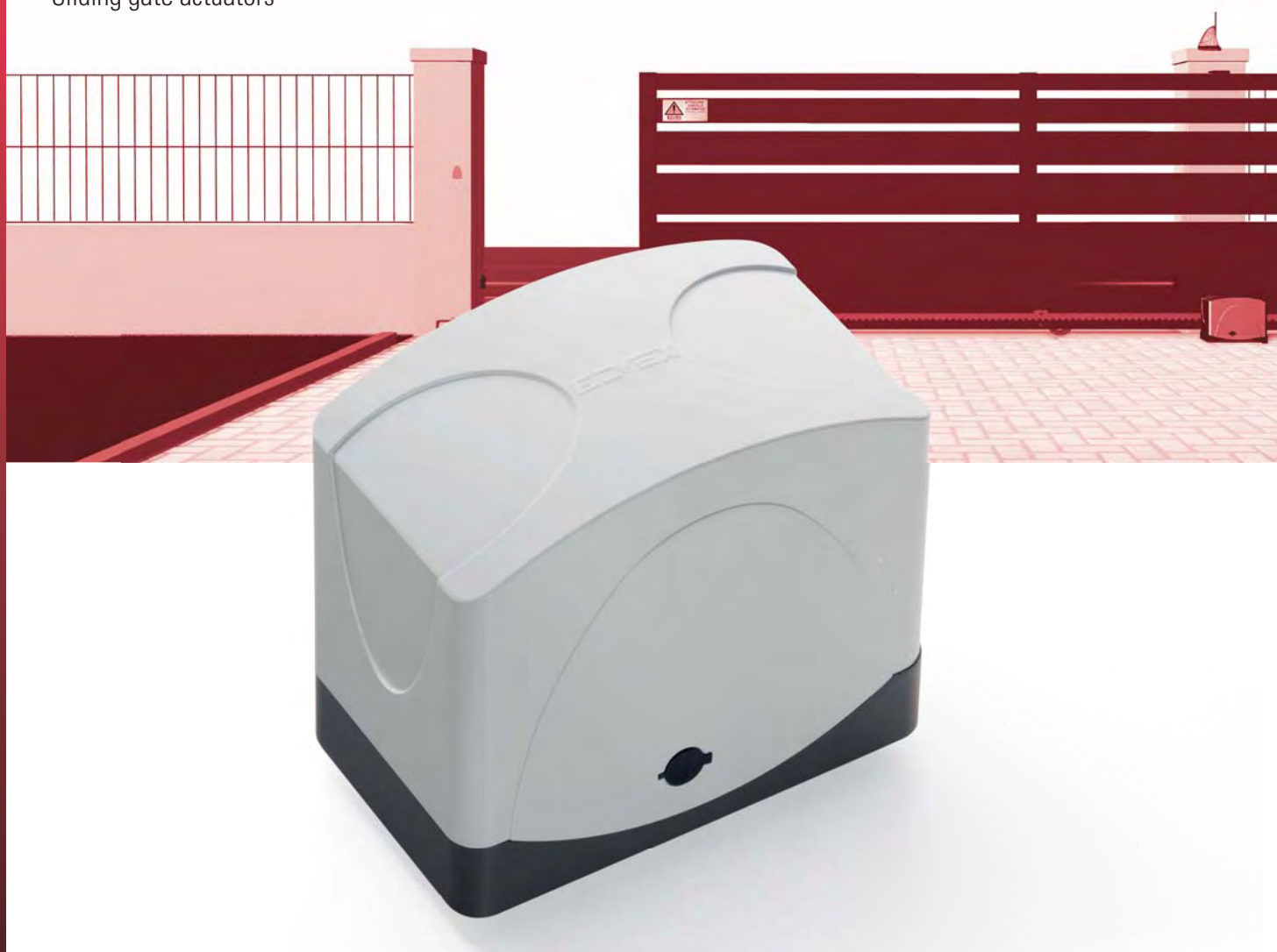
Underground actuators for
swing gates

Swing gate actuators

Sliding gate actuators

ES series

Sliding gate actuators



Main characteristics

ES series is a range of non-reversible electromechanical actuators for the automation of sliding gates in houses and apartment blocks. Fitted with 12V D.C. low voltage motors, they can also be operated using a back-up battery (optional). All models in the ES series have: a die-cast aluminium base, to which the mechanical components and the motor are fixed, a protective hood in weatherproof ABS and a mechanical lock with personalised key, which enables the gate to be opened and closed manually. The following items vary according to the different models in the ES series: maximum capacity of the actuator and model of electronic card installed.

Equipment

The actuators ES series are complete with the following standard accessories: warning sign type ZX20, rubber door stop, a pair of guides for adjustment of the rack and a pair of keys with key ring to open the mechanical actuator lock.



12V

direct current



Low Voltage. Maximum Safety.

Non-reversible electro-mechanical motors, with manual release, produced with high quality materials to guarantee prolonged lifetime and maximum reliability.

Provision for back-up battery, and removable terminal blocks to facilitate installation.

ES07

12V D.C. non-reversible actuator for sliding gate up to 600 kg. complete with transformer, electronic control card type EC25 for 1 motor, without radio receiver.

Pack quantity	1
Unit weight kg	10.6

ES08

12V D.C. non-reversible actuator for sliding gate up to 600 kg. complete with transformer, electronic control card type ZC24 for 2 motors, without radio receiver.

Pack quantity	1
Unit weight kg	10.8

ES09

12V D.C. non-reversible actuator for sliding gate up to 1000 kg. complete with transformer, electronic control card type EC25 for 1 motor, without radio receiver.

Pack quantity	1
Unit weight kg	10.6

ES10

12V D.C. non-reversible actuator for sliding gate up to 1000 kg. complete with transformer, electronic control card type ZC24 for 2 motors, without radio receiver.

Pack quantity	1
Unit weight kg	10.8

ES11

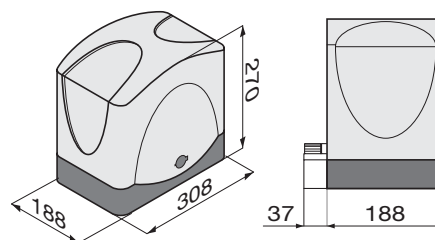
12V D.C. non-reversible actuator for sliding gate up to 600 kg. without transformer and electronic control card.

Pack quantity	1
Unit weight kg	7.8

ES12

12V D.C. non-reversible actuator for sliding gate up to 1000 kg. without transformer and electronic control card.

Pack quantity	1
Unit weight kg	7.8



Technical specifications	ES07	ES08	ES09	ES10	ES11	ES12
Supply voltage (Vca) (+6%, -10%)	230	230	230	230	-	-
Frequency (Hz)	50-60	50-60	50-60	50-60	-	-
Maximum power (VA)	150	220	150	220	-	-
Motor supply voltage (D.C.)	12	12	12	12	12	12
Rated motor power (W)	40	40	40	40	40	40
Motor speed (RPM)	1300	1300	1300	1300	1300	1300
Reduction unit speed (RPM)	42	42	31,5	31,5	42	31,5
Gate speed (m/min)	10	10	7,5	7,5	10	7,5
Maximum gate weight (Kg)	600	600	1000	1000	600	1000
Rack module	4	4	4	4	4	4
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Dimensions: LxHxP (mm)	308x270x225	308x270x225	308x270x225	308x270x225	308x270x225	308x270x225

Kit type EKS1/16

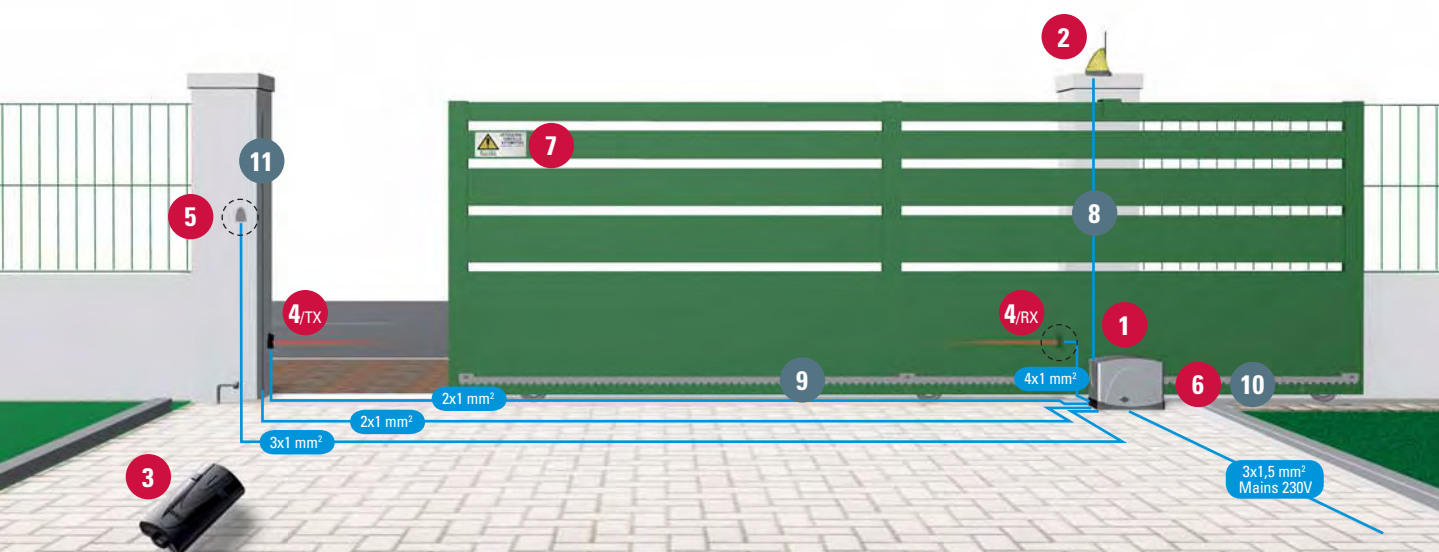
Kit for sliding gates with a maximum weight of **600 kg**



Equipment

KIT for 1 leaf up to 600 Kg, with 433 MHz radio control.
The kit consists of: 1 actuator type ES07, N.1 flashing light with support, aerial and 433MHz radio receiver type EL10, two 2-channel radio controls type ET03, 1 pair of photocells type EF04/S, 1 keyswitch type EDE4, N.1 mounting plate type ZX16.





Items supplied in kit type EKS1/16

Reference to drawing	Type	Description	Quantity
1	ES07	Sliding actuator	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	2-channel radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	1
5	EDE4	Surface wall-mounted keyswitch	1
6	ZX16	Mounting plate	1
7	ZX20	"Warning" sign	1
Weight kg	13,5		

Items not included in kit type EKS1/16

Reference to drawing	Type	Description	Quantity
8	ZX64	Cable (4x0,5 mm²)	per metre
9	ZE03	Rack in nylon	per metre
	ZE08	Modular rack	per metre
10	ZBA1	Back-up battery 12V 7Ah	1
11	ZX01	Wired mechanical safety trim	1



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Kit type EKS3

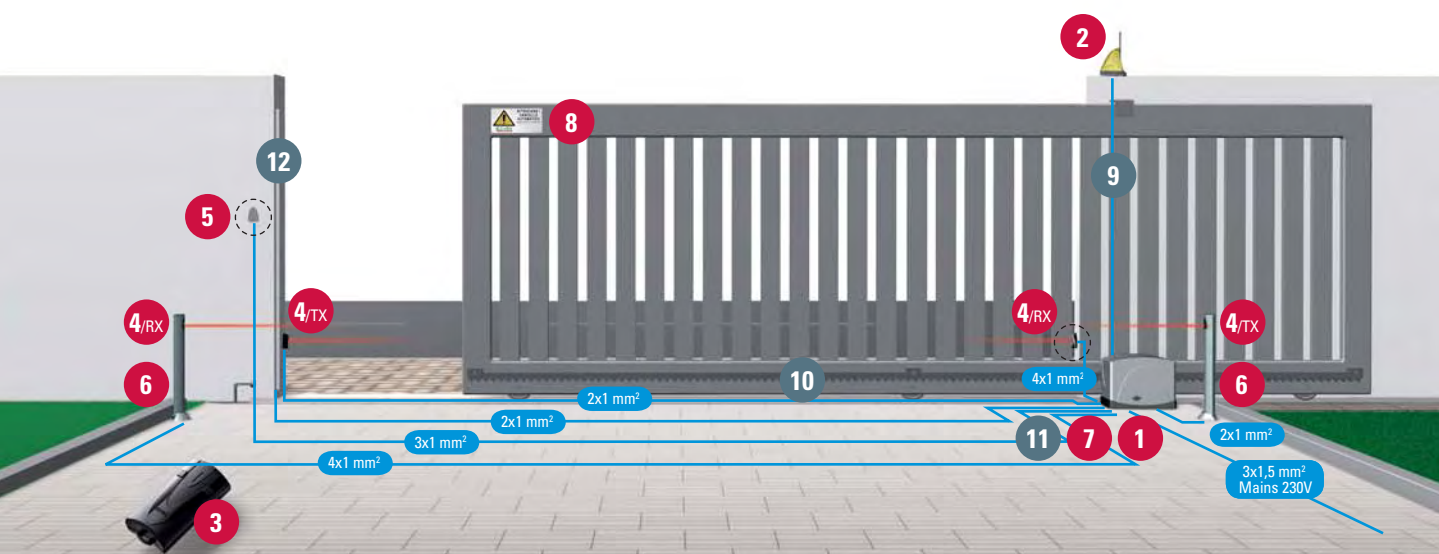
Kit for sliding gates with a maximum weight of **1000 kg**.



Equipment

KIT for 1 leaf up to 1000 Kg, with 433 MHz radio control.

The kit consists of: 1 actuator type ES09, 1 flashing light with support, aerial and 433MHz radio receiver type EL10, two 2-channel radio controls type ET03, 2 pairs of photocells type EF04/S, 2 x 500 mm low-profile posts type EE11, 1 keyswitch type EDE4
1 mounting plate type ZX16.



Items supplied in kit type EKS3

Reference to drawing	Type	Description	Quantity
1	ES09	Sliding actuator	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	ZX16	Mounting plate	1
8	ZX20	"Warning" sign	1
Weight kg	17		

Items not included in kit type EKS3

Reference to drawing	Type	Description	Quantity
9	ZX64	Cable (4x0,5 mm ²)	per metre
10	ZE07	Zinc-plated steel rack	per metre
	ZE08	Modular rack (up to 800 kg)	per metre
11	ZBA1	Back-up battery 12V 7Ah	1
12	ZX01	Wired mechanical safety trim	1



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Accessories for sliding gates



ZE03

Rectangular nylon rack, pitch 4, with steel core for sliding gates. Single item length 1000 mm. For sliding gate of 300 kg maximum weight.

Pack quantity	1
Unit weight kg	1



ZE03/10

Rectangular rack in nylon with steel core, module 4, for sliding gates max 300 Kg, 1000 mm. Pack of 10 items.

Pack quantity	10
Unit weight kg	10

ZE07

Rectangular rack in zinc-plated steel, module 4, for sliding gates max 1000 Kg, 1000 mm.

Pack quantity	1
Unit weight kg	2.5



ZE08

Modular rack in high resistance plastic with steel core, module 4, for sliding gates max 800 Kg, 1000 mm.

Pack quantity	1
Unit weight kg	1.1



ZBA1

12V 7Ah back-up battery

Pack quantity	1
Unit weight kg	2.7



ZX16

Mounting plate for sliding gates.

Pack quantity	1
Unit weight kg	1.80



6952/A

USB interface with cable and CD-Rom to control card type EC25 with PC

Pack quantity	1
Unit weight kg	0.07



950B

Portable programmer for card type EC25 and control unit type ECR1.

Pack quantity	1
Unit weight kg	0.03

Spare parts for sliding gates

**EC25**

Electronic card to control 1 motor for sliding gate, without radio receiver.

Pack quantity	1
Unit weight kg	0.5

**ZX20**

Warning sign to be mounted on the automatic gate.

Pack quantity	1
Unit weight kg	0.07

**ZX33**

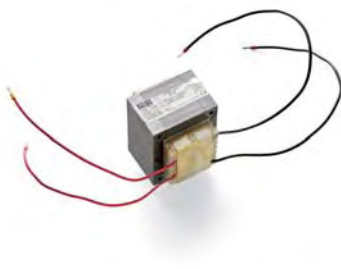
Neutral key for sliding gates, actuators and control units.

Pack quantity	1
Unit weight kg	0.01

**R306/10**

Rubber cover for lock (10 pcs).

Pack quantity	10
Unit weight kg	0.02

**R309**

230V 150A transformer for sliding motor.

Pack quantity	1
Unit weight kg	2.5

**R310**

Microprocessor version V 1.26 for control unit.

Pack quantity	1
Unit weight kg	0.01

**R311**

Electronic card for motor encoder for automatic gate systems.

Pack quantity	1
Unit weight kg	0.01

**RES1**

Cover in copolymer for ES series sliding gate actuators.

Pack quantity	1
Unit weight kg	0.8

**RES8**

Lock with key for ES series sliding gate actuators.

Pack quantity	1
Unit weight kg	0.03

**RZE3**

Set of screws for rack type ZE03.

Pack quantity	1
Unit weight kg	0.05

**RZE7**

Set of screws for rack type ZE07.

Pack quantity	1
Unit weight kg	0.1



Swing gate actuators



Simply solid



EA series

Swing gate actuators.

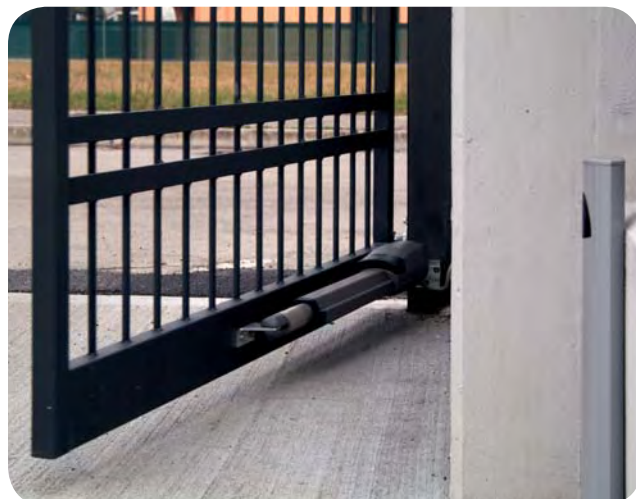


Main characteristics

Compact non-reversible electromechanical actuators with an innovative pleasant design. They are available in two versions: for 2.5 m gate leaves and 3.5 m gate leaves. They are fitted with easy to use manual release as standard. The actuator is used in conjunction with the EC series electronic control units. The actuators are fitted with low voltage (12V D.C.) motors and can also be driven by a 12V back-up battery (optional). They are designed to withstand intensive use and are therefore suitable not only for private homes, but also for apartment blocks and industrial uses.

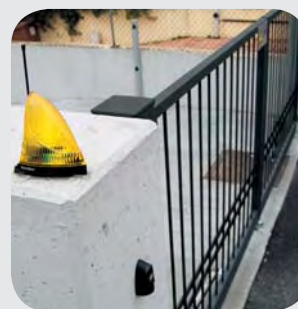
Equipment

The EA25-EA50 series actuators are complete with: a kit containing three ZX04 series fixing brackets to fix the motor and a pair of keys with key-rings for the manual release of the actuator.



12V

direct current



Low Voltage. Maximum Safety.

Non-reversible electro-mechanical motors, with manual release and personalised key.

Produced with high quality materials to guarantee maximum strength, prolonged lifetime and optimal reliability.

Simple installation for a wide range of applications.

EA25

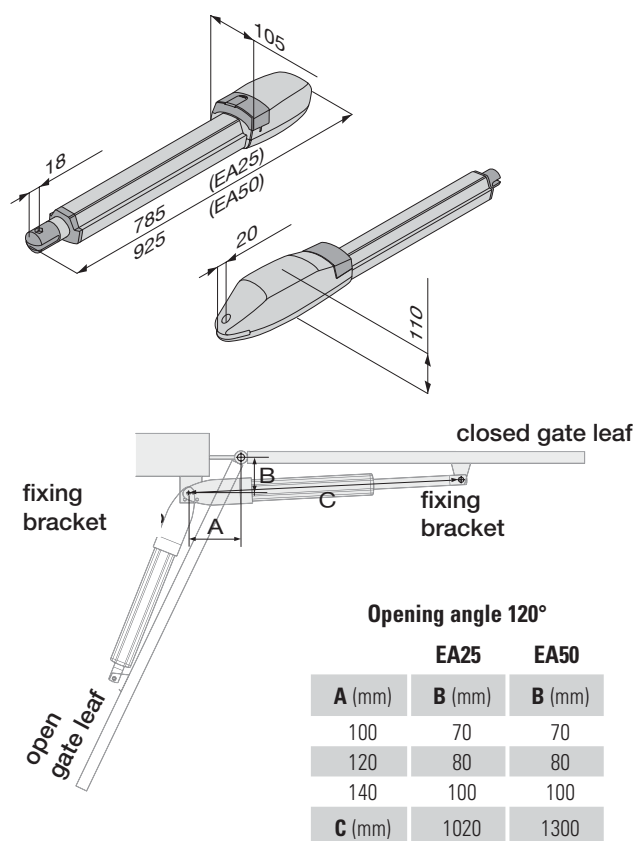
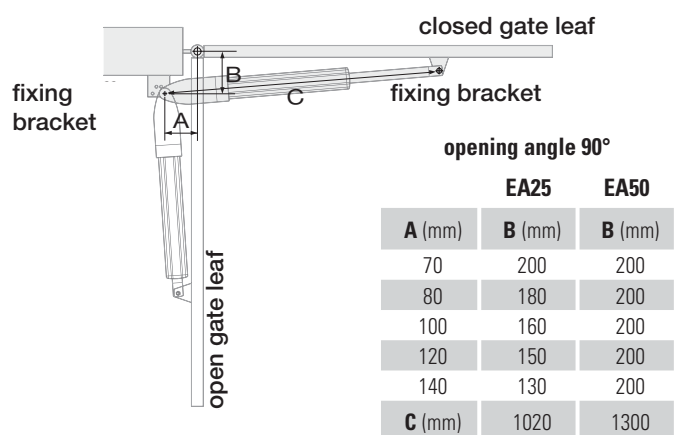
12V D.C. non-reversible actuator for swing gate up to 2.50 m max 400 kg

Pack quantity	1
Unit weight kg	8.1

EA50

12V D.C. non-reversible actuator for swing gate up to 3.50 m max 300 kg.

Pack quantity	1
Unit weight kg	8.93



Technical specifications	EA25	EA50
Motor supply voltage (V D.C.)	12	12
Rated motor power (W)	30	30
Motor speed (RPM)	1100	1100
Arm opening width (cm)	29	41
Maximum arm length (m)	2,5	3,5
Maximum gate leaf weight (kg)	400	300
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Time to open 90° (sec)	10	7,5
Max. opening angle (°)	120°	120°
Dimensions: LxHxP (mm)	785x110x105	925x110x105

Kit type EKA4

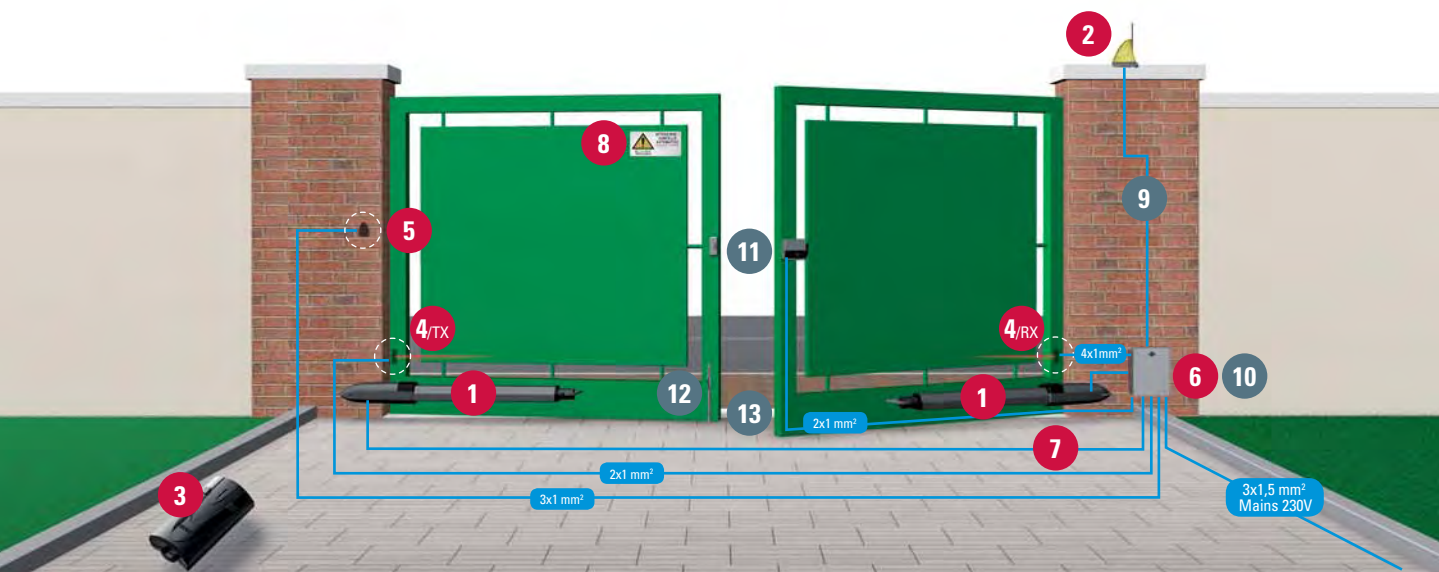
Kit for swing gates with two leaves up to 1.80 m each



Equipment

KIT for 2 leaves each up to 1.8 m, with 433 MHz radio control.
The kit consists of: 2 linear actuators with fixing brackets type EA25, 1 control unit type EC33, 1 flashing light with support, aerial and 433MHz type radio receiver EL10, two 2-channel radio controls type ET03, 1 pair of photocells type EF04/S, 1 keyswitch type EDE4, 10 m actuator connection cable type ZX29.





Items supplied in kit type EKA4

Reference to drawing	Type	Description	Quantity
1	EA25	Actuator + fixing bracket kit	2
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	1
5	EDE4	Surface wall-mounted keyswitch	1
6	EC33	Control unit without keypad	1
7	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
8	ZX20	"Warning" sign	1
Weight kg	23		

Items not included in kit type EKA4

Reference to drawing	Type	Description	Quantity
9	ZX64	Cable (4x0,5 mm²)	per metre
10	ZBA1	12V 7Ah back-up battery	1
11	ZD04	12V D.C. electric lock	1
12	ZD06	Locking latch	1
13	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type EKA6

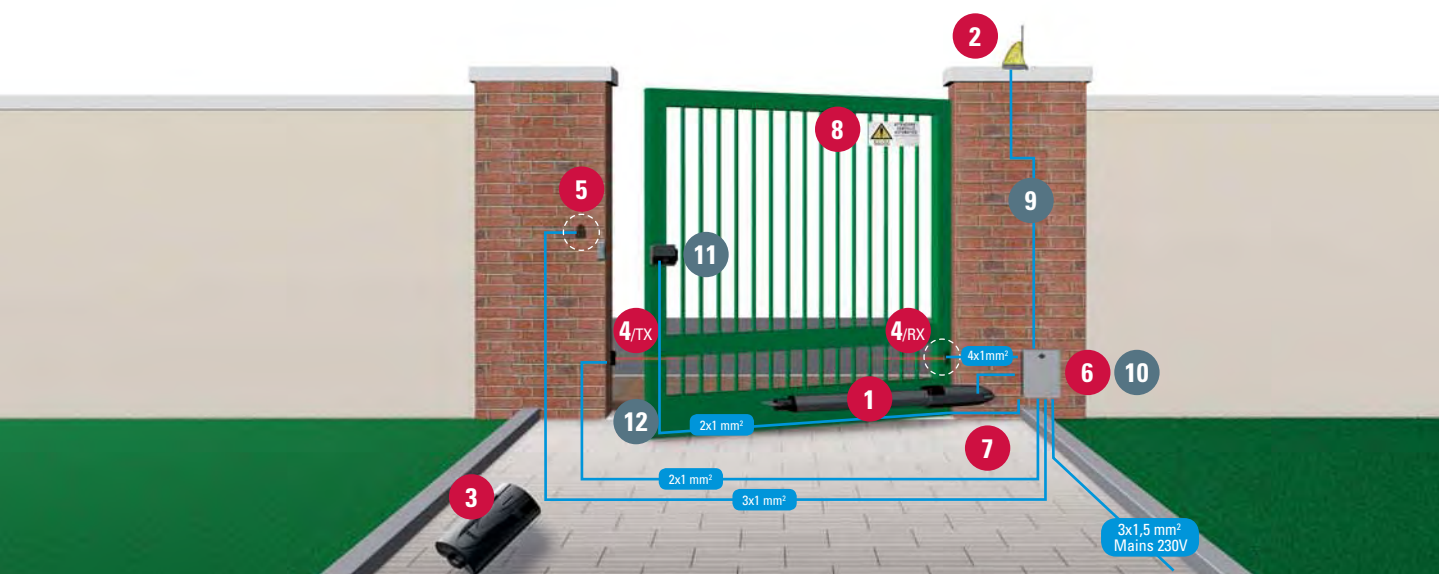
Kit for swing gates with one leaf up to 1.80 m each



Equipment

KIT for 1 leaf up to 1.8 m, with 433 MHz radio control.

The kit consists of: 1 linear actuator with fixing brackets type EA25, 1 control unit type EC33, 1 flashing light with support, aerial and 433MHz radio receiver type EL10, two 2-channel radio controls type ET03, 1 pair of photocells type EF04/S, 1 keyswitch type EDE4, 10 m actuator connection cable type ZX29.



Items supplied in kit type EKA6

Reference to drawing	Type	Description	Quantity
1	EA25	Actuator + fixing bracket kit	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	1
5	EDE4	Surface wall-mounted keyswitch	1
6	EC33	Control unit without keypad	1
7	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
8	ZX20	"Warning" sign	1
Weight kg	18		

Items not included in kit type EKA6

Reference to drawing	Type	Description	Quantity
9	ZX64	Cable (4x0,5 mm²)	per metre
10	ZBA1	12V 7Ah back-up battery	1
11	ZD04	12V D.C. electric lock	1
12	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type EKA7

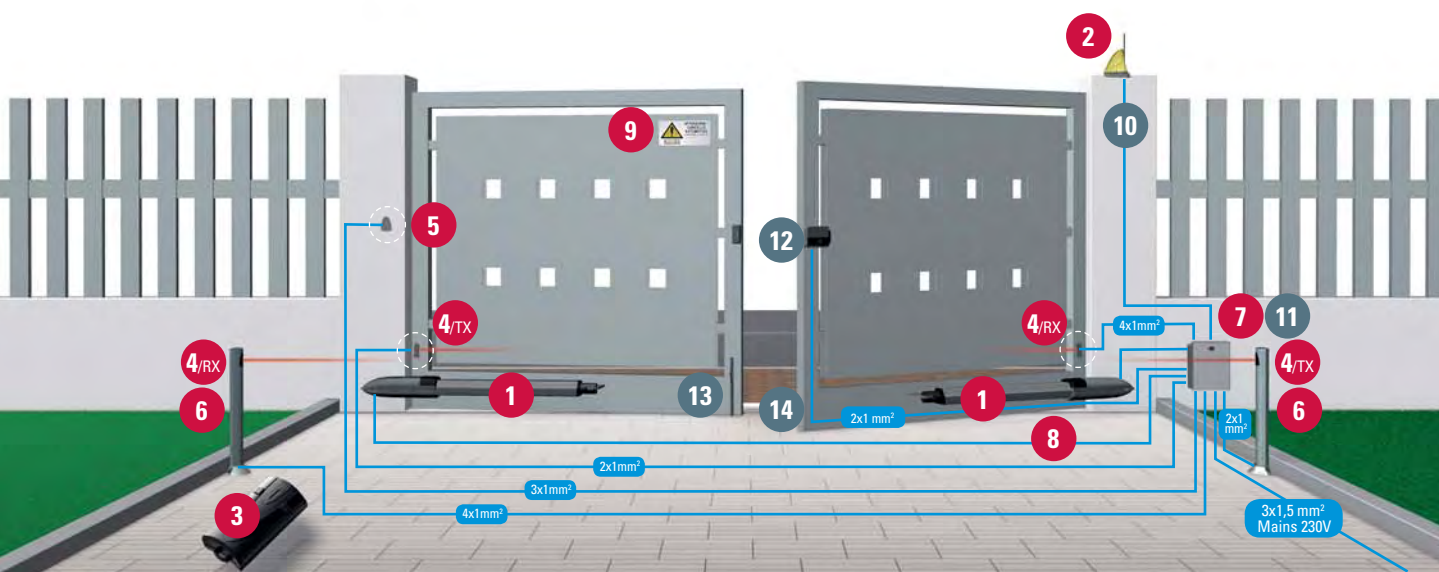
Kit for swing gates with two leaves from 1.80 up to 2.50 m each



Equipment

Kit for swing gates with two leaves from 1.80 up to 2.50 m each, with 433 MHz radio control.

The kit consists of: No. 2 actuators with fixing bracket type EA25, No. 1 control unit type EC33, no. 1 flashing light with mounting support, 433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type ET03, no. 2 pairs of photocells type EF04/S, no. 2 500 mm low profile columns type EE11, no. 1 key switch type EDE4, 10m roll cable for automatic gate systems type ZX29.



Items supplied in kit type EKA7

Reference to drawing	Type	Description	Quantity
1	EA25	Actuator + fixing bracket kit	2
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	EC33	Control unit without keypad	1
8	ZX29	10m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
9	ZX20	"Warning" sign	1
Weight kg	28		

Items not included in kit type EKA7

Reference to drawing	Type	Description	Quantity
10	ZX64	Cable (4x0,5 mm ²)	per metre
11	ZBA1	12V 7Ah back-up battery	1
12	ZD04	12V D.C. electric lock	1
13	ZD06	Locking latch	1
14	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type EKA8

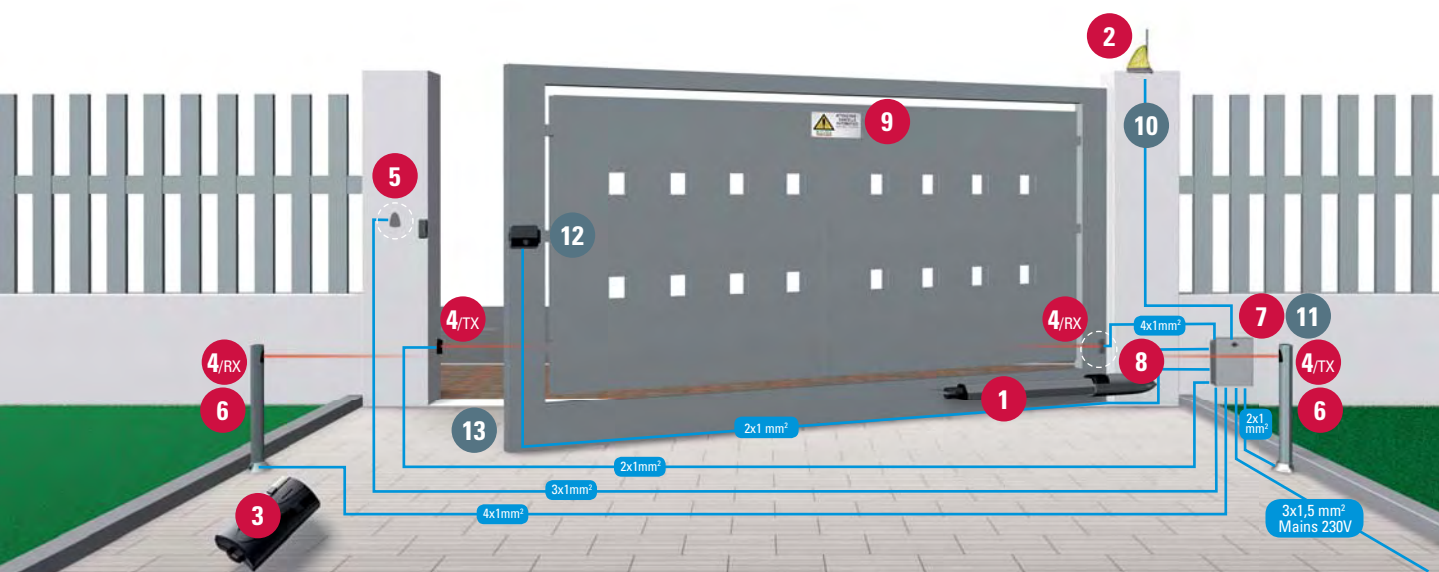
Kit for swing gates with one leaf from 1.80 up to 3.50 m each



Equipment

Kit for swing gates with one leaf from 1.80 up to 3.50 m each, with 433 MHz radio control.

The kit consists of: No. 1 actuator with fixing bracket type EA50, No. 1 control unit type EC33, No. 1 flashing light with mounting support, 433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type ET03, No. 2 pairs of photocells type EF04/S, No. 2 500 mm low profile columns type EE11, No. 1 key switch type EDE4, 10m roll cable for automatic gate systems type ZX29.



Items supplied in kit type EKA8

Reference to drawing	Type	Description	Quantity
1	EA50	Actuator + fixing bracket kit	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	EC33	Control unit without keypad	1
8	ZX29	10m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
9	ZX20	"Warning" sign	1
Weight kg	22		

Items not included in kit type EKA8

Reference to drawing	Type	Description	Quantity
10	ZX64	Cable (4x0,5 mm ²)	per metre
11	ZBA1	12V 7Ah back-up battery	1
12	ZD04	12V D.C. electric lock	1
13	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type EKA9

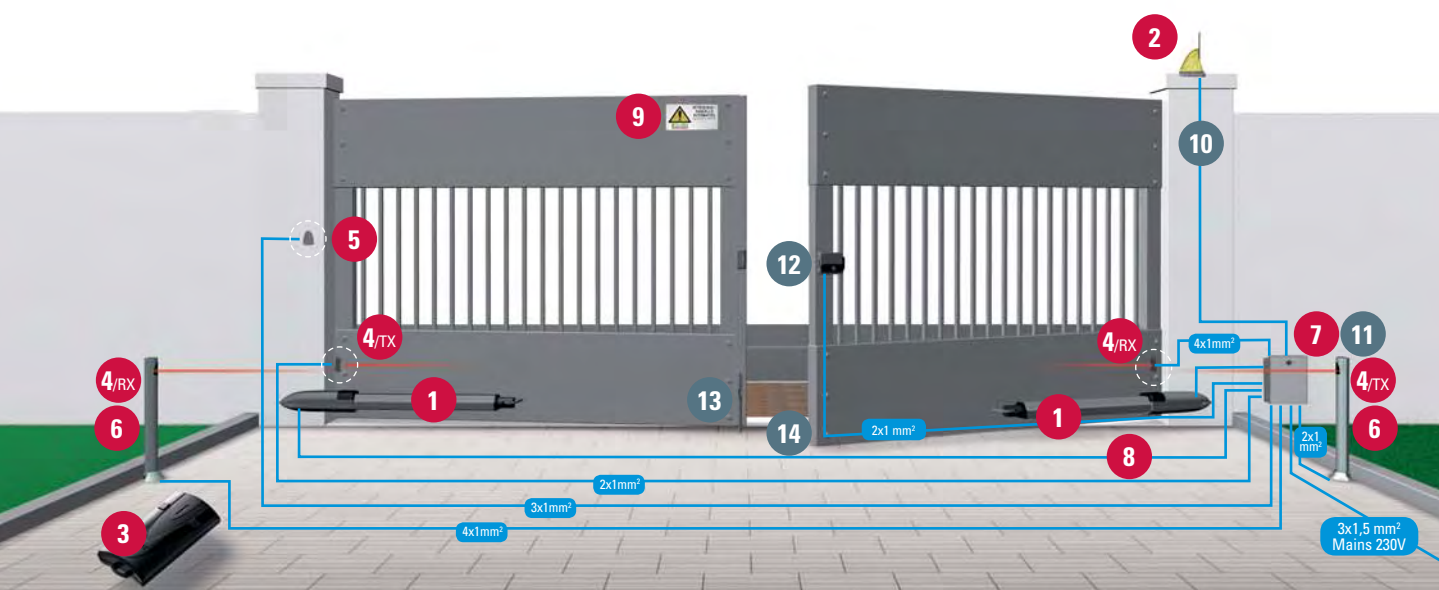
Kit for swing gates with two leaves from 1.80 up to 3.50 m each



Equipment

Kit for swing gates with two leaves from 1.80 up to 3.50 m each, with 433 MHz radio control.

The kit consists of: No. 2 actuators with fixing bracket type EA50, No. 1 control unit type EC33, No. 1 flashing light with mounting support, 433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type ET03, No. 2 pairs of photocells type EF04/S, No. 2 500 mm low profile columns type EE11, No. 1 key switch type EDE4, 15 m roll cable for automatic gate systems type ZX67/15.



Items supplied in kit type EKA9

Reference to drawing	Type	Description	Quantity
1	EA50	Actuator + fixing bracket kit	2
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	EC33	Control unit without keypad	1
8	ZX67/15	15m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
9	ZX20	"Warning" sign	1
Weight kg	31		

Items not included in kit type EKA9

Reference to drawing	Type	Description	Quantity
10	ZX64	Cable (4x0,5 mm ²)	per metre
11	ZBA1	12V 7Ah back-up battery	1
12	ZD04	12V D.C. electric lock	1
13	ZD06	Locking latch	1
14	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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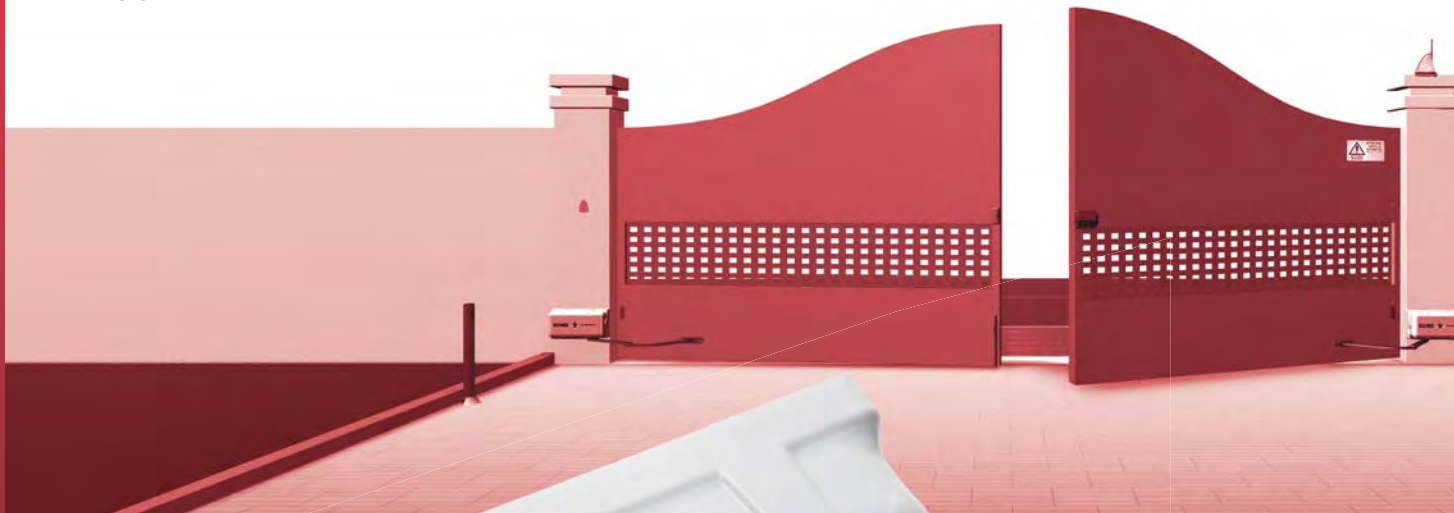
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ZA series

Swing gate actuator with articulated arm



Main characteristics

The electromechanical actuator is designed for external use to operate large swing gates with a leaf size up to 3m. (300kg.) max and should be fitted to the large pillars that these gates would require.

Since these actuators cannot be turned manually, a manual release mechanism is provided for emergency use. This actuator must be used with the EC series of electronic control units. It operates on 12V D.C. and can be provided with back-up battery (optional). It has been designed for intensive use, is easy to install and incorporates strong materials.

Equipment

The following items are provided with actuators type ZA30: kit of articulated arms, motor fixing bracket and one customised key with key-ring for cover opening.



12
V direct current



Low Voltage. Maximum Safety.

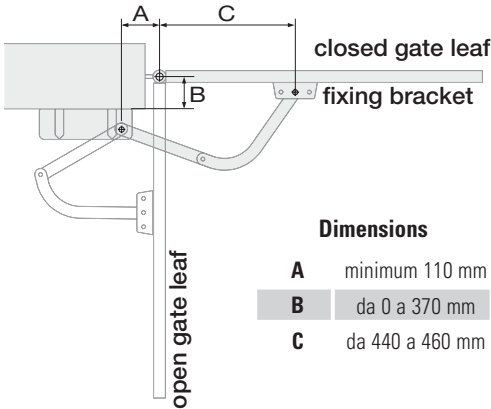
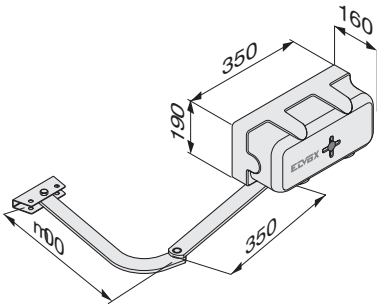
Maximum reliability to the sturdy geared motor.

Installed on columns at distances of up to 370 mm between the motor fixing bracket and leaf pin.

ZA30

12V A.C. non-reversible actuator with articulated arm for swing gate up to 400 kg. and 1.8 m or 300 kg. and 3 m

Pack quantity	1
Unit weight kg	15



Dimensions

A	minimum 110 mm
B	da 0 a 370 mm
C	da 440 a 460 mm

Technical specifications	ZA30
Motor supply voltage (V D.C)	12
Rated motor power (W)	45
Motor speed (RPM)	1300
Maximum gate leaf length (m)	3 (300 kg)
Maximum gate leaf weight (kg)	400 (max 1,8 m)
Operating temperature (°C)	-20 ÷ +55
Max. opening angle (°)	140°
Dimensions: LxHxP (mm)	350x190x160

Kit type ZKAA

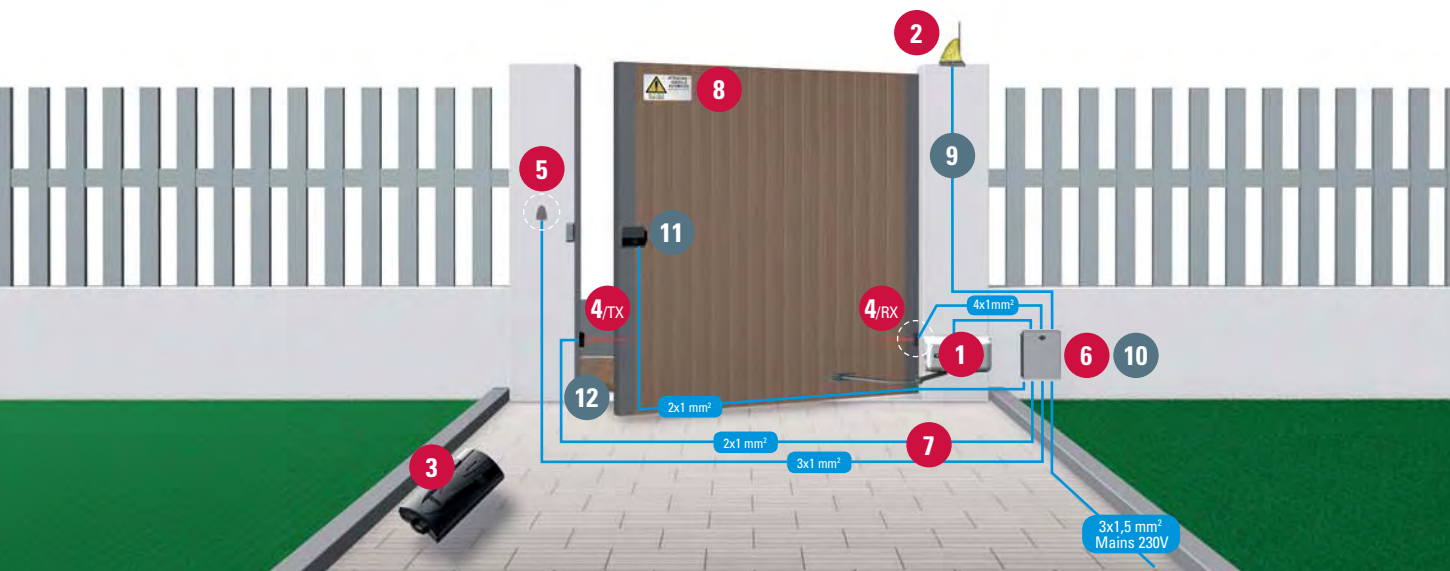
Kit for swing gates up to 1.80 m (400 kg.)



Equipment

Kit for swing gates with one leaf up to 1.80 m , with 433 MHz radio control.

The kit consists of: No. 1 actuator with articulated arm type ZA30, No. 1 control unit type EC34, No. 1 flashing light with mounting support, 433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type ET03, No. 1 pair of photocells type EF04/S, No. 1 key switch type EDE4, 10m roll cable for automatic gate systems type ZX29.



Items supplied in kit type ZKAA

Reference to drawing	Type	Description	Quantity
1	ZA30	Actuator with articulated arm	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	1
5	EDE4	Surface wall-mounted keyswitch	1
6	EC33	Control unit without keypad	1
7	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
8	ZX20	"Warning" sign	1
Weight kg	22,6		

Items not included in kit type ZKAA

Reference to drawing	Type	Description	Quantity
9	ZX64	Cable (4x0,5 mm²)	per metre
10	ZBA1	12V 7Ah back-up battery	1
11	ZD04	12V D.C. electric lock	1
12	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type ZKAB

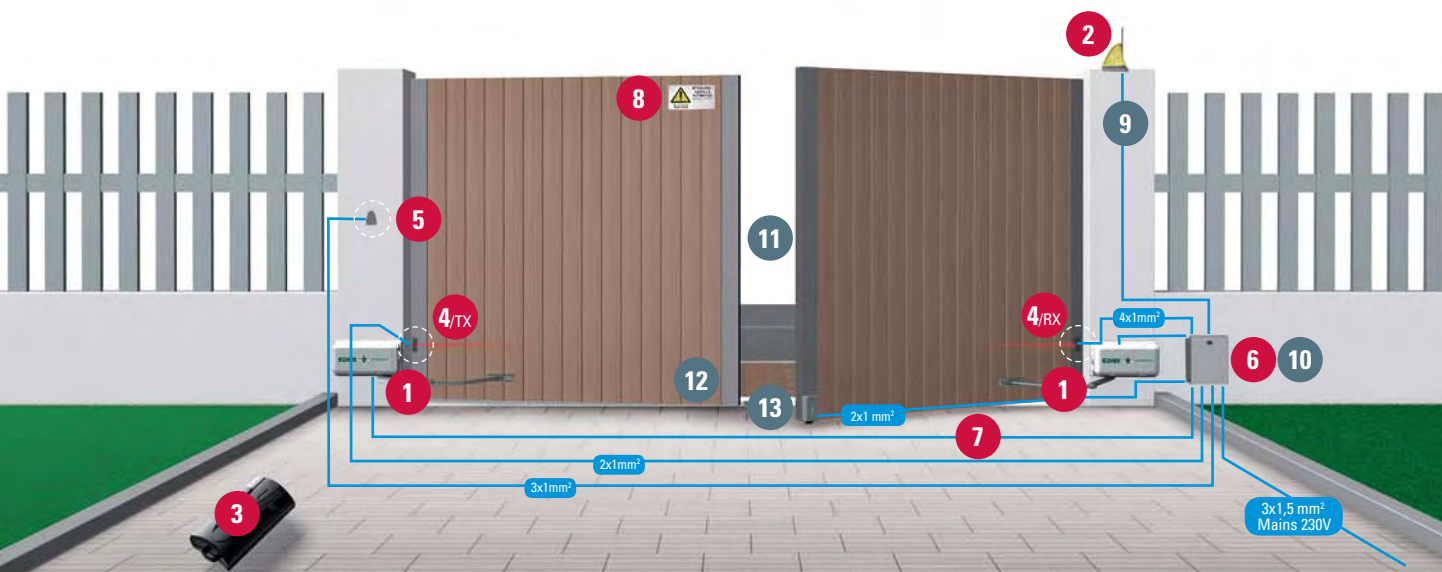
Kit for swing gates with two leaves up to 1.80 m (400 kg.) each



Equipment

Kit for swing gates with 2 leaves up to 1.80 m each , with 433 MHz radio control.

The kit consists of: No. 2 actuators with articulated arm type ZA30, No. 1 control unit type EC33, No. 1 flashing light with mounting support, 433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type ET03, No. 1 pair of photocells type EF04/S, No. 1 key switch type EDE4, 10m roll cable for automatic gate systems type ZX29.



Items supplied in kit type ZKAB

Reference to drawing	Type	Description	Quantity
1	ZA30	Actuator with articulated arm	2
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	1
5	EDE4	Surface wall-mounted keyswitch	1
6	EC33	Control unit without keypad	1
7	ZX29	10m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
8	ZX20	"Warning" sign	1
Weight kg	39,5		

Items not included in kit type ZKAB

Reference to drawing	Type	Description	Quantity
9	ZX64	Cable (4x0,5 mm ²)	per metre
10	ZBA1	12V 7Ah back-up battery	1
11	ZD04	12V D.C. electric lock	1
12	ZD06	Locking latch	1
13	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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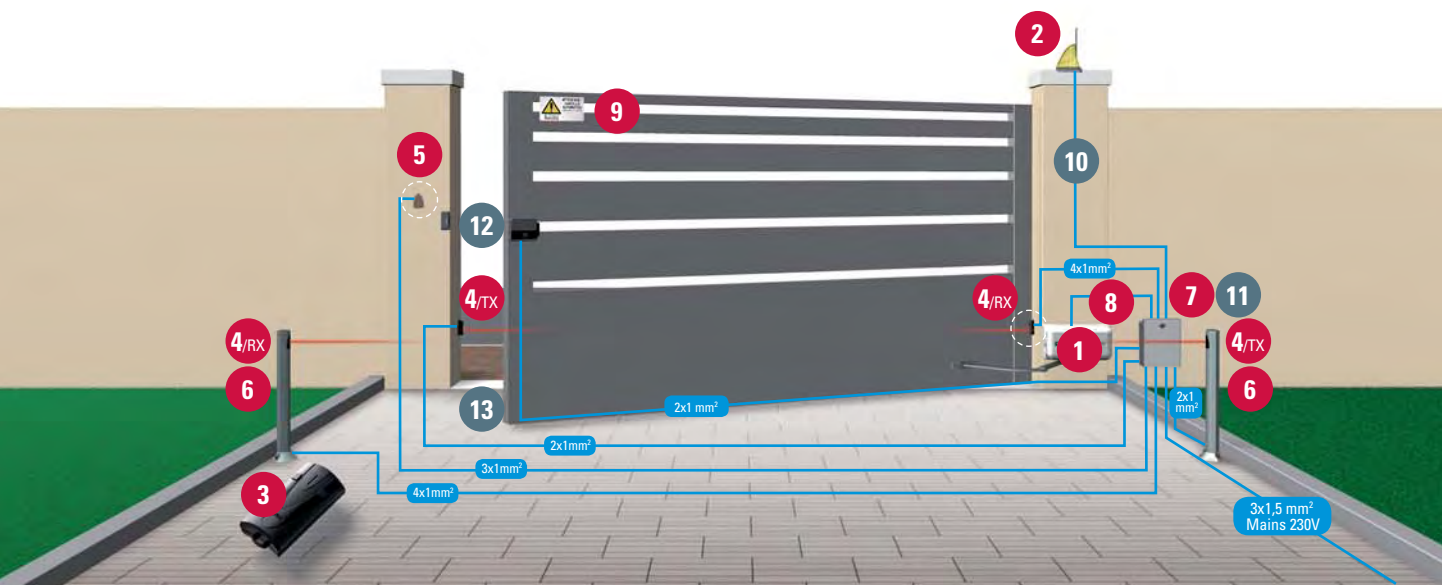
Kit type ZKAC

Kit for swing gates with one leaf from 1.80 m (400 kg.) to 3 m (300kg.)



Equipment

Kit for swing gates with one leaf up to 3 m , with 433 MHz radio control.
The kit consists of: No. 1 actuator with articulated arm type ZA30,
No. 1 control unit type EC33, No. 1 flashing light with mounting support,
433 MHz receiver and aerial type EL10, No. 2 433 MHz radio controls type
ET03, No. 2 pairs of photocells type EF04/S, No. 2 500 mm low profile co-
lumns type EE11, No. 1 key switch type EDE4, 10m roll cable for automatic
gate systems type ZX29.



Items supplied in kit type ZKAC

Reference to drawing	Type	Description	Quantity
1	ZA30	Actuator with articulated arm	1
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	EC33	Control unit without keypad	1
8	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
9	ZX20	"Warning" sign	1
Weight kg	25		

Items not included in kit type ZKAC

Reference to drawing	Type	Description	Quantity
10	ZX64	Cable (4x0,5 mm²)	per metre
11	ZBA1	12V 7Ah back-up battery	1
12	ZD04	12V D.C. electric lock	1
13	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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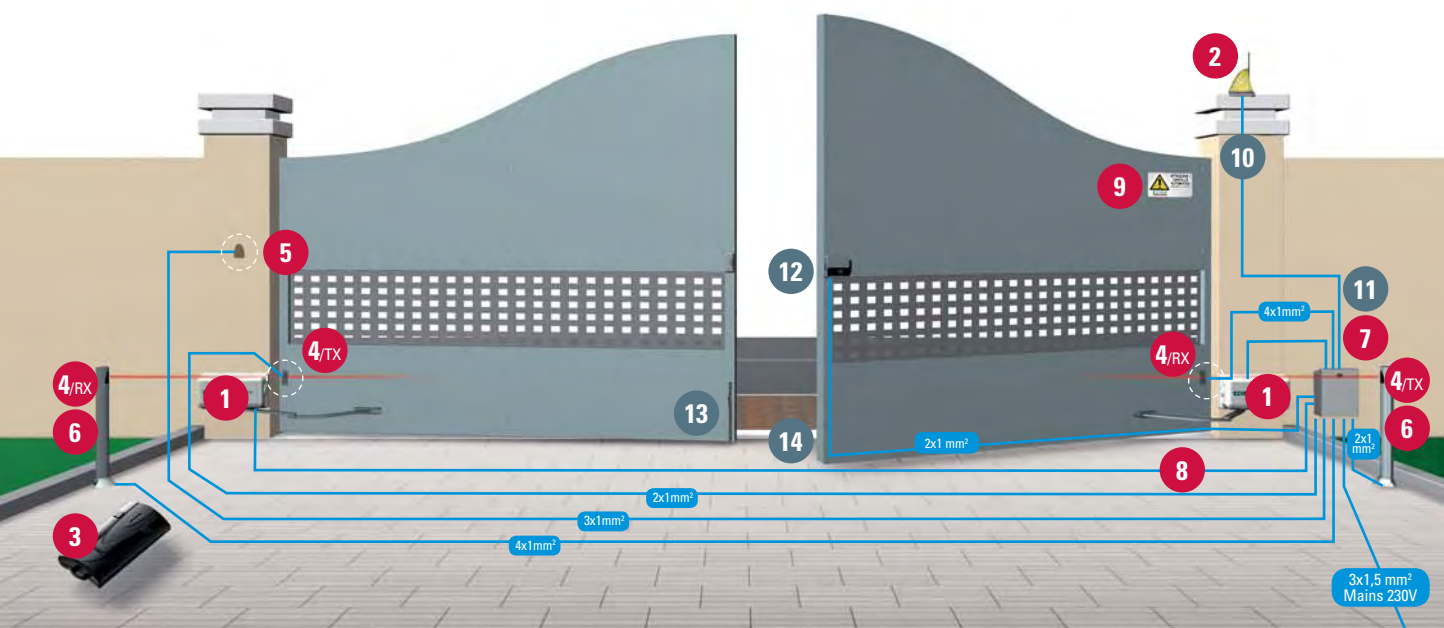
Kit type ZKAD

Kit for swing gates with two leaves from 1.80 m (400 kg.) to 3 m (300kg.) each



Equipment

Kit for swing gate with two leaves 3 m. each, with 433 MHz radio control.
The kit consists of: No. 2 actuators with articulated arm type ZA30, No. 1 control unit type EC33, No. 1 flashing light with support, aerial and 433 MHz radio receiver type EL10, No. 2 two-channel radio controls type ET03, No. 2 pairs of photocells type EF04/s, No. 2 500 mm low profile columns type EE11, No. 1 key switch type EDE4, 10 m cable roll for automatic gate systems type ZX29.



Items supplied in kit type ZKAD

Reference to drawing	Type	Description	Quantity
1	ZA30	Actuator with articulated arm	2
2	EL10	Flashing light with support, 433 MHz receiver and aerial	1
3	ET03	433 MHz radio control	2
4	EF04/S	Pair of surface wall-mounted/column photocells	2
5	EDE4	Surface wall-mounted keyswitch	1
6	EE11	500 mm low profile column	2
7	EC33	Control unit without keypad	1
8	ZX29	10m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
9	ZX20	"Warning" sign	1
Weight kg	41,6		

Items not included in kit type ZKAD

Reference to drawing	Type	Description	Quantity
10	ZX64	Cable (4x0,5 mm ²)	per metre
11	ZBA1	12V 7Ah back-up battery	1
12	ZD04	12V D.C. electric lock	1
13	ZD06	Locking latch	1
14	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Accessories for linear automatic gate systems and with articulated arms for gates with swing leaves.



ZD04

12V multiple reversible electric lock.



ZD06

Locking latch for double swing leaves.

Pack quantity	1
Unit weight kg	1.49

Pack quantity	1
Unit weight kg	0.72



ZD14

Electric lock with rotating bolt for vertical installation on doors and gates. 12V supply voltage. Requires full cylinder type ZD14/I or single cylinder type ZD14/M.

Pack quantity	1
Unit weight kg	1.28



ZD14/I

Full cylinder with European profile for electric lock type ZD14.

Pack quantity	1
Unit weight kg	0.3



ZD14/M

Single cylinder with European profile for electric lock type ZD14.

Pack quantity	1
Unit weight kg	0.2

Spare parts for linear automatic swing gate systems with articulated arms.



R311

Actuator encoder card for automatic gate systems.



REA5

Lock with key for EA series actuators.



REA6

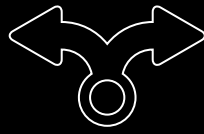
Release cover for EA series actuators.

Pack quantity	1
Unit weight kg	0.01

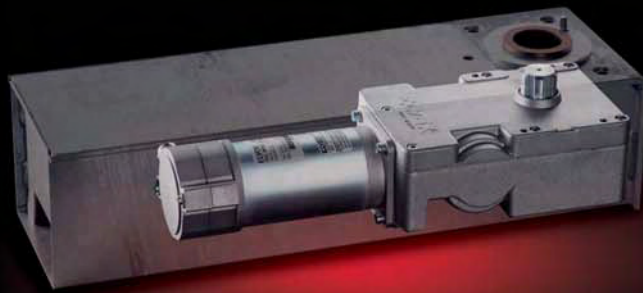
Pack quantity	1
Unit weight kg	0.03

Pack quantity	1
Unit weight kg	0.02





Underground actuators for swing gates

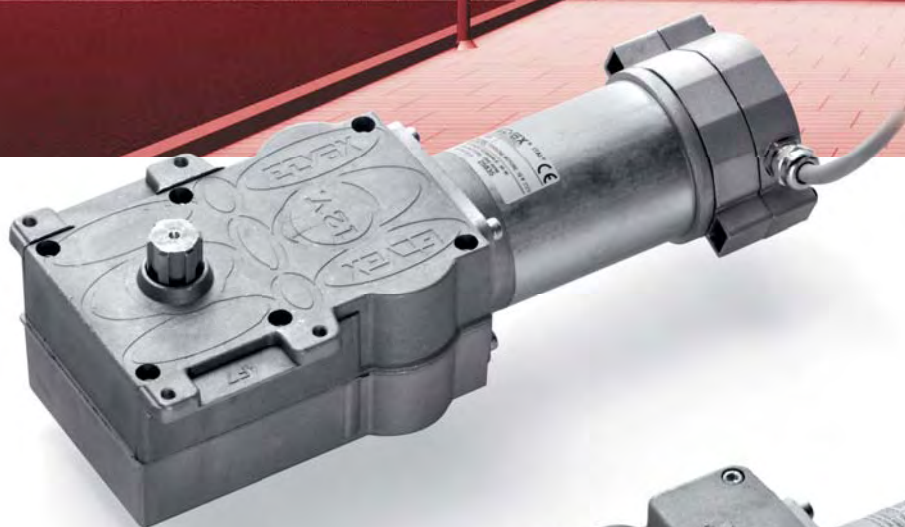
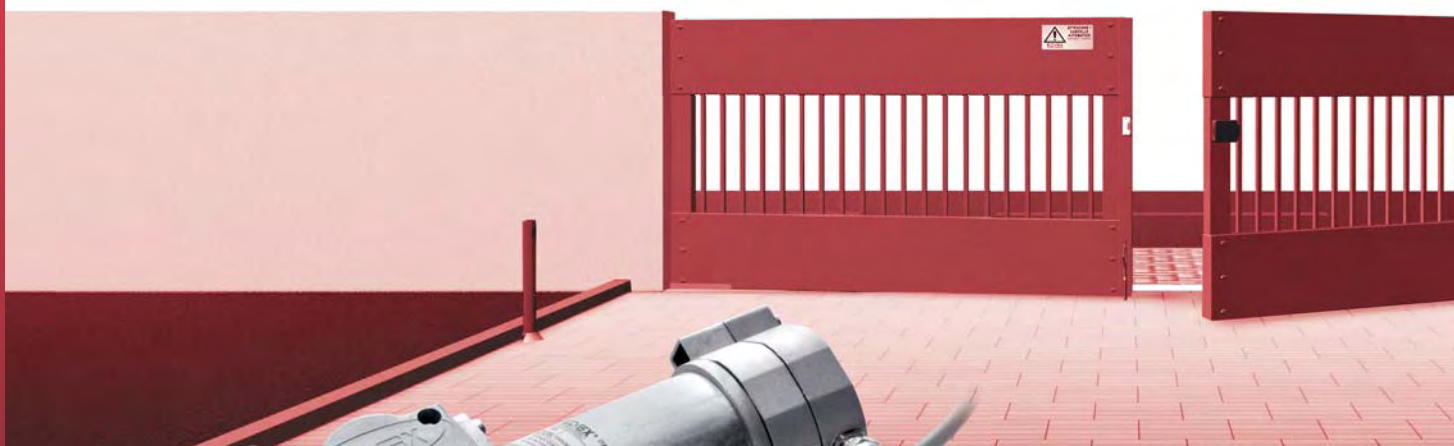


Simply practical



ZI series

Underground actuators for swing gates



Art. ZI26



Art. ZI27

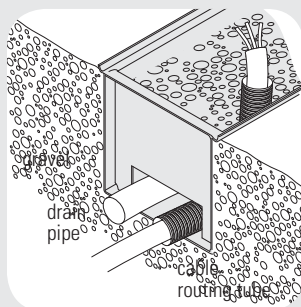
Main characteristics

The ELVOX hidden electromechanical actuators are the most practical and unobtrusive devices for attractive gates. The reduction unit is located inside a very thick, strong aluminium body able to withstand substantial loads and stress. They are fitted with low voltage 12 V D.C. motors for absolute safety. They can even be used during temporary mains power failure thanks to the special ELVOX electronic control unit which can be driven by back-up battery. A foundation box is also available to house the automatic system. This enables the site to be prepared and the gate to be installed before the actuator is fitted.



12V

direct current



Low Voltage. Maximum Safety.

Foundation box installation with positioning of drain pipe and cable routing tube.

The ideal solution to avoid altering the gate appearance.

Easy-to-use manual release (with personalised key).

ZI26

12V D.C. non-reversible underground actuator for swing gate up to 200kg and 1.8 m (residential use).

Pack quantity	1
Unit weight kg	6.8

ZI27

Buried, non-reversible 12V D.C. automatic gate opener for gate sections of 1.8 m (300 kg) to 3 m (200 kg). (non-intensive residential use).

Pack quantity	1
Unit weight kg	11

ZX41

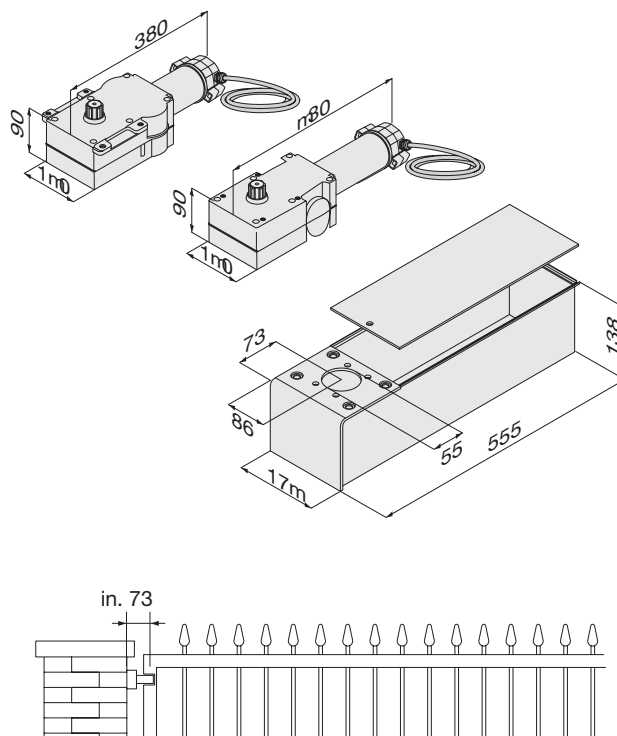
Foundation box in galvanised steel for underground actuators type ZI26 and ZI27. (Dimensions WxHxD: 555x138x174 mm)

Pack quantity	1
Unit weight kg	6.6

ZX41/I

Foundation box in stainless steel for underground actuators type ZI26 and ZI27. (Dimensions WxHxD: 555x138x174 mm)

Pack quantity	1
Unit weight kg	6.6



Technical specifications	ZI26	ZI27
Motor supply voltage (V D.C)	12	12
Rated motor power (W)	30	40
Motor speed (RPM)	1000	1200
Protection rating	IP67	IP67
Maximum leaf length (m)	1,8	3 (200 kg)
Maximum leaf weight (kg)	200	300 (1,8 m)
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Max. opening angle (°)	360°	360°
Manual unlocking	ZDA7	ZDB7
Dimensions: LxHxP (mm)	380x140x90 (box ZX41 - 555x138x174)	430x140x90 (box ZX41 - 555x138x174)

N.B.: When installing actuator type ZI26 it is also necessary to use the manual release type ZDA7 and when installing actuator type ZI27 the manual release type ZDB7.

Kit type EKI4

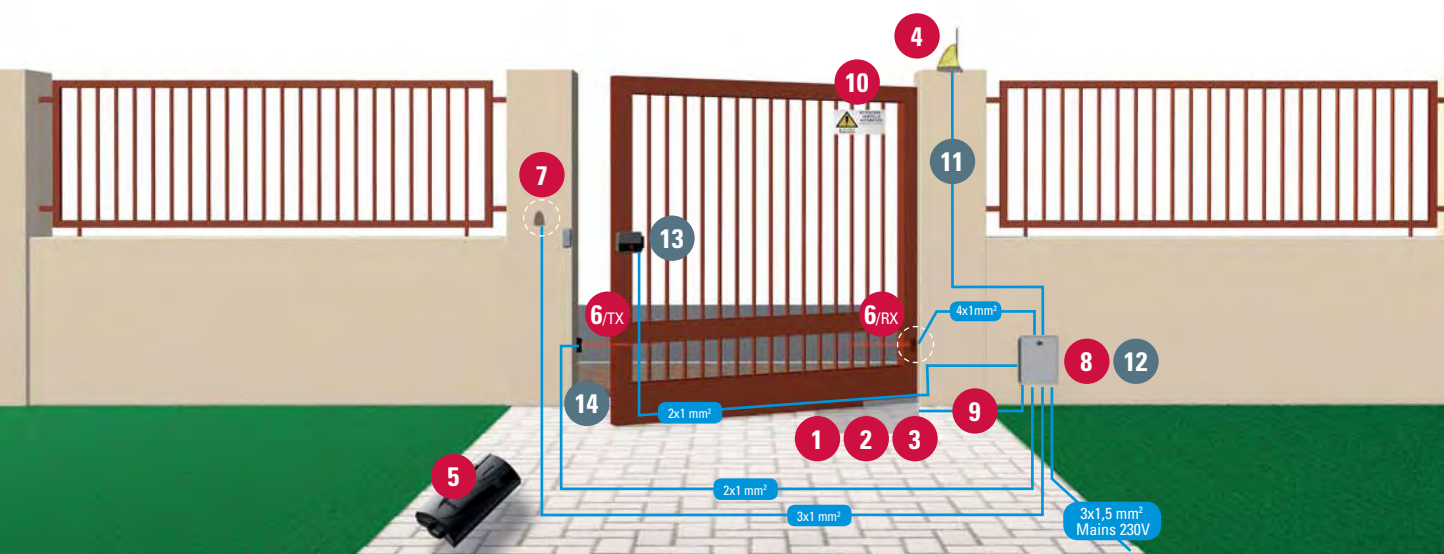
Kit for swing gates with one leaf up to 1.80 m (200 kg.)



Equipment

Kit for swing gates with 1 leaf up to 1,80 m, 200 Kg., with 433 MHz radio control.

The kit consists of: No. 1 underground actuator type ZI26, N. 1 foundation box type ZX41, No. 1 manual release type ZDA7, No. 1 control unit type EC34, No. 1 flashing light with support, aerial and 433 MHz radio receiver type EL10, No. 2 two-channel radio control type ET03, No. 1 pair of photocells type EF04/S, No. 1 key switch type EDE4, 10 m. cable roll for automatic gate systems type ZX29.



Items supplied in kit type EK14

Reference to drawing	Type	Description	Quantity
1	ZI26	Underground actuator	1
2	ZX41	Foundation box	1
3	ZDA7	Manual release	1
4	EL10	Flashing light with support, 433 MHz receiver and aerial	1
5	ET03	433 MHz radio control	2
6	EF04/S	Pair of surface wall-mounted/column photocells	1
7	EDE4	Surface wall-mounted keyswitch	1
8	EC33	Control unit without keypad	1
9	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
10	ZX20	"Warning" sign	1
Weight kg	27		

Items not included in kit type EK14

Reference to drawing	Type	Description	Quantity
11	ZX64	Cable (4x0,5 mm²)	per metre
12	ZBA1	12V 7Ah back-up battery	1
13	ZD04	12V D.C. electric lock	1
14	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type **EKI5**

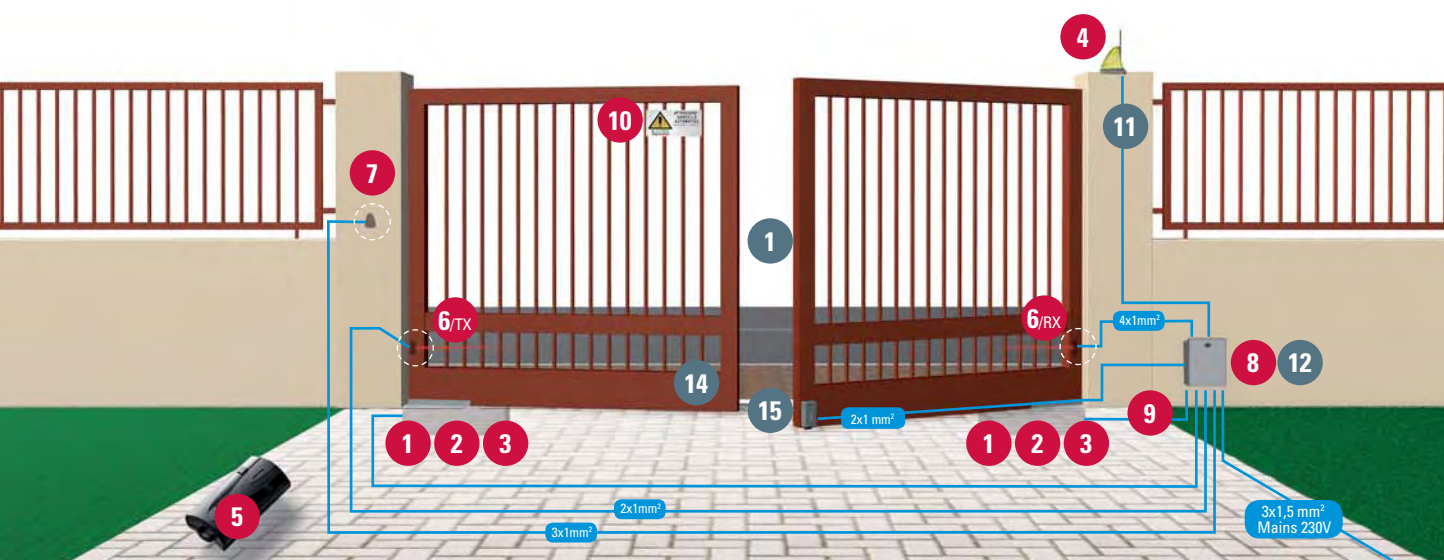
Kit for swing gates with two leaves up to 1.80 m (200 kg.) each



Equipment

Kit for swing gates with 2 leaves up to 1,80 m, 200 Kg. each, with 433 MHz radio control.

The kit consists of: No. 2 underground actuators type ZI26, N. 2 foundation boxes type ZX41, No. 2 manual release type ZDA7, No. 1 control unit type EC33, No. 1 flashing light with support, aerial and 433 MHz radio receiver type EL10, No. 2 two-channel radio controls type ET03, No. 1 pair of photocells type EF04/S, No. 1 key switch type EDE4, 10 m. cable roll for automatic gate systems type ZX29.



Items supplied in kit type EK15

Reference to drawing	Type	Description	Quantity
1	ZI26	Underground actuator	2
2	ZX41	Foundation box	2
3	ZDA7	Manual release	2
4	EL10	Flashing light with support, 433 MHz receiver and aerial	1
5	ET03	433 MHz radio control	2
6	EF04/S	Pair of surface wall-mounted/column photocells	1
7	EDE4	Surface wall-mounted keyswitch	1
8	EC33	Control unit without keypad	1
9	ZX29	10m roll cable for automatic gate systems (2x2 mm ² + 3x0,5 mm ²)	1
10	ZX20	"Warning" sign	1
Weight kg	44		

Items not included in kit type EK15

Reference to drawing	Type	Description	Quantity
11	ZX64	Cable (4x0,5 mm ²)	per metre
12	ZBA1	12V 7Ah back-up battery	1
13	ZD04	12V D.C. electric lock	1
14	ZD06	Locking latch	1
15	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type **EKI8**

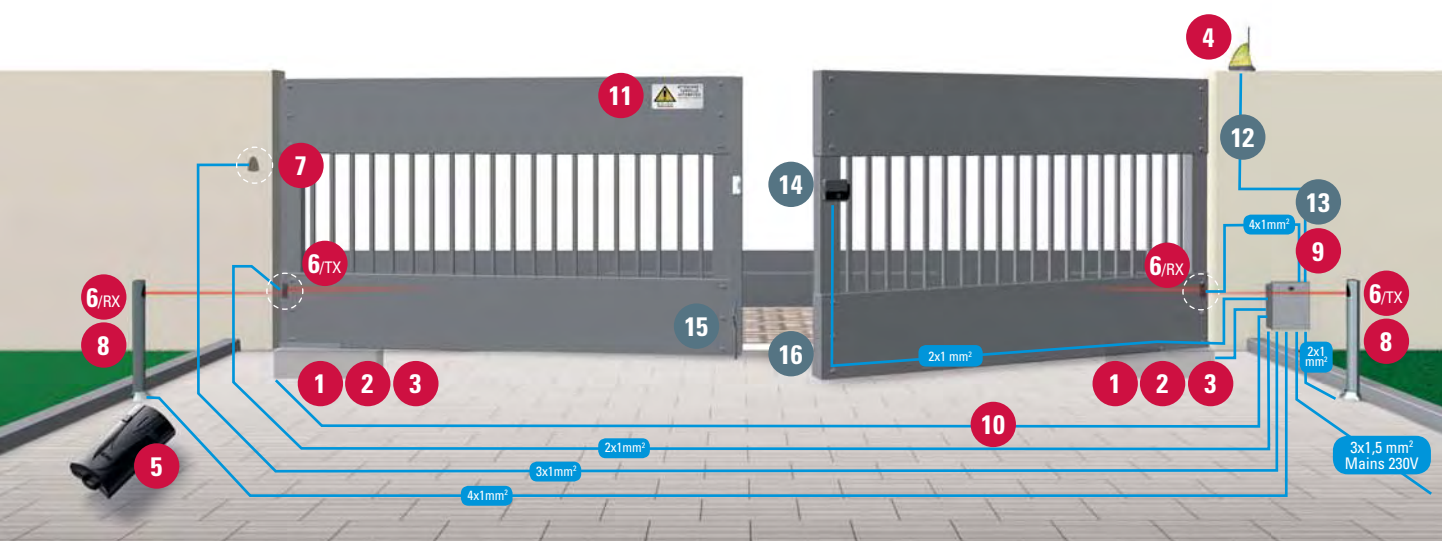
Kit for swing gates with two leaves from 1.80 (300 kg.) up to 3 m (200 kg.) each (non-intensive residential use)



Equipment

Kit for swing gates with 2 leaves from 1,80 m, 300 Kg. to 3 m, 200 Kg. each, with 433 MHz radio control.

The kit consists of: No. 2 underground actuators type ZI27, No. 2 foundation cases type ZX41, No. 2 manual releases type ZDB7, No. 1 control unit type EC33/13V, No. 1 flashing light with support, aerial and 433 MHz radio receiver type EL10, No. 2 two-channel radio controls type ET03, No. 2 pairs of photocells type EF04/S, No. 2 500 mm low profile columns type EE11, No. 1 key switch type EDE4, 15 m. cable roll for automatic gate systems type ZX67/15.



Items supplied in kit type EK18

Reference to drawing	Type	Description	Quantity
1	ZI27	Underground actuator	2
2	ZX41	Foundation box	2
3	ZDB7	Manual release	2
4	EL10	Flashing light with support, 433 MHz receiver and aerial	1
5	ET03	433 MHz radio control	2
6	EF04/S	Pair of surface wall-mounted/column photocells	2
7	EDE4	Surface wall-mounted keyswitch	1
8	EE11	500 mm low profile column	2
9	EC33/13V	Control unit without keypad	1
10	ZX67/15	15m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
11	ZX20	"Warning" sign	1
Weight kg	59		

Items not included in kit type EK18

Reference to drawing	Type	Description	Quantity
12	ZX64	Cable (4x0,5 mm²)	per metre
13	ZBA1	12V 7Ah back-up battery	1
14	ZD04	12V D.C. electric lock	1
15	ZD06	Locking latch	1
16	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Kit type **EKI9**

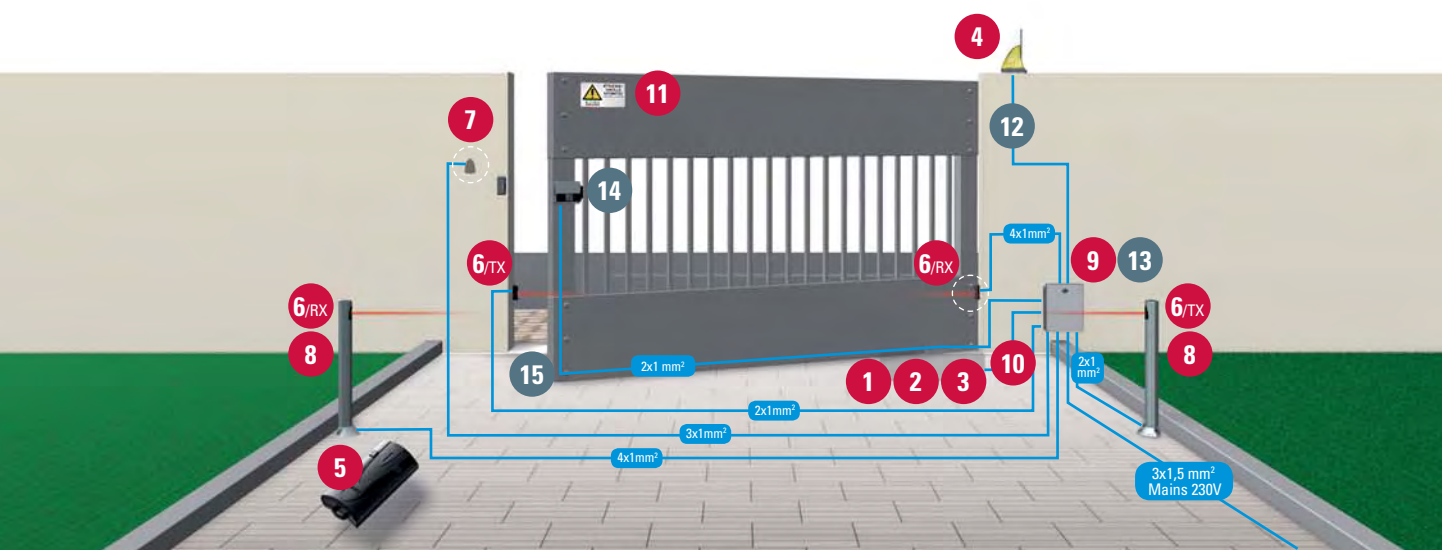
Kit for swing gates with one leaf from 1.80 (300 kg.) up to 3 m (200 kg.) (non-intensive residential use)



Equipment

Kit for swing gates with 1 leaf from 1,80 m, 300 Kg. to 3 m, 200 Kg., with 433 MHz radio control.

The kit consists of: No. 1 underground actuator type ZI27, N. 1 foundation box type ZX41, No. 1 manual release type ZDB7, No. 1 control unit type EC33/13V, No. 1 flashing light with support, aerial and 433 MHz radio receiver type EL10, No. 2 two-channel radio controls type ET03, No. 2 pairs of photocells type EF04/S, No. 2 500 low profile columns type EE11, No. 1 key switch type EDE4, 10 m. cable roll for automatic gate systems type ZX29.



Items supplied in kit type EK19

Reference to drawing	Type	Description	Quantity
1	ZI27	Underground actuator	1
2	ZX41	Foundation box	1
3	ZDB7	Manual release	1
4	EL10	Flashing light with support, 433 MHz receiver and aerial	1
5	ET03	433 MHz radio control	2
6	EF04/S	Pair of surface wall-mounted/column photocells	2
7	EDE4	Surface wall-mounted keyswitch	1
8	EE11	500 mm low profile column	2
9	EC33/13V	Control unit without keypad	1
10	ZX29	10m roll cable for automatic gate systems (2x2 mm² + 3x0,5 mm²)	1
11	ZX20	"Warning" sign	1
Weight kg	35		

Items not included in kit type EK19

Reference to drawing	Type	Description	Quantity
12	ZX64	Cable (4x0,5 mm²)	per metre
13	ZBA1	12V 7Ah back-up battery	1
14	ZD04	12V D.C. electric lock	1
15	ZD14	Vertical 12V D.C. electric lock	1
	(ZD14/I)	(Double cylinder)	
	(ZD14/M)	(Single cylinder)	



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Accessories for swing gates with underground actuator



ZDA7

Gate support with manual release. It is combined with the actuator type ZI26 for manual door opening.

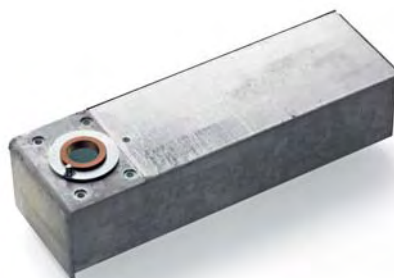
Pack quantity	1
Unit weight kg	4.3



ZDB7

Gate support with manual release. It is combined with the actuator type ZI27 for manual door opening.

Pack quantity	1
Unit weight kg	4.6



ZX41

Foundation box in zinc plated steel for underground actuators type ZI26 and ZI27.

Pack quantity	1
Unit weight kg	6.6

ZX41/I

Foundation box in stainless steel for underground actuators type ZI26 and ZI27.

Pack quantity	1
Unit weight kg	6.6



ZD04

12V multiple, reversible electric door lock.

Pack quantity	1
Unit weight kg	1.49



ZD06

Locking latch for double leaf gate.

Pack quantity	1
Unit weight kg	0.72



ZD14

Rotative latch electric lock for door or gate vertical installation. 12V supply voltage. It needs the double cylinder type ZD14/I or single cylinder type ZD14/M.

Pack quantity	1
Unit weight kg	1.28



ZD14/I

European profile double cylinder for electric lock type ZD14.

Pack quantity	1
Unit weight kg	0.3



ZD14/M

European profile single cylinder for electric lock type ZD14.

Pack quantity	1
Unit weight kg	0.2

Spare parts for swing gates with underground actuator.



ZX37

Door lock release for type ZDA7 and ZDB7.

Pack quantity	1
Unit weight kg	1.5

R311

Actuator encoder card for automatic gate systems.

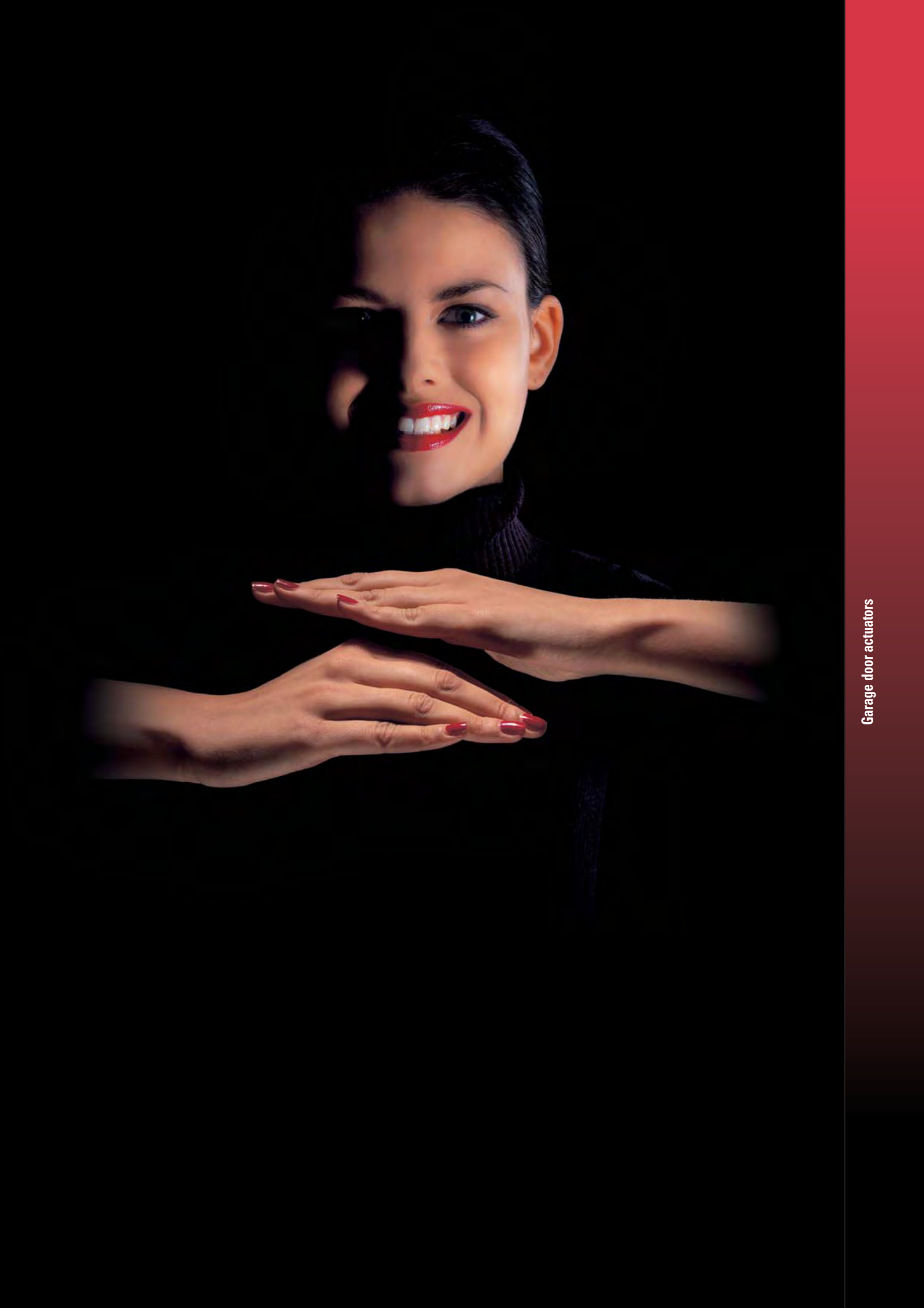
Pack quantity	1
Unit weight kg	0.01



Garage door actuators



Simply precise



EB series

Garage door actuators



Main characteristics

Strong reliable non-reversible electromechanical actuators, designed to withstand heavy use.

The reduction unit is located inside a solid die-cast aluminium body and lubricated using special self-levelling grease which requires no maintenance.

They are fitted with low voltage 12V D.C. motors for absolute safety and continued operation via battery backup in the event of temporary power failure.

On request, various other accessories are available, including guides and lifting arms which enable the EB10 to be installed on any type of counterweighted door on the market. The installation with one actuator is suggested for doors up to 10m²; two actuators for doors exceeding 10m² or doors with walkway.

The actuators are also fitted with a set of courtesy lights.

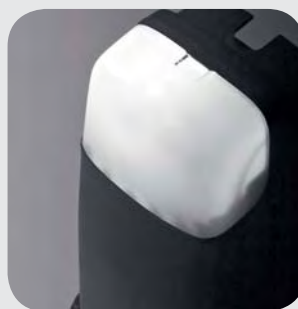
Equipment

EB series actuators are complete with ZX22 series fixing kit.

N.B. for doors with a surface area of up to 10 m² and a maximum weight of 200 kg it is recommended to install a single central motor; for doors of over 10 m² with a maximum weight of up to 300 kg two side motors must be fitted.



12
V direct current



Low Voltage. Maximum Safety.

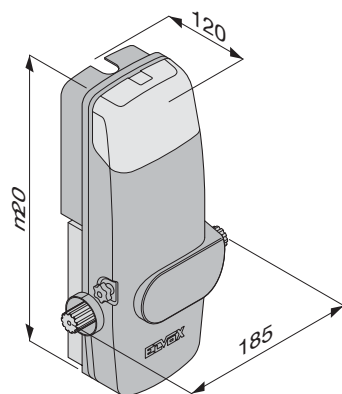
Non-reversible electro-mechanical motors, with easy-to-use manual release

When lit, the courtesy light (2.5 minutes autonomy) facilitates exit from the car.

EB10

12V A.C. non-reversible actuator for horizontally pivoted counterweighted doors up to 10 m² and 200 kg.

Pack quantity	1
Unit weight kg	8



Technical specifications	EB10
Motor supply voltage (V D.C)	12
Rated motor power (W)	45
Motor speed (RPM)	1100
Max. surface of horizontally pivoted door (m ²)	10
Max. weight of horizontally pivoted door (kg)	200
Operating temperature (°C)	-20 ÷ +55
Dimensions: LxHxP (mm)	185x420x120



Kit type **EKB4**

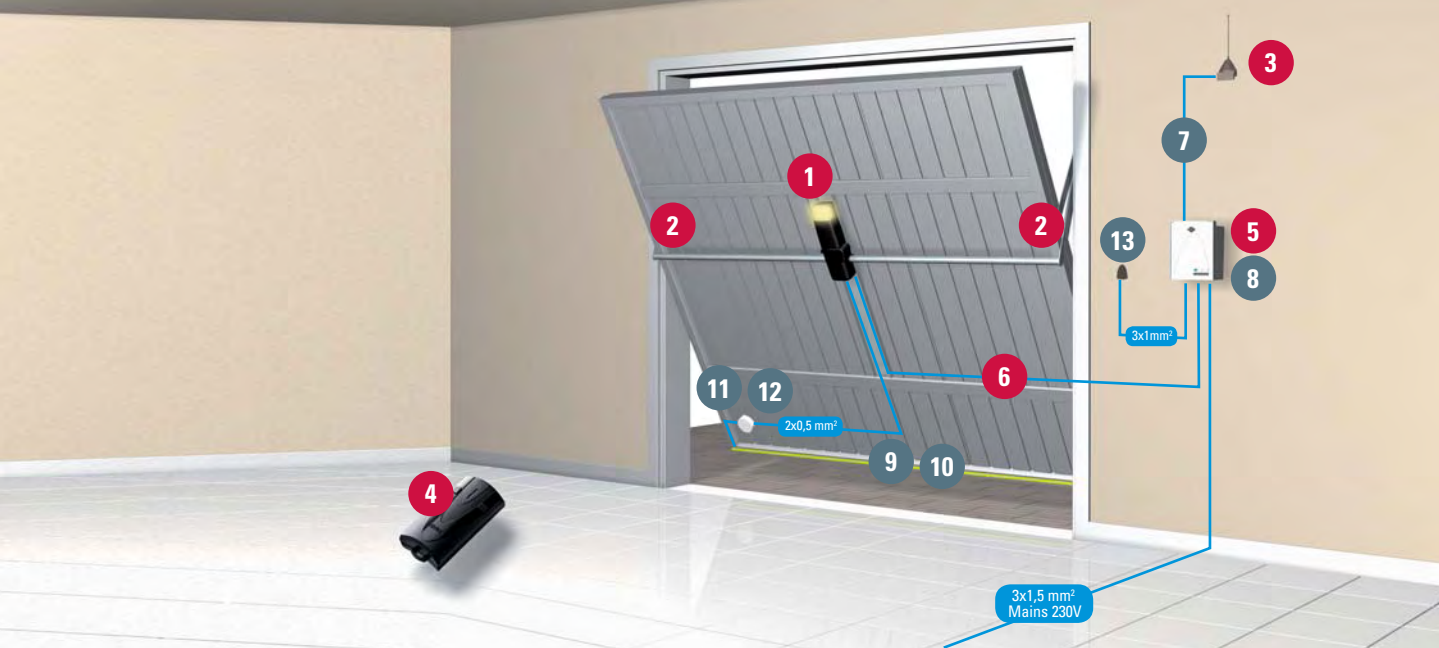
Kit for garage door with surface up to 10 m² (maximum width 2.8 m 200 kg.)



Equipment

KIT for counterweighted doors with a maximum surface area of 10 m², maximum width 2.8 m, 200 Kg, with straight arms and 433 MHz radio control.

The kit consists of: 1 actuator + fixing kit type EB10, 1 kit of straight arms for control unit assembly type ZX14, 1 control unit type EC32, 1 aerial with support and radio receiver type EL08, two 2-channel radio controls type ET03, 5m of actuator wiring cable type ZX72. Packed in two boxes A+B



Items supplied in kit type EKB4

Reference to drawing	Type	Description	Quantity
1	EB10	Actuator + fixing bracket kit	1
2	ZX14	Straight arm kit for central mounting	1
3	EL08	Aerial with 433 MHz receiver	1
4	ET03	433 MHz radio control	2
5	EC31	Control unit with keypad	1
6	ZX72	5m cable roll for automatic gate systems (2x2,5 mm² + 3x0,5 mm²+ 5x0,5 mm²)	1
Weight kg	30,5		

Items not included in kit type EKB4

Reference to drawing	Type	Description	Quantity
7	ZX64	Cable (4x0,5 mm²)	per metre
8	ZBA1	12V 7Ah back-up battery	1
9	ZX06	Pneumatic edging with one end stop	per metre
10	ZX03	Aluminium profile for pneumatic edging	per metre
11	ZX11	Pressure switch with 1 m of tubing	1
12	ZX12	Pressure switch case	1
13	EDE4	Surface wall-mounted keyswitch	1



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Kit type **EKB5**

Kit for garage door with surface exceeding 10 m² (max. 300 kg.)

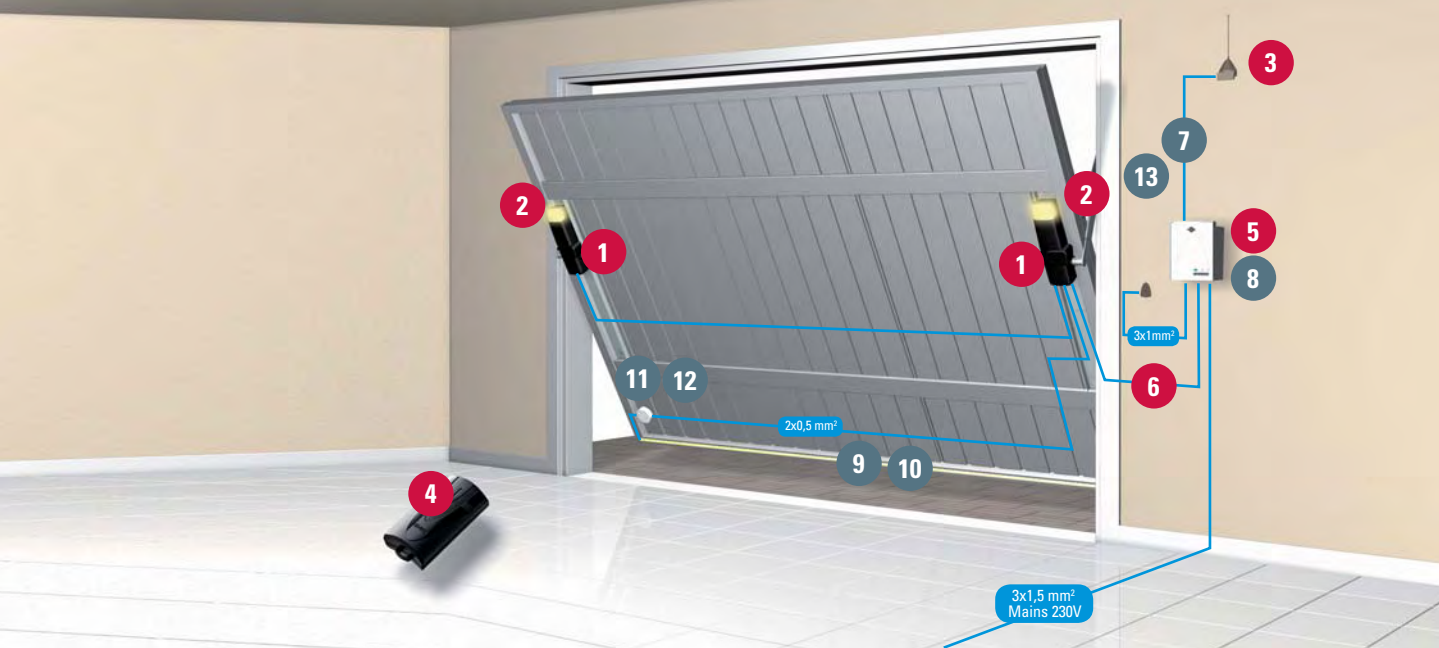


Equipment

Kit for counterweighted horizontally pivoted door with surface exceeding 10 m² up to 300 Kg. with straight arms and 433 MHz radio control.

The kit consists of: No. 2 actuators with fixing kit type EB10, N. 1 straight arm kit for lateral installation type ZX13, No. 1 control unit type EC31, No. 1 aerial with support and radio receiver type EL08, No. 2 two-channel radio controls type ET03, 10 m cable roll for automatic gate systems type ZX73.

Package in two boxes: A + B.



Items supplied in kit type EKB5

Reference to drawing	Type	Description	Quantity
1	EB10	Actuator + fixing bracket kit	2
2	ZX13	Straight arm kit for lateral mounting	1
3	EL08	Aerial with 433 MHz receiver	1
4	ET03	433 MHz radio control	2
5	EC31	Control unit with keypad	1
6	ZX73	10m roll cable for automatic gate systems (2x2,5 mm ² + 3x0,5 mm ² + 5x0,5 mm ²)	1
Weight kg	40		

Items not included in kit type EKB5

Reference to drawing	Type	Description	Quantity
7	ZX64	Cable (4x0,5 mm ²)	per metre
8	ZBA1	12V 7Ah back-up battery	1
9	ZX06	Pneumatic edging with one end stop	per metre
10	ZX03	Aluminium profile for pneumatic edging	per metre
11	ZX11	Pressure switch with 1 m of tubing	1
12	ZX12	Pressure switch case	1
13	EDE4	Surface wall-mounted keyswitch	1



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ZN series

Actuators for sectional or spring garage doors



Main characteristics

High-technology non-reversible electromechanical actuator for sectional or spring doors, (by using curved arm type ZN21) is working on 12V D.C. for complete safety. Control unit is provided with courtesy lamp as standard and with a push-button for door opening and closing.





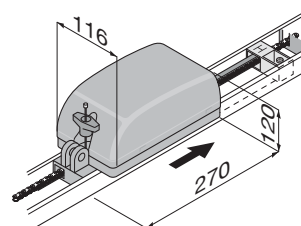
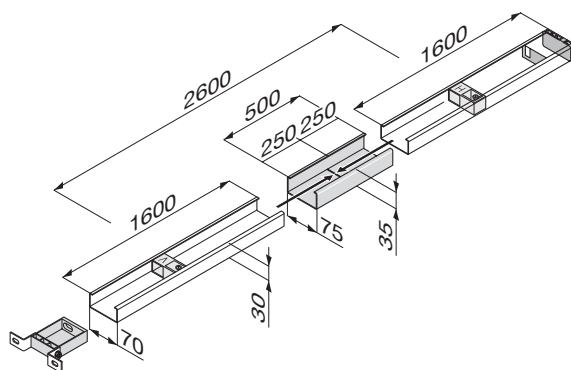
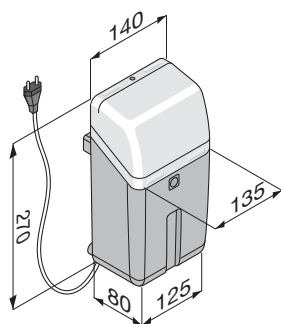
The new system, with mobile motor running on a chain fixed on a track, guarantees silent and linear operation.

Simple operation thanks to the courtesy light on the control unit, with timed shutoff after 3 minutes.

ZN10

12V A.C. non-reversible actuator with push-pull motor for sectional or spring garage doors up to 400 kg. and 10 m².

Pack quantity	1
Unit weight kg	5.8



Technical specifications	ZN10
Supply voltage (V A.C.) (+6% -10%)	230
Frequency (Hz)	50-60
Maximum power (VA)	200
Motor supply voltage (V D.C.)	12
Rated motor power (W)	150
Maximum power rating (N)	650
Motor speed (RPM)	33
Protection rating	IP40
Max. surface of horizontally pivoted door (m ²)	10
Arm stroke (standard version) (mm)	2600
Operating temperature (°C)	-20 ÷ +55
Dimensions WxHxD (mm)	166x120x270



Kit type ZKN1

Kit for sectional doors with surface up to 10 m² with 433 MHz.

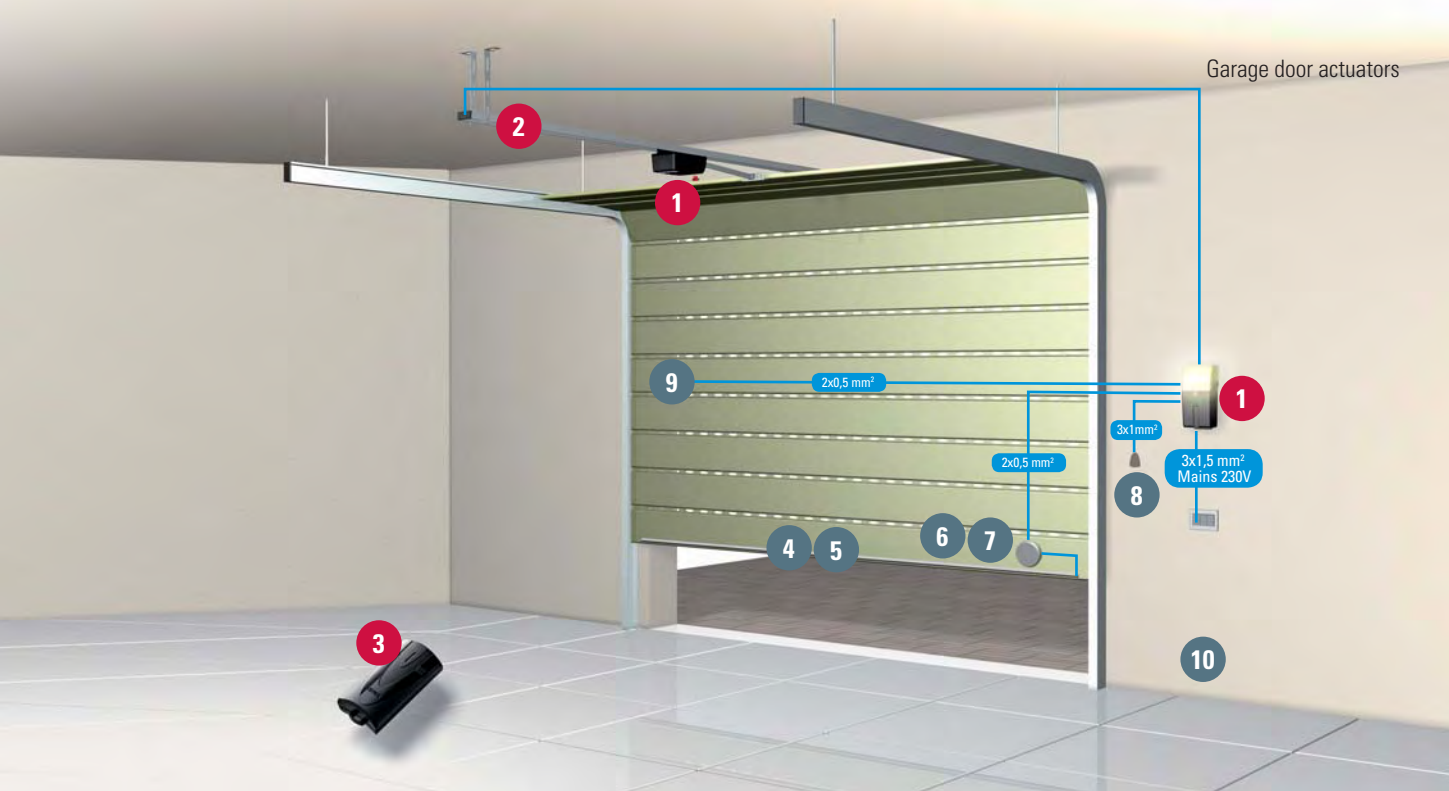


Equipment

Kit for sectional door with max 10 m² surface, 400 Kg. with 433 MHz radio control.

The kit consists of: No. 1 actuator type ZN10, N. 1 "C"-shaped guide type ZN20, N. 2 two-channel radio controls type ET03.

Package in two cases: A+B.



Items supplied in kit type ZKN1

Reference to drawing	Type	Description	Quantity
1	ZN10	Actuator with control unit	1
2	ZN20	"C" shaped guide + fixing bracket ki	1
3	ET03	433 MHz radio control	2
Weight kg	15,7		

Items not included in kit type ZKN1

Reference to drawing	Type	Description	Quantity
4	ZX06	Pneumatic edging with one end stop	per metre
5	ZX03	Aluminium profile for pneumatic edging	per metre
6	ZX11	Pressure switch with 1 m of tubing	1
7	ZX12	Pressure switch case	1
8	EDE4	Surface wall-mounted keyswitch	1
9	ZN26	Safety kit for pedestrian door	1
10	ZNB1	Anti black-out kit 24V (battery charger with battery)	1



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Kit type ZKN2

Kits for horizontally pivoted counterweighted or spring doors.



Equipment

Kit for string or counterweighted horizontally pivoted door with maximum 10 m² surface, 400 Kg., with 433 MHz radio control.

The kit consists of: No. 1 actuator type ZN10, N. 1 "C"-shaped guide type ZN20, N. 1 curved arm kit type ZN21, N. 2 two-channel radio controls type ET03.

Package in two cases: A+B.



Items supplied in kit type ZKN2

Reference to drawing	Type	Description	Quantity
1	ZN10	Actuator with control unit	1
2	ZN20	"C" shaped guide + fixing bracket kit	1
3	ET03	433 MHz radio control	2
4	ZN21	Curved arm kit	1
Weight kg	20,4		

Items not included in kit type ZKN2

Reference to drawing	Type	Description	Quantity
5	ZX06	Pneumatic edging with one end stop	per metre
6	ZX03	Aluminium profile for pneumatic edging	per metre
7	ZX11	Pressure switch with 1 m of tubing	1
8	ZX12	Pressure switch case	1
9	EDE4	Surface wall-mounted keyswitch	1
10	ZN26	Safety kit for pedestrian door	1
11	ZNB1	Anti black-out kit 24V (battery charger with battery)	1



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Accessories for garage door actuators



ZD05

Manual release kit for automatic gate system with 1 actuator type EB10.

Pack quantity	1
Unit weight kg	0.28



ZD09

Manual release kit for automatic gate system with 2 actuators type EB10.

Pack quantity	1
Unit weight kg	0.57



ZX08

Fixing plate for actuator type EB10, 1600 mm.

Pack quantity	1
Unit weight kg	5.6



ZX10

Curved telescopic arm kit for central installation of actuator type EB10.
Number of pieces: 6

Pack quantity	1
Unit weight kg	7.9



ZX13

Straight telescopic arm kit for lateral installation of actuator type EB10.
Number of pieces: 6

Pack quantity	1
Unit weight kg	14



ZX14

Curved telescopic arm kit for central installation of actuator type EB10.
Number of pieces: 9

Pack quantity	1
Unit weight kg	16



ZX15

Curved telescopic arm kit for lateral installation of actuator type EB10.
Number of pieces: 4

Pack quantity	1
Unit weight kg	7.3



ZX22

Fixing kit for horizontally pivot actuator type EB10.
Number of pieces: 8

Pack quantity	1
Unit weight kg	0.08



ZNB1

Battery charger kit with 2 x 12V, 3.2 Ah batteries for ZN series actuators.

Pack quantity	1
Unit weight kg	3



ZN20

"C"-shaped guide for actuator type ZN10; with 2600 mm. useful run.

Pack quantity	1
Unit weight kg	10.3



ZN21

Curved arm for horizontally pivoted counterweighted door and actuator type ZN10.

Pack quantity	1
Unit weight kg	4.7



ZN22

Extension for "C"-shaped guide (type ZN20), 1600mm.

Pack quantity	1
Unit weight kg	5.5



ZN23

Surface wall-mounted external release kit for horizontally pivoted door with actuator type ZN10.

Pack quantity	1
Unit weight kg	0.2



ZN24

Flush-mounted internal manual release for horizontally pivoted door with actuator type ZN10.

Pack quantity	1
Unit weight kg	0.1



ZN25

Additional bracket for ceiling mounting for "C"-shaped guide type ZN20.

Pack quantity	1
Unit weight kg	0.5



ZN26

Safety kit for pedestrian door, for horizontally pivoted doors.

Pack quantity	1
Unit weight kg	0.3

Spare parts for garage doors



ZBA2

Back-up battery 12V D.C. 3.2 Ah for garage doors with type ZN10.

Pack quantity	1
Unit weight kg	1.4



RZN1

433 MHz electronic card for type ZN10.

Pack quantity	1
Unit weight kg	0.1



RZ12

14V bulb for flashing lights and actuators type EB10.

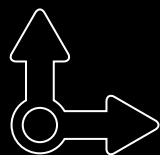
Pack quantity	1
Unit weight kg	0.01



RZ24

24V bulb for actuators type ZN10.

Pack quantity	1
Unit weight kg	0.01



Automatic road barriers

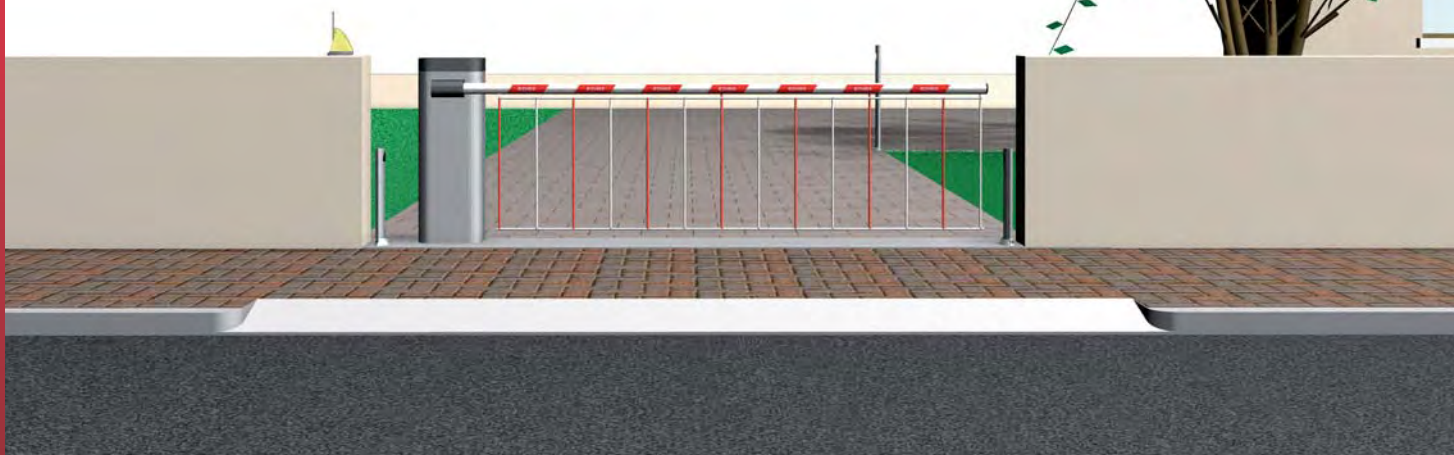


Simply safe



ZBN series

Automatic road barrier.



Main characteristics

Electromechanical non-reversible road barrier body with 12 D.C. motor and control unit without radio receiver.

Combined with the ZBNA arm series, this product is designed for control of vehicle transit.

The barrier body is equipped with:

- Barrier housing and door in paint-finished steel.
- Barrier cover in paint-finished steel.
- Arm support cover in paint-finished steel.
- Low voltage motor, 12V D.C., with gears enclosed in two welded die-cast aluminium sections and permanent grease lubrication.
- Manual release in plastic.
- Arm support flange and balancer in galvanised steel.
- Electronic control unit with board for control of 1 or 2 motors (in the case of two combined barriers).



12
V direct current



Low Voltage. Maximum Safety.

Non-reversible electro-mechanical motors, with easy-to-use manual release

Control unit with board for control of 2 motors to enable the connection of two barriers; removable to facilitate wiring.

Designed to meet diverse installation requirements thanks to the quick opening of the pole, and sturdiness and reliability of the products used.

ZBNC

Electromechanical non-reversible barrier with 12 D.C. motor and electronic control unit for control of 1 or 2 motors without radio receiver for combination with flashing lights type EL09 and EL10. **Without pole.**

Pack quantity	1
Unit weight kg	40



Technical specifications	ZBNC
Supply voltage (Vca) (+6% -10%)	230
Frequency (Hz)	50-60
Maximum power (VA)	220
Motor supply voltage (V D.C)	12
Rated motor power (W)	45
Operating temperature (°C)	-20 ÷ +55
90° opening time (sec)	3/6 (regolabile)
Protection rating	IP 45
Dimensions: LxHxP (mm)	1045x350x230

ZBNC/V

Non-reversible electromechanical barrier, 12V D.C. without electronic control unit. **Without pole.**

Pack quantity	1
Unit weight kg	35

Accessories for ZBNC road barrier



ZBNA/3T

Aluminium pole: length 3 m, diam. 60. with reflector labels.

Pack quantity	1
Unit weight kg	1.5



ZBNS

Paint-finished aluminium skirt for ZBNA/3T pole. 2 m module.

Pack quantity	1
Unit weight kg	0.9



ZBNE

6 Reflector labels for poles.

Pack quantity	1
Unit weight kg	0.06



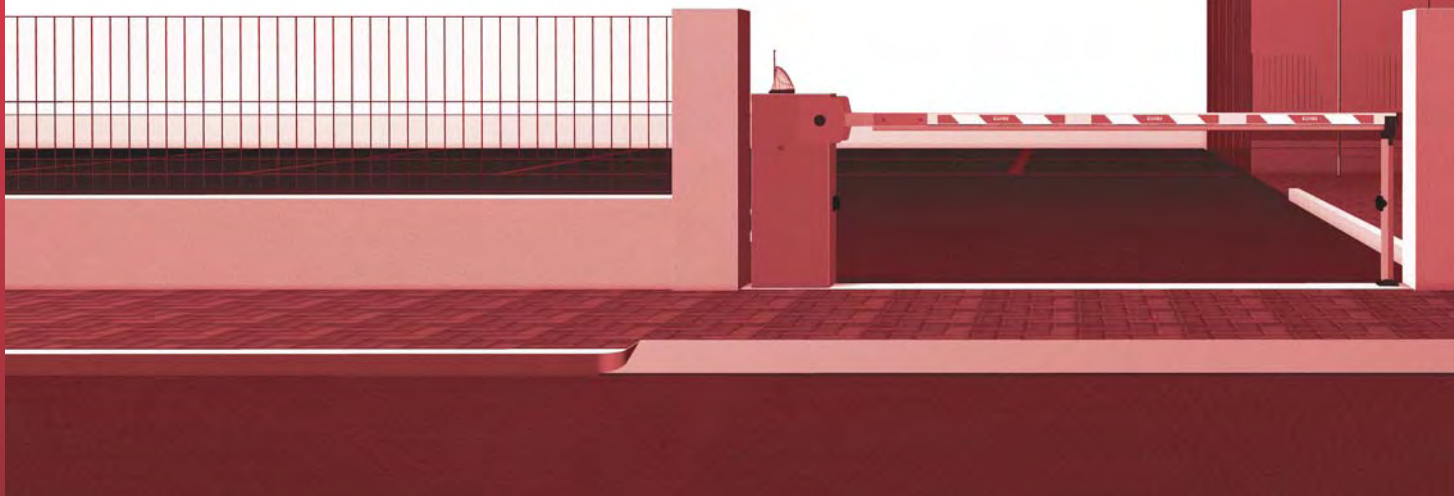
ZX31

Base fixing plate for ZBNC series barriers.

Pack quantity	1
Unit weight kg	1.5

ZBR series

Automatic barriers with central arm.



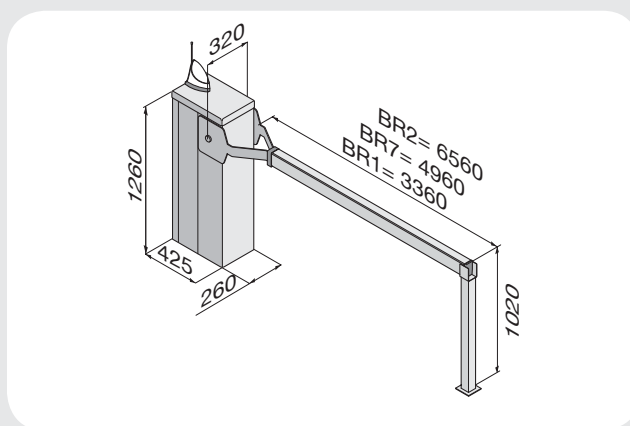
Main characteristics

Kits for automatic barriers with central arm 3.20, 4.80 and 6.40 m. long are complete with non-reversible actuator with 12V D.C. motor. They are equipped with electronic two-channel control unit, safety switch trim, photocells, flashing light with aerial and radio receiver and anti black-out device (ZBA1 optional battery). The barrier section consists of 1.60 m modules: 2 modules for ZBR1, 3 modules for ZBR7 and 4 modules for type ZBR2. This makes the product easier to transport.

Equipment

The kits are complete with 433MHz two-channel radio control type ET03.





Low Voltage. Maximum Safety.

ZBR1

Arm length: 3,20 m in 2 modules

Pack quantity	1
Unit weight kg	76

ZBR2

Arm length: 6,40 m in 4 modules
(non-intensive use)

Pack quantity	1
Unit weight kg	88

ZBR7

Arm length: 4,80 m in 3 modules

Pack quantity	1
Unit weight kg	84

Technical specifications	ZBR1	ZBR2	ZBR7
Supply voltage (Vca) (+6% -10%)	230	230	230
Frequency (Hz)	50 ÷ 60	50 ÷ 60	50 ÷ 60
Maximum power (VA)	220	220	220
Motor supply voltage (V D.C)	12	12	12
Rated motor power (W)	45	45	45
Motor speed (RPM)	1100	1100	1100
Arm length (m)	3,20	6,40	4,80
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Time to open (sec)	7 ÷ 10	7 ÷ 10	7 ÷ 10

Accessories and spare parts for barriers

ZX30

Mounting plate for ZBR series auto-matic barriers.

Pack quantity	1
Unit weight kg	2.1

ZBRM

Mobile support for ZBR1 and ZBR7 series barriers.

Pack quantity	1
Unit weight kg	1.3

EE05

Orange column with base support and cover for ZBR series barriers.

Pack quantity	1
Unit weight kg	-

EE06

Orange column with base and cover, 500 mm.

Pack quantity	1
Unit weight kg	1

ZBRT

Pair of arms for ZBR series barriers.

Pack quantity	1
Unit weight kg	-

ZBRI

Initial/medium element for ZBR series barriers.

Pack quantity	1
Unit weight kg	-

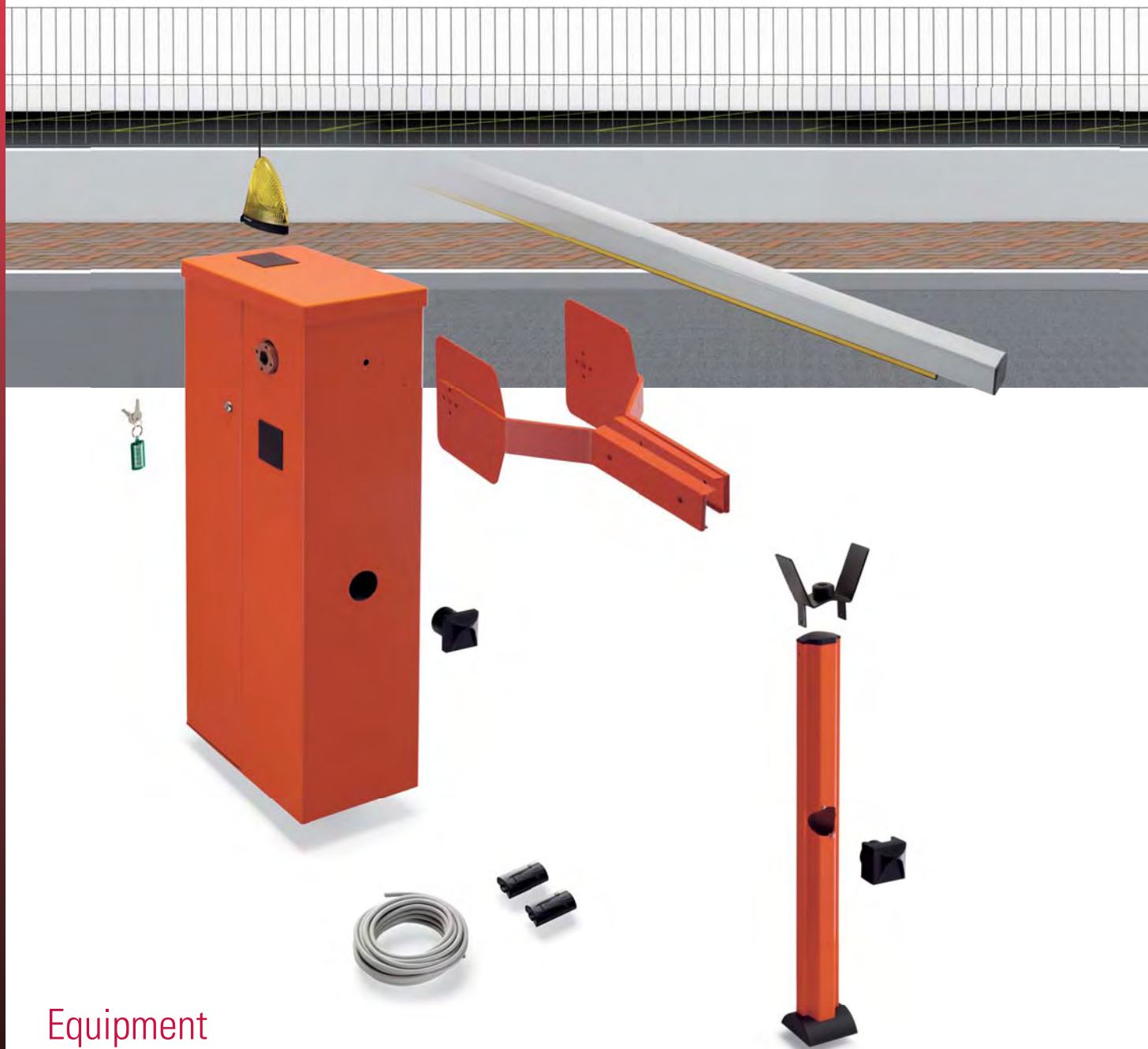
ZBRF

Final element for ZBR series barriers.

Pack quantity	1
Unit weight kg	-

ZBR series kits

Kits for barriers.



Equipment

ZBR1

Kit for barriers with central arm 3,20 m with 433 MHz radio control.

It consists of: N. 1 machine body with electromechanical actuator 12V D.C., N. 1 central unit, N. 2 module arms with protection device, N. 1 flashing light with aerial and 433 MHz radio receiver type EL09, N. 2 two-channel 433 MHz radio controls type ET03, N. 1 pair of photocells, N. 1 column for the barrier support and 3 m cable for flashing light.

Package in two boxes A+B.

ZBR2

Kit for barriers with central arm 6,40 m with 433 MHz radio control.

It consists of: N. 1 machine body with electromechanical actuator 12V D.C., N. 1 central unit, N. 4 module arms with protection device, N. 1 flashing light with aerial and 433 MHz radio receiver type EL09, N. 2 two-channel 433 MHz radio controls type ET03, N. 1 pair of photocells, N. 1 column for the barrier support and 3 m cable for flashing light.

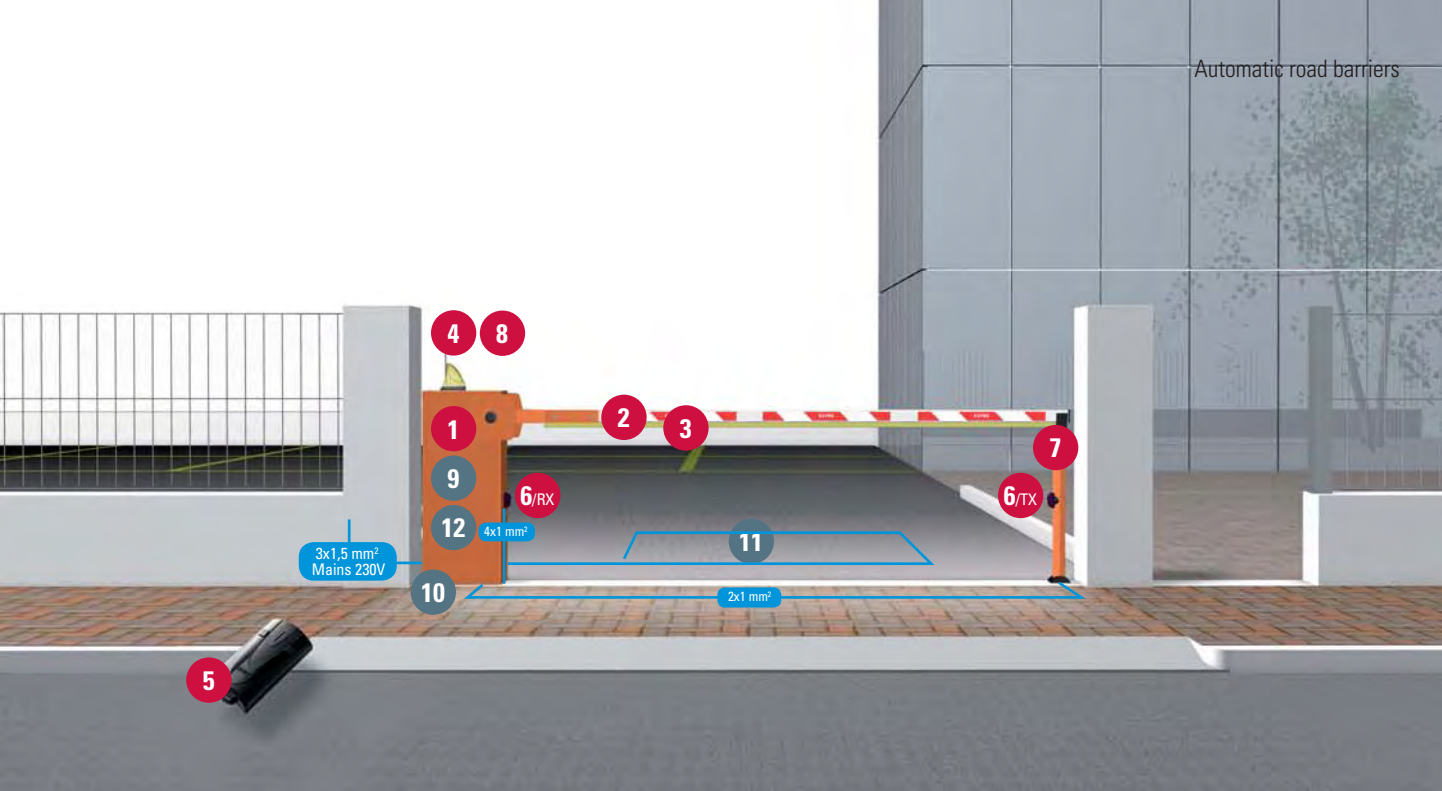
Package in two boxes A+B.

ZBR7

Kit for barriers with central arm 4,80 m with 433 MHz radio control.

It consists of: N. 1 machine body with electromechanical actuator 12V D.C., N. 1 central unit, N. 3 module arms with protection device, N. 1 flashing light with aerial and 433 MHz radio receiver type EL09, N. 2 two-channel 433 MHz radio controls type ET03, N. 1 pair of photocells, N. 1 column for the barrier support and 3 m cable for flashing light.

Package in two boxes A+B.



Items supplied in kit type ZBR

Reference to drawing	Type	Description	Quantity
1		Machine body + control unit	1
2		Module arm 3.20 m or 6.40 m or 4.80 m long	1
3		Safety switch trim for each module	1
4	EL09	Flashing light with 433 MHz receiver and aerial	1
5	ET03	Two-channel 433 MHz radio control	2
6		Pair of photocells	1
7	EE05	Support column	1
8	ZX64	Cable (4x0,5 mm²)	3 m.
ZBR1	Weight 76 kg		
ZBR2	Weight 88 kg		
ZBR7	Weight 84 kg		

Items not included in kit type ZBR

Reference to drawing	Type	Description	Quantity
9	ZBA1	12V 7Ah back-up battery	1
10	ZX30	Mounting plate	1
11	ZRS1	Magnetic coil	1
12	ZR01	Magnetic weight detector	1



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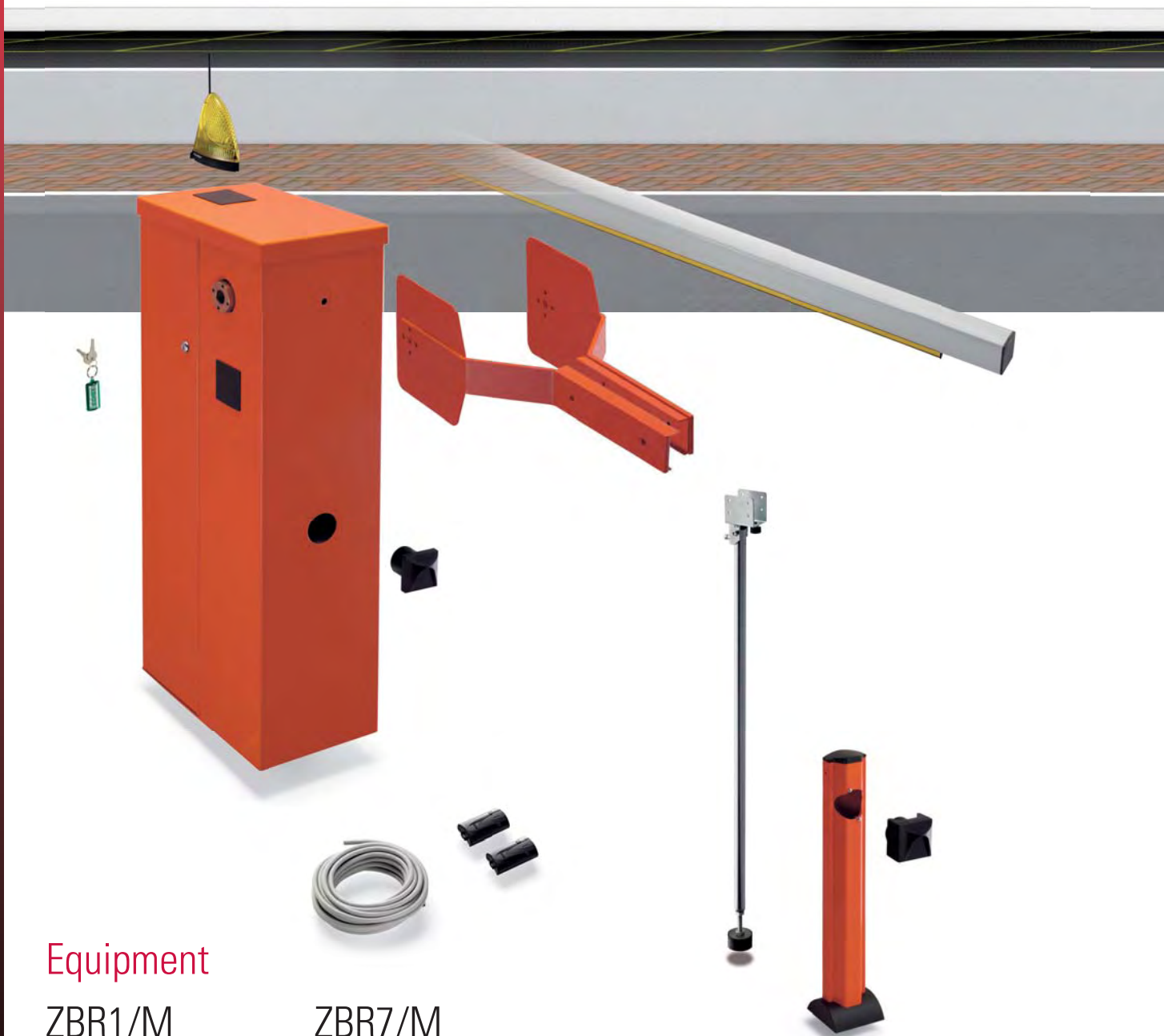
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ZBR/M series kits

Kits for barriers with mobile support.



Equipment

ZBR1/M

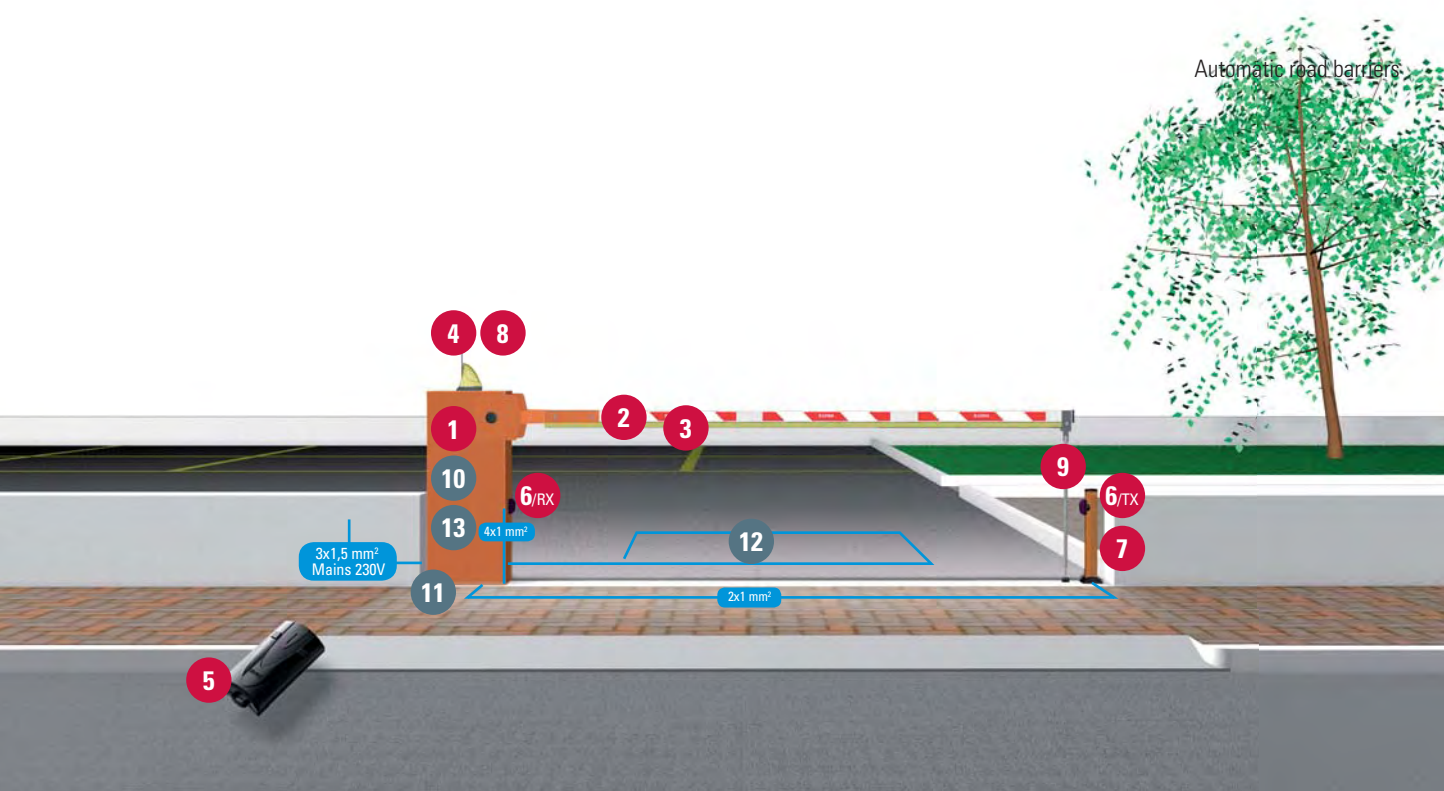
KIT for barriers with central arm of 3.2 m, mobile support and 433 MHz radio control.

The kit consists of: 1 machine body with 12V D.C. electromechanical motor, 1 control unit, 2 arm modules with protection device, 1 mobile support type ZBRM, 1 flashing light with aerial and 433MHz radio receiver type EL09, two 2-channel radio controls type ET03, 1 pair of photocells, 1 x 500 mm column, 3m cable for flashing light connection. Packed in two boxes A+B

ZBR7/M

KIT for barriers with central arm of 4.8 m, mobile support and 433 MHz radio control.

The kit consists of: 1 machine body with 12V D.C. electromechanical motor, 1 control unit, 3 arm modules with protection device, 1 mobile support type ZBRM, 1 flashing light with aerial and 433MHz radio receiver type EL09, two 2-channel radio controls type ET03, 1 pair of photocells, 1 x 500 mm column, 3m cable for flashing light connection. Packed in two boxes A+B



Items supplied in kit type ZBR/M

Reference to drawing	Type	Description	Quantity
1		Machine body + control unit	1
2		Module arm 3.20 m or 4.80 m long	1
3		Safety switch trim for each module	1
4	EL09	Flashing light with 433 MHz receiver and aerial	1
5	ET03	Two-channel 433 MHz radio control	2
6		Pair of photocells	1
7	EE06	500mm column	1
8	ZX64	Cable (4x0,5 mm²)	3 m.
9	ZBRM	Mobile support	1
ZBR1/M	Weight 77 kg		
ZBR7/M	Weight 85 kg		

Items not included in kit type ZBR/M

Reference to drawing	Type	Description	Quantity
10	ZBA1	12V 7Ah back-up battery	1
11	ZX30	Mounting plate	1
12	ZRS1	Magnetic coil	1
13	ZR01	Magnetic mass detector	1



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ZFER

Anti-intruder bollard



ZFER

Pack quantity	1
Unit weight kg	89



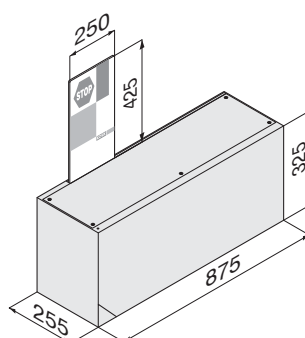
Main characteristics

The anti-intruder bollard is a device with underground retraction, used for access points with restricted vehicle entry, in the vicinity of automatic and manual gates and swing doors.

It is equipped with a galvanised foundation box and a mobile element, balanced by means of a counterweight, which protrudes from the structure thanks to a non-reversible mechanical actuator running at the low voltage of 12V D.C., installed on a special fixing plate.

N.B. The actuator must be combined with the electronic control box type EC35.

Technical specifications	ZFER
Motor supply voltage (V D.C)	12
Frequency (MHz)	50-60
Current absorption (A)	0,7
Rated motor power (W)	45
Motor speed (RPM)	1000
Protection rating	IP66
Operating temperature (°C)	-20 ÷ +55
Foundation box - LxHxP (mm)	1015x325x255
Mobile element - LxHx spessore (mm)	250x425x10



EC35

Control unit complete with transformer and electronic control board for 1 or 2 motors without radio receiver and with special microprocessor to guarantee immediate reversal of mobile element movement on detection of an obstacle.

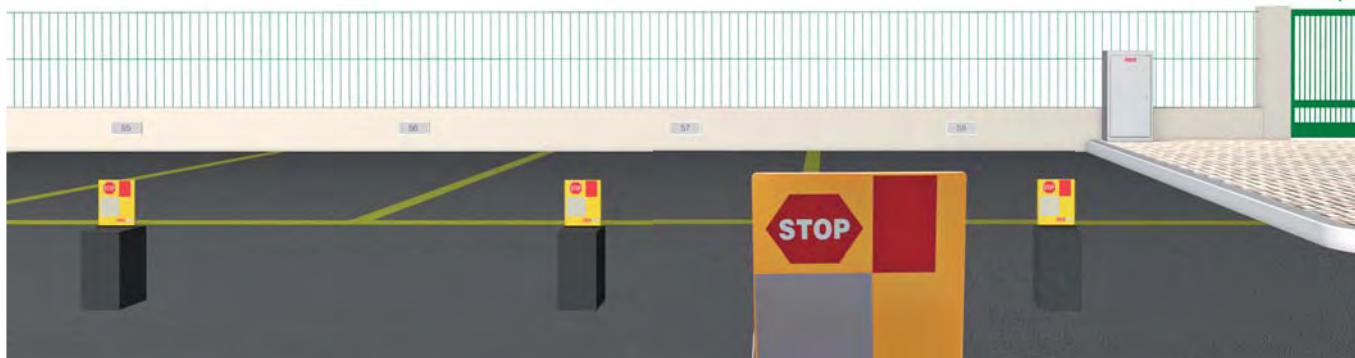
Pack quantity	1
Unit weight kg	4,8

12V direct current

Low Voltage. Maximum Safety

ZPAR

Parking space saver actuator



ZPAR

Pack quantity	1
Unit weight kg	30

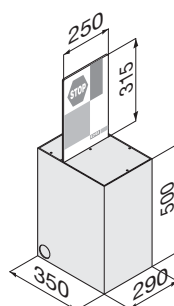


Main characteristics

The parking space saver actuator is a retractable device used at the centre of a private parking space.

It is equipped with a galvanised foundation box and a mobile element, which protrudes from the structure thanks to a non-reversible mechanical actuator running at low voltage of 12V D.C..

N.B. The actuator must be combined with the electronic control unit type EC35.



Technical specifications	ZPAR
Motor supply voltage (V D.C)	12
Frequency (MHz)	50-60
Current absorption (A)	0,7
Rated motor power (W)	30
Motor speed (RPM)	1000
Protection rating	IP67
Operating temperature (°C)	-20 ÷ +55
Foundation box - LxHxP (mm)	350x500x290
Mobile element - LxHx spessore (mm)	250x315x5



Low Voltage. Maximum Safety

EC35

Control unit complete with transformer and electronic control board for 1 or 2 motors without radio receiver and with special microprocessor to guarantee immediate reversal of mobile element movement on detection of an obstacle.

Pack quantity	1
Unit weight kg	4,8



Automation systems for roller shutters and blinds

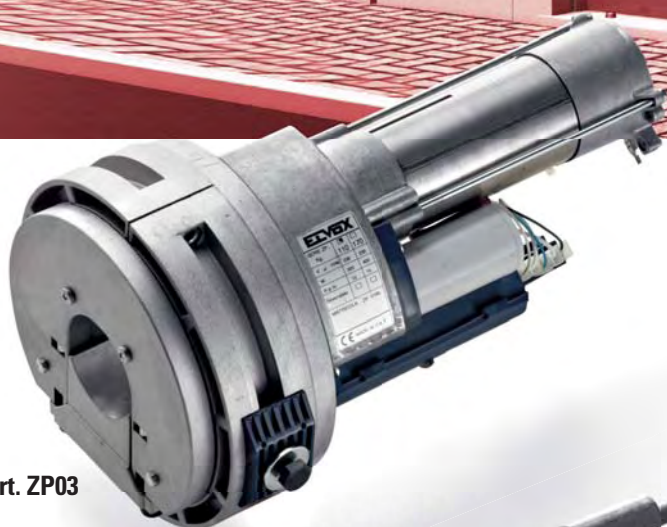


Simply reliable



ZP series

Automation systems for roller shutters



Art. ZP03



Art. ZP06



Main characteristics

The electromechanical geared motors for reversible and non-reversible roller shutters are equipped with a limit switch with mechanical memory, which is self-adjusting so as to ensure that the shutter stops a few centimetres before it reaches its mechanical stop during the opening cycle. Since the shutter can be lifted manually in the reversible version, we recommend the installation of external locks.

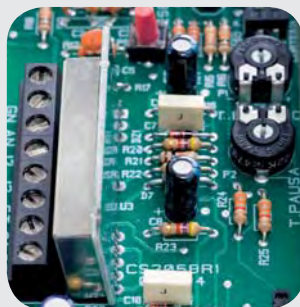
On the non-reversible version, the shutter can be opened and closed manually, by turning the release knob in the event of a power failure.

Equipment

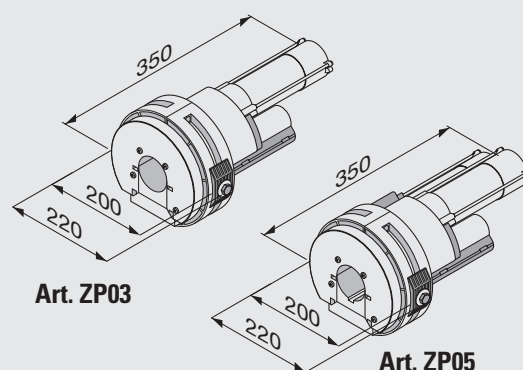
For different diameters from 60 and 200 mm. use adaptors provided.



The non-reversible motors can be fitted with a manual release via a knob placed inside the building or a lever positioned outside in a metal enclosure with a personalised key.



The electronic control unit type ZCP1 enables the creation of automatic systems with radio control in compliance with current safety standards.



ZP03

Reversible motor for roller shutter , with Ø 60/48 mm. shaft, lifting capacity 170 kg. Spring holder box 200/220 mm. Supply voltage: 230V A.C. 450W.

Pack quantity	1
Unit weight kg	7

ZP04

Non-reversible motor for roller shutter , with Ø 60/48 mm. shaft, lifting capacity 170 kg. , spring holder box 200/220 mm. Supply voltage: 230V A.C. 450W.

Pack quantity	1
Unit weight kg	8

ZP05

Non-reversible motor for roller shutter , with Ø 60/48 mm. shaft, lifting capacity 280 kg., spring holder box 200/220 mm. Supply voltage: 230V A.C. 800W.

Pack quantity	1
Unit weight kg	11

ZP06

Non-reversible motor for roller shutter , with Ø 60/48 mm. shaft, lifting capacity 280 kg., spring holder box 200/220 mm. Supply voltage: 230V A.C. 800W.

Pack quantity	1
Unit weight kg	12

ZP08

Reversible motor for roller shutters, with Ø 60/48 mm. shaft, lifting capacity: 160Kg. Spring holder box 200/220 mm. Supply voltage: 230V A.C. 630W. Designed for electromagnetic brake and 4 m. cable 4x1 mm²

Pack quantity	1
Unit weight kg	8

ZPX1

Electromagnetic brake for reversible motor type ZP08. Complete with steel cable (L = 5m.) and release knob.

Pack quantity	1
Unit weight kg	1

Technical specifications	ZP03	ZP04	ZP05	ZP06	ZP08
Supply voltage (V A.C.) (+6% -10%)	230	230	230	230	230
Electric motor (RPM)	1500	1500	(2) 1500	(2) 1500	1400
Motor power (W)	450	450	800	800	630
Operating temperature (°C)	-20 ÷ 70	-20 ÷ 70	-20 ÷ 70	-20 ÷ 70	-20 ÷ 85
Thermic safety time (min)	4	4	4	4	4
Capacitor (MF)	18	18	35	35	20
Crown speed (RPM)	10	10	10	10	10
Lift capacity (Kg)	170	170	280	280	160
Shutter (mm)	60/48	60/48	60/48	60/48	60/48
Spring-holder box (mm)	200/220	200/220	200/220	200/220	200/220
Shutter max. height (m)	9	9	9	9	6
Shutter max. width (m)	4,5	4,5	4,5	4,5	4,5

Kit type EKR4

Kit for roller shutters, with capacity up to 170 Kg, with non-reversible motor and 433 MHz frequency radio control.



Equipment

The kit consists of: 1 motor type ZP04, 1 metal enclosure with manual release and pushbutton type ZPB1, 1 control unit with 433 MHz radio receiver type ZPC1, 1 flashing light 230V with board for aerial 433MHz and wall-fixing support type EL07/A, 1 two-channel radio control type ET03.



Items supplied in kit type EKR4

Reference to drawing	Type	Description	Quantity
1	ZP04	Non-reversible geared motor	1
2	ZPB1	Metal enclosure with manual release and pushbutton	1
3	ZPC1	Control unit with 433 MHz radio receiver	1
4	EL07/A	Flashing unit with board for 433MHz aerial and support	1
5	ET03	2-channel radio control	1
Weight kg	15		



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ZV series

Automation systems for blinds and sun awnings



Art. ZV07



Art. ZV08

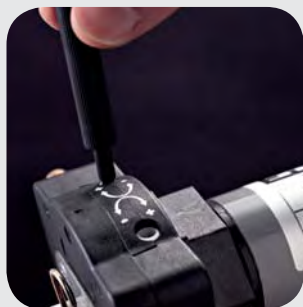
Main characteristics

New electromechanical geared motors for roller blinds and sun awnings, available in eight versions, according to weight, with or without manual backup device.

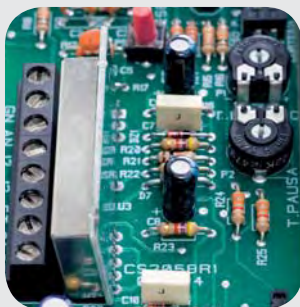
Our geared motors are the products of a technologically advanced production process, are made in accordance with the directives of the most respected quality certification bodies, and undergo rigorous tests to guarantee long service life and maximum safety and reliability. The limit switches are adjusted manually, by using the key supplied to turn the two "adjuster screws" located at the end of the motor.

Equipment

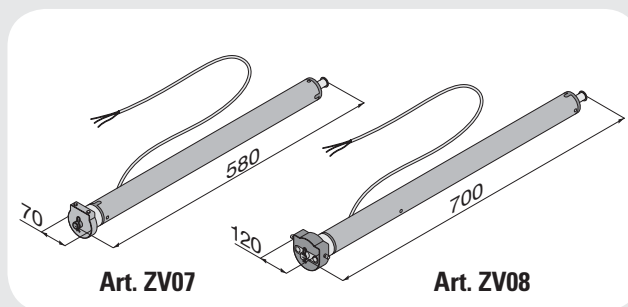
The roller shutter motors are supplied standard with one metre of cable for the electrical connection, a pair of octagonal adaptors and one fixing bracket.



Precise settings of limit switches by means of the two "adjusters".



The electronic control unit type ZCV1 enables the creation of automatic systems with radio control in compliance with current safety standards.



ZV01

Tubular geared motor without emergency release control, maximum capacity without friction 50 kg.

Pack quantity	1
Unit weight kg	2.3

ZV02

Tubular geared motor without emergency release control, maximum capacity without friction 70 kg.

Pack quantity	1
Unit weight kg	2.5

ZV03

Tubular geared motor without emergency release control, maximum capacity without friction 90 kg.

Pack quantity	1
Unit weight kg	2.7

ZV04

Tubular geared motor with emergency release control, maximum capacity without friction 50 kg.

Pack quantity	1
Unit weight kg	2.5

ZV05

Tubular geared motor with emergency release control, maximum capacity without friction 70 kg.

Pack quantity	1
Unit weight kg	2.7

ZV06

Tubular geared motor with emergency release control, maximum capacity without friction 90 kg.

Pack quantity	1
Unit weight kg	3

ZV07

Tubular geared motor without emergency release control, maximum capacity without friction 30 kg.

Pack quantity	1
Unit weight kg	2

ZV08

Tubular geared motor with emergency release control, maximum capacity without friction 30 kg.

Pack quantity	1
Unit weight kg	2.3

Technical specifications	ZV01	ZV02	ZV03	ZV04	ZV05	ZV06	ZV07	ZV08
Supply voltage (V A.C.) (+6% -10%)	230	230	230	230	230	230	230	230
Motor power (W)	240	300	345	240	300	300	190	190
Motor absorption (A)	1,2	1,3	1,6	1,1	1,3	1,5	0,9	0,8
Travel limit (n°. rotations)	0-30	0-20	0-30	0-20	0-30	0-20	0-20	0-20
Motor rpm	2800	2800	2800	2800	2800	2800	2800	2800
Rotation speed (RPM)	12	12	12	13	12	13	12	12
Torque (Nm)	34,5	49,8	64,2	34,5	49,8	64,2	19,7	19,7
Adapter rate for manual operation	-	-	-	1:21	1:21	1:21	-	1:21
Insulation class	H	H	H	H	H	H	H	H
Protection degree	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Max. capacity without friction (Kg)	50	70	90	50	70	90	30	30

Accessories for roller shutters.



ZPC1

Control unit for ZP series motors for roller shutters with 433 MHz radio receiver. Supply voltage: 230V A.C. Dimensions (WxHxD): 140x165x58 mm.

Pack quantity	1
Unit weight kg	0.6



ZPC2

Additional control unit for ZP series motors for simultaneous control of 2 motors. For combination with ZPC1. Supply voltage 230 V A.C. Dimensions LxHxD: 70x115x50 mm

Pack quantity	1
Unit weight kg	0.2



EL07

Flashing light without aerial, with support for wall mounting. Supply voltage: 230V A.C.

Pack quantity	1
Unit weight kg	0.25



EL07/A

Flashing light with aerial for a 433 MHz radio receiver and support for wall mounting. Supply voltage: 230V A.C.

Pack quantity	1
Unit weight kg	0.3



ZDP1

Switch for surface wall-mounting, in aluminium. Dimensions (WxHxD): 72x70x62 mm.

Pack quantity	1
Unit weight kg	0.5



ZPB1

Aluminium protection case with manual release and push-button for roller shutters. Dimensions (WxHxD): 120x78x33 mm.

Pack quantity	1
Unit weight kg	4

Accessories for tubular geared motors

**ZVC1**

Control unit for ZV series motors with 433 MHz radio receiver.
Supply voltage: 230V A.C.
Dimensions: (WxHxD): 70x115x50 mm.

Pack quantity	1
Unit weight kg	0.4

**ZL43**

Aerial for 433 MHz radio receivers with support for surface wall-mounting and with 3 m RG58 cable.

Pack quantity	1
Unit weight kg	0.21

**ZXVA**

Motor support with adjustable 10 mm dowel for ZV series.

Pack quantity	1
Unit weight kg	0.15

**ZXVB**

Pair of Ø 60 octagonal star adapters.

Pack quantity	1
Unit weight kg	0.1

**ZXVC**

Pair of Ø 70 mm adapters with ogive for awnings.

Pack quantity	1
Unit weight kg	0.1

**ZXVD**

Articulated manoeuvring pole with hook, 1500 mm long

Pack quantity	1
Unit weight kg	0.7

**ZXVE**

Standard manoeuvring eye, 85 mm high.

Pack quantity	1
Unit weight kg	0.1

**ZXVF**

Standard manoeuvring eye, 110 mm high.

Pack quantity	1
Unit weight kg	0.2

**ZXVG**

45° cardan joint complete with rod and eye, 45° articulated end union and height 250 mm.

Pack quantity	1
Unit weight kg	0.4

**ZXVH**

90° cardan joint complete with rod and eye, 45° articulated end union and height 250 mm.

Pack quantity	1
Unit weight kg	0.4

Accessories - Special kits



Flashing light or courtesy light



Control units

EC series

ELVOX control units, 12V D.C. low voltage and plastic box for surface or wall-mounting depending on installation requirements. The electronic control unit has been produced to high quality standards and uses a wiring system with removable terminal blocks to facilitate installation. Low and high voltages are kept apart by means of a plastic separator to ensure simple and safe working conditions.

All control units are equipped with a compartment for a back-up battery (optional). The electronic board is fitted as standard with a battery charging circuit to guarantee constant actuator operation.



Main characteristics

Transformer supply voltage: 230V
Transformer power: 220VA
Frequency: 50 – 60 Hz
Card supply voltage: 12V D.C.
Actuator supply voltage: 12V D.C.
Contact capacity of the second channel relay: 12A
Control Led's indicators: red Led's
Protection indicators: green Led's.
Protection degree: IP44
Operating temperature: - 20° C / + 55° C
Dimensions: 200x260x136 mm.

Main functions

Electronic Clutch (Encoder)
Door offset function
Travel deceleration function
Automatic closing
Electric lock management
Step-step function
Start-up current
Open/Stop/Close Function
Pedestrian opening

Flashing light or courtesy light
Preflashing on open/close
Gate open indicator
Battery charge circuit
Battery low indicator
Second channel relay
Photocells on opening
Led diagnostics of safety devices
Led diagnostics of controls



EC31

Control unit complete with electronic control card for 1 or 2 motors without radio receiver, transformer and control keypad.

Supply voltage 230 V A.C.

Dimensions LxHxD: 200x260x136 mm.

Pack quantity	1
Unit weight kg	4.8



EC33

Control unit complete with transformer and electronic control card for 1 or 2 motors without radio receiver and control keypad.

Supply voltage 230 V A.C.

Dimensions LxHxD: 200x260x136 mm.

Pack quantity	1
Unit weight kg	4.8

ZP series

Control unit with 433 MHz radio receiver, for automation of motors for balanced type roller shutters.



Main characteristics

Supply voltage 230 V
Frequency: 50-60 Hz
Motor supply voltage 230 V
Maximum motor load: 800W
Max. motor absorption 3.5 A
Accessory supply voltage 12 V A.C.
Relay capacity 16A
Protection rating: IP30
Operating temperature 20° to 55°C
Dimensions: 140x170x58 mm

ZPC1

ZP series control unit for shutters with 433 MHz radio receiver. Supply voltage 230 V A.C..
Dimensions LxHxD: 140x165x58 mm.

Pack quantity	1
Unit weight kg	0.6

ZPC2

Additional control unit for shutters series ZP for simultaneous control of 2 motors. For combination with ZPC1. Supply voltage 230 V A.C..
Dimensions LxHxD: 70x115x50 mm

Pack quantity	1
Unit weight kg	0.2

ZV series

Control unit with 433 MHz radio receiver, for automation of tubular geared motors for blinds.



Main characteristics

Supply voltage 230 V
Frequency: 50-60 Hz
Motor supply voltage 230 V
Maximum motor load: 345W
Max. motor absorption 3 A
Relay capacity 6A
Protection rating: IP30
Operating temperature 20° to 55°C
Dimensions: 70x115x50 mm

ZVC1

ZV series control unit for blinds with 433 MHz radio receiver. Supply voltage 230 V A.C..
Dimensions LxHxD: 70x115x50 mm

Pack quantity	1
Unit weight kg	0.4

Control units

ECR series

Type ECR1 is a reception control unit (Rolling -Code receiver /decoder) for the installation of a control system for automatic gates, perimeter lighting etc.

The Rolling-code control unit decodes and accepts an encrypted code transmitted by one or more Rolling-Code radio controls type ETR1.

Main characteristics

Supply voltage: 12V /24 V A.C./D.C. - Power supply selectable by means of jumper

Receive frequency: 433.92 MHz

Consumption on stand-by: 20 mA

Memory capacity: 400 users - Management of transmitter coding with programmer type 950B.

No. output relays: 4 - N.O. (normally open)

Relay operation: Monostable/bistable/Timed- Three time scales: sec, min and tenths of minutes..

Relay capacity: 1A 24V

Indicators: Red Led's

Operating temperature 20° to 55°C

Protection rating: IP x4

Dimensions: 118x87x56 mm



ECR1

Rolling code control unit with 4 relays.

Pack quantity	1
Unit weight kg	0.2

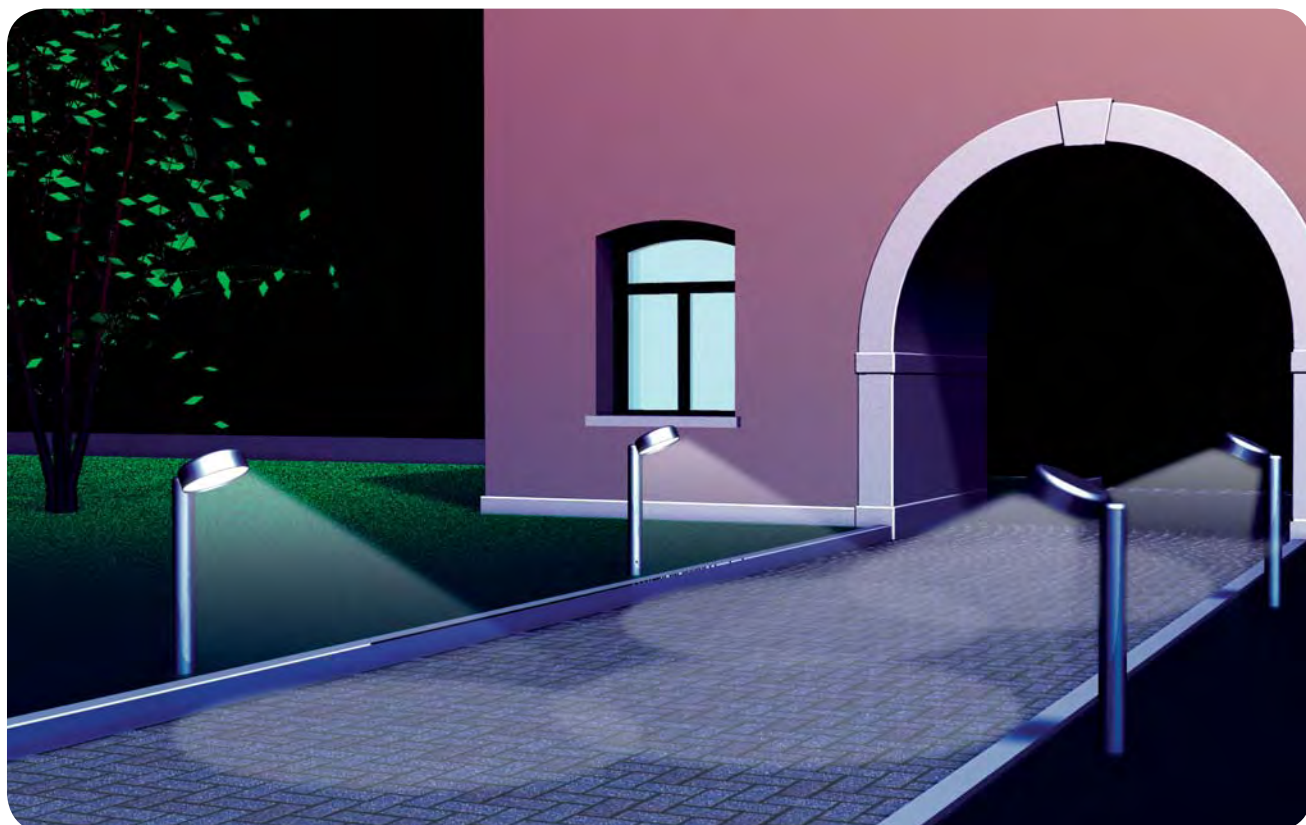


950B

Portable programmer for card type EC25 and control unit type ECR1.

Pack quantity	1
Unit weight kg	0.3

Activation of external lighting via radio control



Accessories and spare parts for control units



ECV0

Box without keyboard and transformer for EC series control units.

Pack quantity	1
Unit weight kg	0.9



ZBA1

12V 7Ah back-up battery

Pack quantity	1
Unit weight kg	2.7



ZX20

"Warning" sign

Pack quantity	1
Unit weight kg	0.07



ZC21

Electronic control card for 1 or 2 motors with 433 MHz radio receiver.

Pack quantity	1
Unit weight kg	0.5

ZC24

Electronic control card for 1 or 2 motors without radio receiver

Pack quantity	1
Unit weight kg	0.5



R204

Lock for ZS series sliding gate actuators, ZA series actuators and ZS and EC series control units.

Pack quantity	1
Unit weight kg	0.03



R306/10

Rubber cover for lock (10 pcs).

Pack quantity	10
Unit weight kg	0.02



R307

230V 220VA transformer for control units.

Pack quantity	1
Unit weight kg	1.9



R310

Microprocessor version V 1.26 for control unit

Pack quantity	1
Unit weight kg	0.01

Radio controls

Traditional dip-switch type radio controls

Radio controls with SAW Resonator 2 or 4 channel frequency stabiliser
Stylish design with indicator Led for radio signal transmission status.

Technical specifications

Operating frequency: 40 MHz – 433 MHz – 868 MHz

Range (unobstructed) 50-150 m

AAA battery: 12 V type 23A

Dimensions: 40x77x17.5 mm



ET02

40 MHz four-channel radio control.
(red colour)

Pack quantity	1
Unit weight kg	0.05



ET03

433 MHz two-channel radio control.
(black colour)

Pack quantity	1
Unit weight kg	0.05

ET03/20

Pack of 20 two-channel radio controls,
433 MHz (black colour).

Pack quantity	20
Unit weight kg	1.1



ET04

433 MHz four-channel radio control.
(black colour)

Pack quantity	1
Unit weight kg	0.05



ET07

868 MHz two-channel radio control.
(sky-blue colour)

Pack quantity	1
Unit weight kg	0.05



ET08

868 MHz four-channel radio control.
(sky-blue colour)

Pack quantity	1
Unit weight kg	0.05

ROLLING-CODE radio control

Stylish and ultra-compact, technological and above all SAFE. The new radio control, type ETR1, guarantees maximum safety, with an infinite range of possible code combinations, thus impossible to clone. Code memorisation in control unit type ECR1, is by self-learning mode. Indicator Led's for radio signal transmission status. To enable access at all times, it is designed for fitting to any key ring.

Technical specifications

Operating frequency: 433 MHz
Range (unobstructed) 50-100 m
Lithium battery: 2xCR2016
Dimensions: 36x64x11.5 mm



ETR1

Rolling-code 4-channel radio control, 433 MHZ, for control unit type ECR1.

Pack quantity	1
Unit weight kg	0.03



Flashing lights and aerials

Flashing lights with radio receiver

Innovative design of flashing lights with receiver and built-in aerial. As well as indicating activation and movement of the automatic gate system, this also indicates the back-up battery status in the case of low voltage actuators. Suitable for horizontal application on a flat surface or wall-mounting by means of support type EL23.

Technical specifications of 12V D.C. flashing lights

Receive frequency: 40 MHz – 433 MHz – 868 MHz
Bulb supply voltage: 14 V
Bulb power: 5W
Protection rating: IP54
Operating temperature 20° to 55°C
Dimensions: 79x139x245 mm



EL01

Flashing light with aerial and 40 MHz radio receiver.

Pack quantity	1
Unit weight kg	0.20

EL09

Flashing light with 433 MHz radio receiver and aerial.

Pack quantity	1
Unit weight kg	0.20

EL11

Flashing light with 868 MHz radio receiver and aerial.

Pack quantity	1
Unit weight kg	0.20



EL02

Flashing light with aerial and 40 MHz radio receiver and wall-mounting support.

Pack quantity	1
Unit weight kg	0.25

EL10

Flashing light with aerial, 433 MHz radio receiver and support for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.25

EL12

Flashing light with aerial, 868 MHz radio receiver and support for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.25

Technical specifications of 230V A.C. flashing lights

Receive frequency 433 MHz
Bulb supply voltage: 220 V
Bulb power: 25W
Protection rating: IP54
Operating temperature 20° to 55°C
Dimensions: 79x139x245 mm



EL07

Flashing light without aerial, with support for surface wall-mounting. Supply voltage: 230V A.C.

Pack quantity	1
Unit weight kg	0.25



EL07/A

Flashing light with aerial for 433MHz radio receiver and support for surface wall-mounting. Supply voltage: 230V A.C.

Pack quantity	1
Unit weight kg	0.3

Aerials



EL04

Aerial with 40 MHz radio receiver and wall-mounting support.

Pack quantity	1
Unit weight kg	0.25

EL08

Aerial with 433 MHz radio receiver and support for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.25

EL13

Aerial with 868 MHz radio receiver and support for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.25



ZL43

Aerial for 433 MHz radio receivers with support for surface wall-mounting and 3 m cable type RG58.

Pack quantity	1
Unit weight kg	0.21

ZL4M

Amplified 40 MHz aerial with 3 m cable type RG58.

Pack quantity	1
Unit weight kg	0.3

Accessories and spare parts for flashing lights and aerials



EL23

Support for EL series flashing light for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.05



ZL25

Aerial for 433 MHz flashing light 200 mm

Pack quantity	1
Unit weight kg	0.03



ZL26

Aerial for 868 MHz flashing light 110 mm

Pack quantity	1
Unit weight kg	0.02



REL1

EL series flashing light cover.

Pack quantity	1
Unit weight kg	0.1



R312/V

433 MHz radio electronic card for type EL09, EL10 and EL08.

Pack quantity	1
Unit weight kg	0.01



R313/V

40 MHz radio receiver board for EL01, EL02 and EL04.

Pack quantity	1
Unit weight kg	0.01



RZ12

14V bulb for flashing lights.

Pack quantity	1
Unit weight kg	0.01

Photocells/columns

EF series

ELVOX offers unique technological and above all functional devices, of the highest quality.

Protection devices for flush, surface or column mounting for automatic doors, gates and access points. The kit consists of an infrared receiver and transmitter.

On type EF04/S, a two-coloured Led's indicates optimum alignment between the receiver and transmitter, with selectable capacity and voltage, while the innovative synchronisation technology ensures that each receiver can only operate with the associated transmitter, thereby avoiding interference with other devices.



Technical specifications of synchronised photocells type EF04/S

Supply voltage: 12V/24V D.C./V A.C.

Maximum rated capacity: 20m.

Relay contact capacity: 1A 24V

Answering time <30ms

Protection rating: IP54

Maximum absorption RX 55 mA

Maximum absorption TX 65 mA

Two-colour (red/green) Led indicator

Operating temperature: -20° C./+55°C.

Dimensions: 60x89x31 mm.

EF04/S

Pair of synchronised low profile surface wall-mounted and column-mounted photocells type EE11 and EE12. Supply voltage 12/24 V D.C./V A.C.

Pack quantity	1
Unit weight kg	0.2



Technical specifications of photocells type EF01/EF02

Supply voltage: 12V D.C.

Maximum rated capacity 50m

Relay contact capacity: 1A 24V

Protection rating: IP54

Max . absorption RX 30 mA

Max . absorption TX 20 mA

Operating temperature 20° to 55°C

Dimensions EF01: protrusion 78x78x37 mm - flush diam.60 x 57 mm

Dimensions EF02: protrusion 78x78x61 mm - flush diam.60 x 24 mm

EF01

Pair of flush-mounted photocells. For flush-mounting, use boxes type ZX26.

Pack quantity	1
Unit weight kg	0.35

EF02

Pair of column-mounted photocells type EE01, EE02.

Pack quantity	1
Unit weight kg	0.4

Columns



EE01

500 mm column with base, cover and one hole for the installation of photocells type EF02.

Pack quantity	1
Unit weight kg	1



EE02

1000 mm column with base, cover and two holes for the installation of photocells type EF02 and key switches type ED02, ED22 and ED32.

Pack quantity	1
Unit weight kg	1.4



EE11

500 mm low profile column with base, cover and one hole for the installation of photocells type EF04/S.

Pack quantity	1
Unit weight kg	1



EE12

1000 mm low profile column with base, cover and two holes for the installation of photocells type EF04/S and key switches type EDE4, EDE5 and EDE6.

Pack quantity	1
Unit weight kg	1.3

Accessories and spare parts for photocells and columns



ZX26

Single flush-mounted back box for EF01 series photocells and ED01 series switches fixing. Dimensions (WxHxD): 72x72x83 mm.

Pack quantity	1
Unit weight kg	0.04



ZX45

Support for mounting of type EF04/S in a perpendicular wall.

Pack quantity	1
Unit weight kg	0.22



REF1

Cover and base for photocells type EF04 and EF04/S.

Pack quantity	1
Unit weight kg	0.03



R301

Cover for ZF01, ZF02, EF01, EF02 series photocells.

Pack quantity	1
Unit weight kg	0.03



ZX46

Mounting plate for columns type EE11, EE12 and EE14.

Pack quantity	1
Unit weight kg	0.3



EXE1

Base cover for EE01, EE02, EE04 series columns.

Pack quantity	1
Unit weight kg	0.07

Switches/columns

ED Series

ELVOX offers a complete range of keyswitches for automation activation. Various solutions to meet all user requirements. Devices with personalised keys and plastic enclosures, or for increased vandal resistance to attempts at tampering or vandalism, in die-cast aluminium.

Technical specifications of type EDE4

NC/NO contacts
Relay contact capacity 1A 24V
Operating temperature 20° to 55°C
Dimensions: 60x89x37 mm

EDE4

Low profile key switch for surface wall-mounting or for mounting on columns.

Pack quantity	1
Unit weight kg	0.15

EDE5

Pair of low profile key switches for surface wall-mounting with identical keys.

Pack quantity	1
Unit weight kg	0.25

EDE6

Set of three low profile key switches for surface wall-mounting with identical keys.

Pack quantity	1
Unit weight kg	0.4



Technical specifications of type ED01 and type ED02

NC/NO contacts
Relay contact capacity 1A 24V
Operating temperature 20° to 55°C
Dimensions ED01 protrusion 78x78x37 mm - flush diam.60 x 57 mm
Dimensions ED02 protrusion 78x78x61 mm - flush diam.60 x 24 mm

ED01

Flush-mounted key switch. For flush-mounting use boxes type ZX26

Pack quantity	1
Unit weight kg	0.2

ED21

Pair of flush-mounted key switches with identical keys.
For flush-mounting use boxes type ZX26.

Pack quantity	1
Unit weight kg	0.35

ED31

Set of three flush-mounted key switches with identical keys.
For flush-mounting use boxes type ZX26.

Pack quantity	1
Unit weight kg	0.5



ED02

Key switch for mounting on columns type EE02 and EE04.

Pack quantity	1
Unit weight kg	0.25

ED22

Pair of key switches for mounting on columns type EE02 and EE04.

Pack quantity	1
Unit weight kg	0.45

ED32

Set of three key switches for mounting on columns type EE02 and EE04.

Pack quantity	1
Unit weight kg	0.6



Columns



EE02

1000 mm column with base, cover and two holes for the installation of photocells EF02 and key switches ED02, ED22 and ED32.

Pack quantity	1
Unit weight kg	1.4



EE04

1000 mm column with base, cover and one hole for the installation of key switches ED02, ED22 and ED32.

Pack quantity	1
Unit weight kg	1.6



EE12

1000 mm low profile column with base, cover and two holes for the installation of photocells EF04/S and key switches EDE4, EDE5 and EDE6.

Pack quantity	1
Unit weight kg	1.3



EE14

1000 mm low profile column with base, cover and one hole for the installation of key switches EDE4, EDE5 and EDE6.

Pack quantity	1
Unit weight kg	1.4

Accessories and spare parts for switches and columns



ZX26

Single flush-mounted back box for EF01 photocell and ED01 switches fixing. Dimensions (WxHxD): 72x72x83 mm

Pack quantity	1
Unit weight kg	0.04



ZX46

Mounting plate for EE11, EE12 and EE14.

Pack quantity	1
Unit weight kg	0.3



RED1

Cover and base for switches type EDE4, EDE5 and EDE6.

Pack quantity	1
Unit weight kg	0.02



R302

Cover for selector type ZD01, ZD02, ED01, ED02

Pack quantity	1
Unit weight kg	0.02

Switches, control units and indicators

ZDP1

Switch for surface wall-mounting, in aluminium.

Pack quantity	1
Unit weight kg	0.5



Technical specifications of type ZDP1

NC/NO contacts
Relay contact capacity 1A 24V
Operating temperature 20° to 55°C
Dimensions: 71.5x73.5x66 mm

ZD03

Push-button panel for surface wall-mounting.

Pack quantity	1
Unit weight kg	0.07



ZD08

Digital control keypad, 500 users.
Supply voltage 12/24 V D.C./V A.C.

Pack quantity	1
Unit weight kg	0.6



Technical specifications of type ZD08

Supply voltage 12/24 V D.C./V A.C..
Max. motor absorption 1.15 A
Contact outputs: NO/NC
Relay contact capacity 2A
Protection rating: IP67
Operating temperature:
with thermostat control -20°C/+63°C
Without thermostat control 0°C/63°C
Dimensions: 76x120x21 mm

ZD12 Series

New automatic system for magnetic badge readers and proximity readers with innovative features, guaranteeing increased safety for final users. On these control units, as well as the facility for connecting magnetic badge readers, there is the option to connect new proximity readers with keys or badges.

ZD12/C

Control unit for readers type ZD12/L,
250 users.
Supply voltage 12 V D.C./V A.C.

Pack quantity	1
Unit weight kg	0.1



Technical specifications of type ZD12/C

Supply voltage 12 V A.C./V D.C.
Max . absorption 80 mA
Memory capacity: 250 users
Contact outputs: NO/NC (timed or bistable)
Relay contact capacity 5A
2-colour indicator Led's (Red/Green)
Protection rating: IP44
Operating temperature 20° to 55°C
Dimensions: 55x100x21 mm

ZD12/L

Magnetic key reader, for combination
with control unit type ZD12/C.

Pack quantity	1
Unit weight kg	0.2



Technical specifications of type ZD12/L

Supply voltage: 12V D.C.
Max . absorption 8 mA
Protection rating: IP44
Operating temperature -15°C/+55°C
Dimensions: 73x80x37 mm

ZD13

Encoded magnetic key for type ZD12
and ZD12/L.

Pack quantity	1
Unit weight kg	0.01



ZD16

Outdoor proximity reader for combination with control unit type ZD12/C.

Pack quantity	1
Unit weight kg	0.04



Technical specifications of type ZD16

Supply voltage: 12V D.C.
 Max. absorption 20 mA
 Reading distance 8 cm
 2-colour indicator Led's (Red/Green), buzzer
 Distance of connection to control unit: max. 100 metres
 Protection rating: IP67
 Operating temperature -15°C/+55°C
 Dimensions: 14x95x27 mm

ZD17

Proximity key for type ZD16.

Pack quantity	1
Unit weight kg	0.08



ZD18

Proximity badge for type ZD16.

Pack quantity	1
Unit weight kg	0.02



Magnetic mass detector



ZR01

Single channel magnetic mass detector with undecal socket, 2 outputs, impulsive and/or presence.

Supply voltage: 12-24V D.C./V A.C.
 Dimensions WxHxD: 88x76x38 mm.

Pack quantity	1
Unit weight kg	0.2



ZRS1

Magnetic loop for mass detector type ZR01. Length: 6 m

Pack quantity	1
Unit weight kg	0.8

Traffic light



ZSEM

Traffic light with two lights and two lenses, red-green. Supplied with two 70W long-life bulbs, with an adjustable angle through approximately 200°, equipped with wall fixing brackets.
 Supply voltage 230 V A.C.

Pack quantity	1
Unit weight kg	3.2

Control modules



ZC48

4 relay module and 4-channel 433 MHz radio receiver, in 4-DIN module housing to combine with aerial type ZL43.
Supply voltage: 12V D.C./A.C.
Dimensions (WxHxD): 70x115x50 mm

Pack quantity	1
Unit weight kg	0.2

ZC52

1 relay module and 1-channel 433 MHz radio receiver, in 4-DIN module housing to combine with aerial type ZL43.
Dimensions (WxHxD): 70x115x50 mm

Pack quantity	1
Unit weight kg	0.15

ZC62

1 relay module without radio receiver to combine with aerials type EL04, EL08, and EL13.
Dimensions (WxHxD): 70x115x50 mm

Pack quantity	1
Unit weight kg	0.15

ZC64

Module with 4 relays, without radio receiver to combine with aerial type EL04, EL08 and EL13.
Dimensions (WxHxD): 70x115x50 mm.

Pack quantity	1
Unit weight kg	0.2



ZC10

Control relay with base on DIN module. Load on contacts: 12A 230V A.C.
Supply voltage: 12V D.C.

Pack quantity	1
Unit weight kg	0.07



ZC30

16A 250C A.C. modular impulse relay. Mounting on 35 mm bar.
12V D.C. coil supply voltage.

Pack quantity	1
Unit weight kg	0.1

Cables

ZX23

Cable in PVC N.P.I. 12-48V CEI 20-22 - II CEI 20-37 I for connection of actuators, comprising : 2 wires of 2 mm² for motor supply and 3 wires of 0,5 mm² for the motor encoder.

Supplied in rolls of 30 metres

Pack quantity	1
Unit weight kg	4

ZX29

Cable in PVC N.P.I. 12-48V CEI 20-22 - II CEI 20-37 I for connection of actuators, comprising : 2 wires of 2 mm² for motor supply and 3 wires of 0,5 mm² for the motor encoder.

Supplied in rolls of 10 metres

Pack quantity	1
Unit weight kg	1.3



ZX64

Cable in PVC N.P.I. 12-48V CEI 20-22 II, CEI 20-37 I for flashing light connection. Comprising: 4 wires of 0.5 mm².

Price per metre.

Pack quantity	1
Unit weight kg	-

ZX73

Cable in PVC N.P.I. 12-48V CEI 20-22 - II CEI 20-37 I for connection of actuators, comprising : 2 wires of 2.5 mm² for motor supply, 5 wires of 0.5 mm² for various accessories and 3 wires of 0.5 mm² for motor encoder.

Supplied in rolls of 10 metres

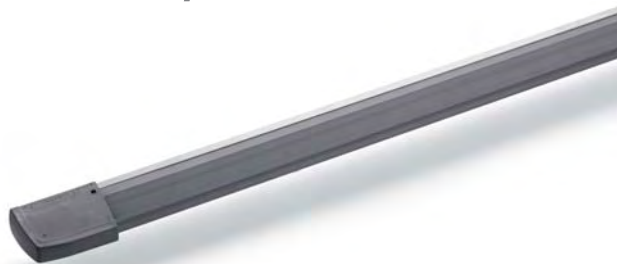
Pack quantity	1
Unit weight kg	3.8

ZX71

Cable in PVC N.P.I. 12-48V CEI 20-22 - II CEI 20-37 I for connection of actuators, comprising : 2 wires of 2.5 mm² for motor supply, 5 wires of 0.5 mm² for various accessories and 3 wires of 0.5 mm² for motor encoder.
Supplied in rolls of 30 metres

Pack quantity	1
Unit weight kg	80

Safety devices



ZX01

Wired mechanical safety trim. 1.50m.

Pack quantity	1
Unit weight kg	2

ZX02

Wired mechanical safety trim. 2m.

Pack quantity	1
Unit weight kg	3



ZX44

Safety switch trim for barriers 1,6 m with two aluminium profiles for horizontally pivoted doors.

Pack quantity	1
Unit weight kg	3.3

ZX38

Wired mechanical safety trim. 1.80m.

Pack quantity	1
Unit weight kg	3.8

ZX40

Wired mechanical safety trim. 2.50m.

Pack quantity	1
Unit weight kg	4



ZX03

Aluminium profile for the safety switch trim type ZX06 mounting, 1 m.

Pack quantity	1
Unit weight kg	0.13



ZX06

Pneumatic edging with one end stop for each metre.

Pack quantity	1
Unit weight kg	0.35



ZX11

Pressure switch with one metre tubing.

Pack quantity	1
Unit weight kg	0.04



ZX12

Pressure switch case.

Pack quantity	1
Unit weight kg	0.08



ZN26

Safety kit for pedestrian door for horizontally pivoted doors.

Pack quantity	1
Unit weight kg	0.3

Special kits

EKS4

KIT for sliding gates with leaf up to 1000 Kg, with 433 MHz radio control.

The kit consists of: 1 actuator type ES09, 1 flashing light with support, aerial and 433MHz radio receiver type EL10, two 2-channel radio controls type ET03, 1 pair of photocells type EF04/S, 1 keyswitch type EDE4, 1 mounting plate type ZX16

Pack quantity	1
Unit weight kg	13,5

EKS6

KIT for 2-leaf sliding gates each up to 1000 Kg, with 433 MHz radio control.

The kit consists of: 1 actuator type ES10, 1 actuator type ES12, N. 1 flashing light with support, aerial and 433MHz radio receiver type EL10, two 2-channel radio controls type ET03, 2 pairs of photocells type EF04/S, 2 x 500 mm low-profile posts with base and cover type EE11, 1 keyswitch type EDE4, 2 mounting plates type ZX16

Pack quantity	1
Unit weight kg	27

EKV1

KIT for single residence with two-leaf actuator and video door entry system (EKA4+65AV).

Pack quantity	1
Unit weight kg	-

EKV2

KIT for single residence with sliding gate actuator and video door entry system (EKS1+65AV).

Pack quantity	1
Unit weight kg	-

EKV5

KIT for single residence with two-leaf actuator and video door entry system (EKA4+68IG).

Pack quantity	1
Unit weight kg	-

EKV6

KIT for single residence with sliding gate actuator and video door entry system (EKS1/16+68IG).

Pack quantity	1
Unit weight kg	-

EKI8/I

KIT for 2 leaves of 1.80 m, 300 Kg, up to 3 m, 200 Kg each, with stainless steel foundation boxes and 433 MHz radio control.

The kit consists of: 2 built-in actuators type ZI27, 2 Foundation boxes in stainless steel type ZX41/I, 2 manual release devices type ZDB7, 1 control unit type EC33/13V, 1 flashing light with support, aerial and 433MHz radio receiver type EL08, two 2-channel radio controls type ET03, 2 pairs of photocells type EF04/S, 2 x 500 mm low-profile posts type EE11, 1 keyswitch type EDE4, 15 m actuator connection cable type ZX67/15.

Pack quantity	1
Unit weight kg	-

EKB4/2

KIT for swing gates with a maximum surface area of 10 m² maximum width of 3.8 m, 200 Kg, with 433 MHz radio control.

The kit consists of: 1 actuator + fixing kit type EB10, 1 kit of straight arms for control unit assembly type ZX14/2, -1 aerial with support and radio receiver type EL08, two 2-channel radio controls type ET03, 1 control unit complete with box type EC32, 1x 5 m roll of cable for actuator connection cable type ZX72.

Pack quantity	1
Unit weight kg	31

EKB6

KIT for swing gates with a maximum surface area of 10 m² maximum width of 2.8 m 200 Kg, with 433 MHz radio control.

The kit consists of: 1 actuator + fixing kit type EB10, 1 kit of curved arms for control unit assembly type ZX10, 1 aerial with support and radio receiver type EL08, two 2-channel radio controls type ET03, 1 control unit complete with box type EC32, 1x 5 m roll of cable for actuator connection cable type ZX72.

Pack quantity	1
Unit weight kg	32

EKB8

KIT for swing gates with a maximum surface area of over 10 m² up to 300 Kg, with 433 MHz radio control.

The kit consists of: 2 actuators + fixing kit type EB10, 1 kit of curved arms for lateral control unit assembly type ZX15, 1 aerial with support and radio receiver type EL08, two 2-channel radio controls type ET03, 1 control unit complete with box type EC32, 1x 10 m roll of cable for actuator connection cable type ZX73.

Pack quantity	1
Unit weight kg	39

ZBR1/002

KIT with two barriers with central arm of 2 x 3.20 m. (non intensive use).

It consists of: 2 bases in painted steel with 12V D.C. electromechanical actuator, 1 electronic control unit for two motors, 1 flashing light with aerial and 433 MHz radio receiver type EL09, N. 1 flashing light with aerial type EL05, 1 pair of photocells, 2 radio controls type ET03.

Pack quantity	1
4 pcs kg	158

ZBR7/002

KIT with two barriers with central arm of 2 x 4.80 m. (non intensive use).

It consists of: 2 bases in painted steel with 12V D.C. electromechanical actuator, 1 electronic control unit for two motors, 1 flashing light with aerial and 433 MHz radio receiver type EL09, N. 1 flashing light with aerial type EL05, 1 pair of photocells, 2 radio controls type ET03.

Pack quantity	1
4 pcs kg	174



Photovoltaic kit

for 12V D.C. automatic gate systems



EKF1

35 W photovoltaic kit for automatic gate systems

The kit consists of: 1 photovoltaic module 35 W 2.2A, 1 load regulator 12 V 8A, 2 fuse holders, 1 electrical panel, 1 battery 12V 40 Ah.

Pack quantity	1
Unit weight kg	-

EKF2

50 W photovoltaic kit for automatic gate systems

The kit consists of: 1 photovoltaic module 50 W 3.15A, 1 load regulator 12 V 8A, 2 fuse holders, 1 electrical panel, 1 battery 12V 65 Ah.

Pack quantity	1
Unit weight kg	-

EKF3

75 W photovoltaic kit for automatic gate systems

The kit consists of: 1 photovoltaic module 75 W 4.5A, 1 load regulator 12 V 15A, 2 fuse holders, 1 electrical panel, 1 battery 12V 75 Ah.

Pack quantity	1
Unit weight kg	-

EKF4

100 W photovoltaic kit for automatic gate systems

The kit consists of: 1 photovoltaic module 100 W 6.3A, 1 load regulator 12 V 15A, 2 fuse holders, 1 electrical panel, 1 battery 12V 100 Ah.

Pack quantity	1
Unit weight kg	-



Accessories for photovoltaic modules

ZX47

Telescopic pole of length 2 + 2 m, diameter 45 mm, galvanized, with fixing brackets for kit type EKF1 and EKF2.

Pack quantity	1
Unit weight kg	-

ZX48

Wall-mounting support (L profile) galvanised with fixing plate, 90° adjustment.

Pack quantity	1
Unit weight kg	-

ZX49

Telescopic pole of length 2 + 2 m, diameter 60 mm, galvanized, with fixing brackets for kit type EKF3 and EKF4.

Pack quantity	1
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