





2022 Catalogue




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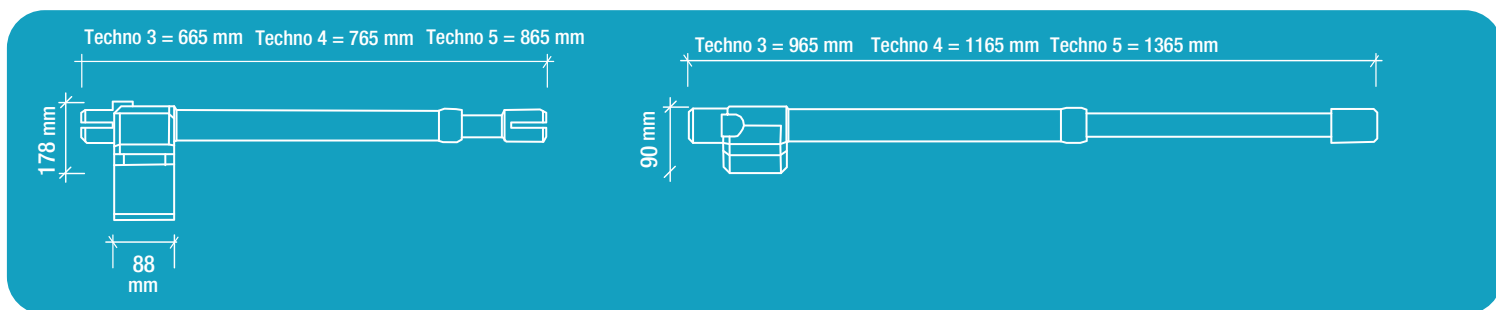
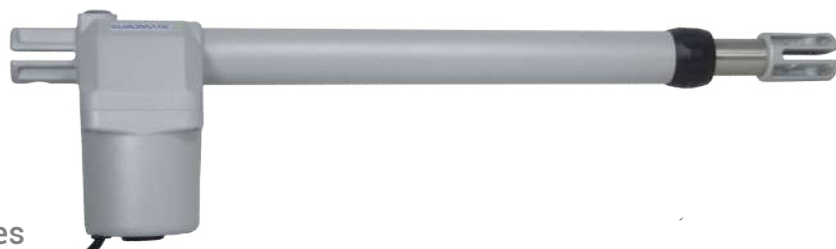




Techno

Electromechanical extending ram opener 230V and 24V for swing gates leaves up to 4m long

- Extremely quiet and sturdy gearbox, with bronze transmission gearing
- Quick installation and easy maintenance
- Aluminium shell with compact design to fit small spaces
- Suitable also for outward opening gates
- 24V version available for intensive use gates

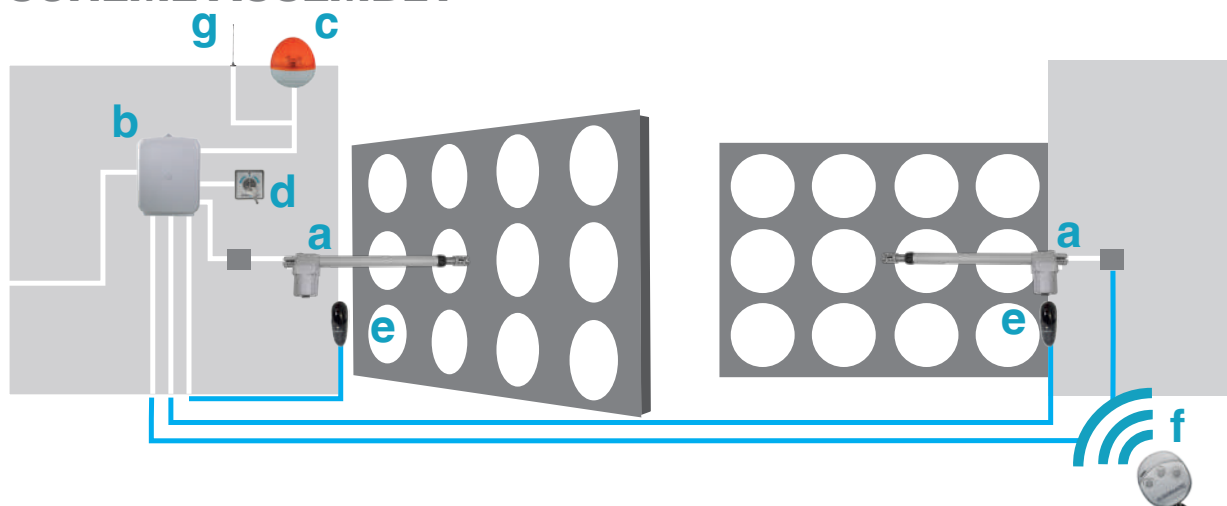


		TECHNO 3/4/5	TECHNO 3/4/5	TECHNO 3/4/5	TECHNO 4 REV
Power supply	V	24V dc	230V~50Hz	115V~60Hz	230V~50Hz
Current	A	0,5 - 0,75	1,2 - 1,7	2,0 - 2,3	1,2 - 1,7
Motor power	W	50	280	300	280
Class protection	IP	44	44	44	44
Revolutions	g/m	1600	1400	1700	900
Duty Cycle	%	80	40	40	40



Techno 3	230V	110°	350 Kg	2,00 m
Techno 4	230V	110°	350 Kg	2,80 m
Techno 5	230V	110°	250 Kg	3,50 m
Techno 3	24V	110°	275 Kg	2,00 m
Techno 4	24V	110°	250 Kg	2,50 m
Techno 5	24V	110°	150 Kg	3,00 m
Techno 4 REV	230V	110°	300 Kg	2,80 m

SCHEME ASSEMBLY



a motors
b control unit

c blinker light
d key switch

e photocells
f transmitter

g aerial (OPT)

KIT CONTENTS:



Motors



Control unit



Photocells set
RF37



Transmitters
JEDI



Blinker light
EGGY



Key-switch
ELECTRO

OPTIONAL ACCESSORIES



Keypad
D007



Aerial
ANT02



Electric lock interface
MEL03/04



YEARS OF WARRANTY



RELIABLE



SAFE

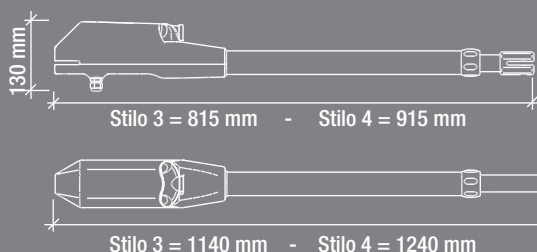


EASY TO INSTALL
EASY TO BE PROGRAMMED

Stilo

Linear extending ram opener 230V and 24V for swing gates with leaves up to 3m long

- Strictly aluminium shell and bronze transmitting gearing
- Available in self-locking or reversible version
- Suitable also for heavy gates up to 400Kg per leaf
- Quick installation and easy maintenance
- 24V version available for intensive use



		STILO 3/4	STILO 3/4	STILO 3/4	STILO S4/FM	STILO S4/FM	STILO S4/FM
Power supply	V	24V dc	230V~50Hz	115V~60Hz	230V~50Hz	230V~50Hz	230V~50Hz
Current	A	0,5 - 0,75	1,2 - 1,7	3,1 - 3,3	1,2 - 1,7	1,2 - 1,7	3,1 - 3,3
Motor power	W	50	300	300	280	300	300
Class protection	IP	44	44	44	44	44	44
Revolutions	g/m	1600	1400	1700	1600	1400	1700
Duty Cycle	%	80	40	40	80	40	40



Stilo 3 230	230V	100°	350 Kg	2,00 m
Stilo 4 230	230V	100°	400 Kg	3,00 m
Stilo 3 24	24V	100°	250 Kg	2,00 m
Stilo 4 24	24V	100°	300 Kg	3,00 m
Stilo 3 115	115V	100°	350 Kg	2,00 m
Stilo 4 115	115V	100°	400 Kg	3,00 m
Stilo 4 REV	230V	100°	350 Kg	3,00 m
Stilo S4 230	230V	100°	350 Kg	2,50 m
Stilo S4 230 FM	230V	100°	350 Kg	2,50 m
Stilo S4 24	24V	100°	200 Kg	2,50 m
Stilo S4 24 FM	24V	100°	200 Kg	2,50 m
Stilo S4 115	115V	100°	350 Kg	2,50 m
Stilo S4 115 FM	115V	100°	350 Kg	2,50 m

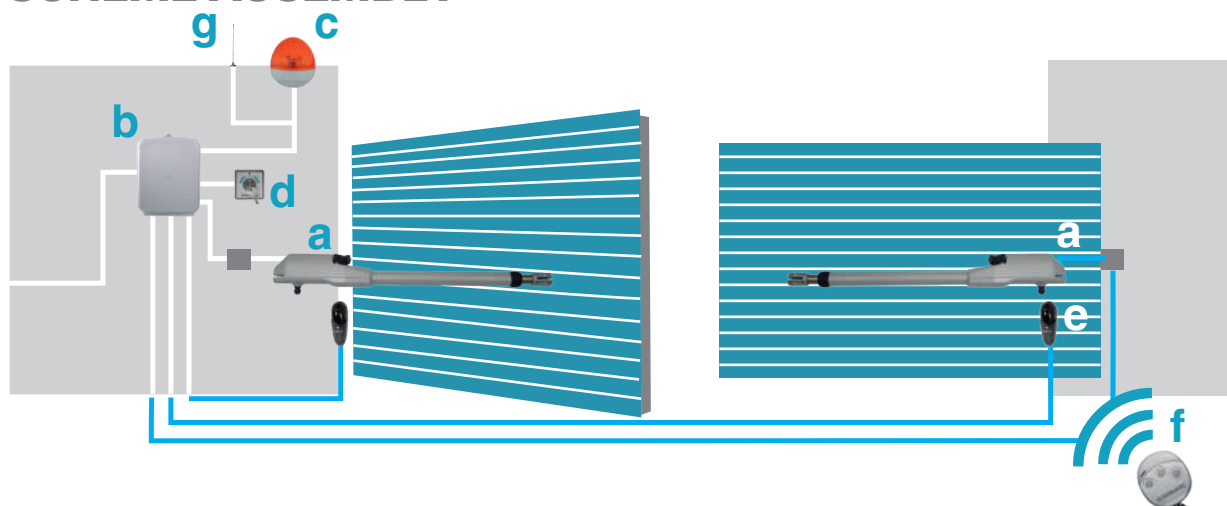
Retractable inox pipe



Eye-towed ram



SCHEME ASSEMBLY



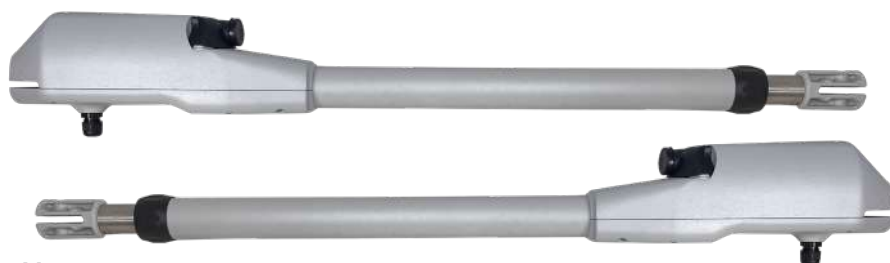
a motors
b control unit

c blinker light
d key switch

e photocells
f transmitter

g aerial (OPT)

KIT CONTENTS:



Motors



Control unit



Photocells set
RF37



Transmitters
JEDI



Blinker light
EGGY



Key-switch
ELECTRO



YEARS OF WARRANTY



RELIABLE



SAFE



EASY TO INSTALL
EASY TO BE
PROGRAMMED

OPTIONAL ACCESSORIES



Keypad
D007



Aerial
ANT02

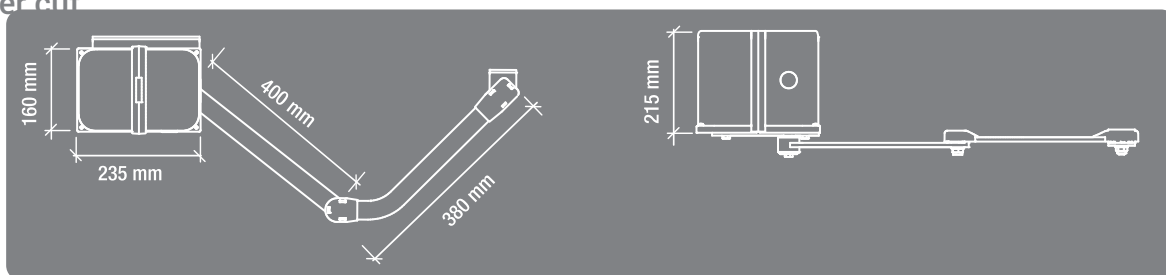


Electric lock interface
MEL03/04



Electromechanical operator with articulated arm for swing gates up to 2m.

- A powerful noiseless electromechanical operator suitable for large pillars, inwards or outwards openings, wide angle openings.
- It can be used anytime a traditional operator meets a limitation.
- This operator owns an embedded control board and an adjustable electric limit-switch in order to safely adjust its cycles and meet most of the needs in terms of length and weights.
- This electromechanical operator can be supplied in 230V and 24V.
- The 24V version is suitable for an intensive use and it can be equipped with a backup battery in case of power cut

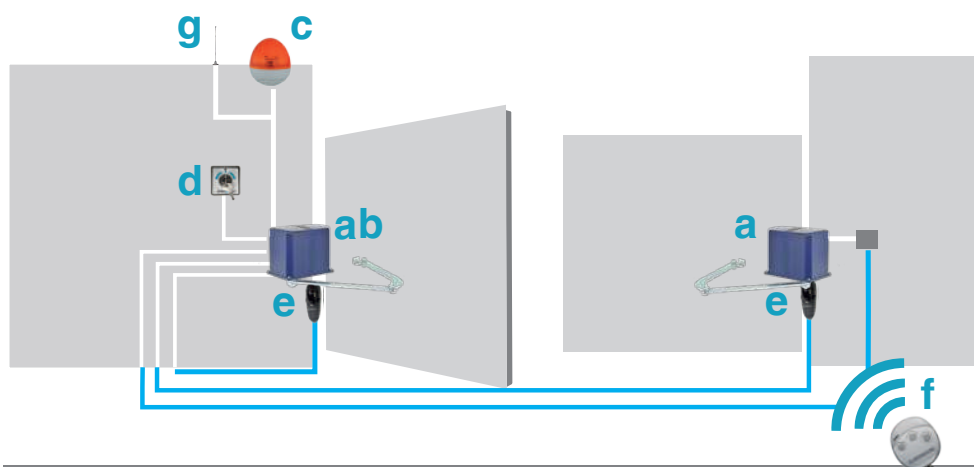


ENERGY				
Power supply	V	24V dc	230V~50Hz	115V~60Hz
Current	A	0,5 - 0,75	1,2 - 1,7	2,0- 2,3
Motor Power	W	50	300	300
Class Protection IP	IP	44	44	44
Revolutions (speed)	g/m	1600	1400	1700
Duty Cycle	%	80	40	40



Energy	230V	130°	250 Kg	2,00 m
Energy 24	24V	130°	200 Kg	2,00 m

SCHEME ASSEMBLY



a motors
b control unit

c blinker light
d key switch

e photocells
f transmitter

g aerial (OPT)

KIT CONTENTS:



Photocells set
RF37



Transmitters
JEDI



Blinker light
EGGY



Key-switch
ELECTRO

OPTIONAL ACCESSORIES



Keypad
D007



Aerial
ANT02



Electric lock interface
MEL03/04



YEARS OF WARRANTY



RELIABLE



SAFE

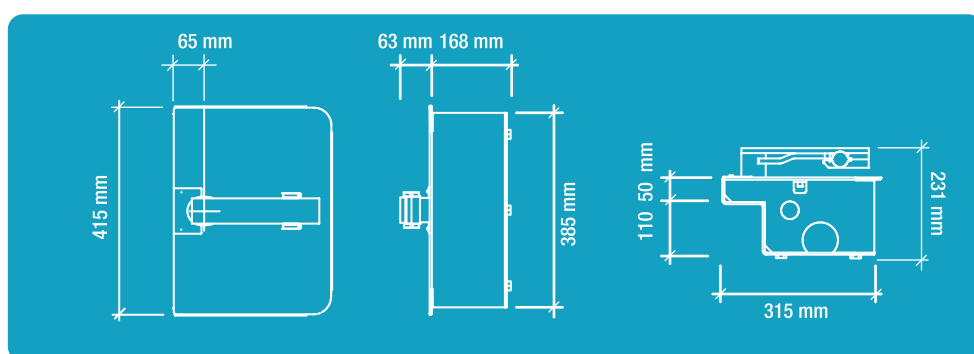


EASY TO INSTALL
EASY TO BE
PROGRAMMED

Hide

Electromechanical underground operator for swing gates up to 3m

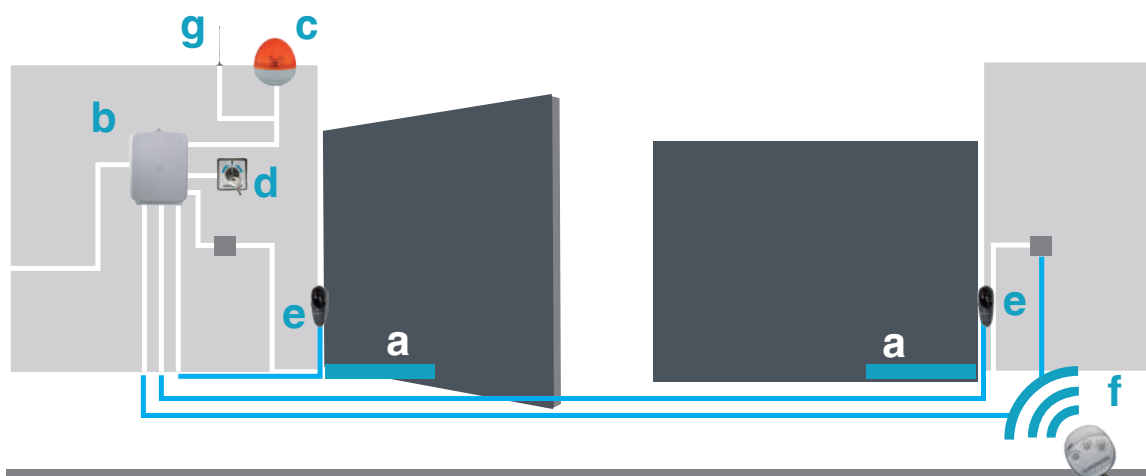
- A strong gearing system made out of bronze and a noiseless powerful waterproof gear motor made fully of aluminium.
- This operator is the most discrete way to automate a gate.
- It owns built-in adjustable mechanical limit switches in opening and closing position.
- It allows an opening angle up to 110° (standard) or 180° (adapter needed).
- It can be supplied in 230V and 24V.
- The 24V version is suitable for an intensive use and it can be equipped with a backup battery in case of power cut.



Hide 230	230V	110°*	350 Kg	3,00 m
Hide 24	24V	110°*	200 Kg	2,50 m

HIDE			
Power supply	V	24V dc	230V~50Hz
Current	A	0,5 - 7,5	1,2 - 2
Motor Power	W	50	300
Class Protection IP	IP	66	66
Revolutions (speed)	g/m	1600	1400
Duty Cycle	%	90	50

SCHEME ASSEMBLY



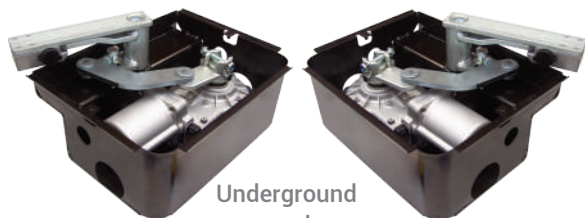
a motors
b control unit

c blinker light
d key switch

e photocells
f transmitter

g aerial (OPT)

KIT CONTENTS:



Underground
gear motors



Control unit



Photocells set
RF37



Transmitters
JEDI



Blinker light
EGGY



Key-switch
ELECTRO



YEARS OF WARRANTY



RELIABLE



SAFE



EASY TO INSTALL
EASY TO BE
PROGRAMMED

OPTIONAL ACCESSORIES



Keypad
D007



Aerial
ANT02



Electric lock interface
MEL03/04



Foundation box
stainless steel
H002



180° Opening system
H008

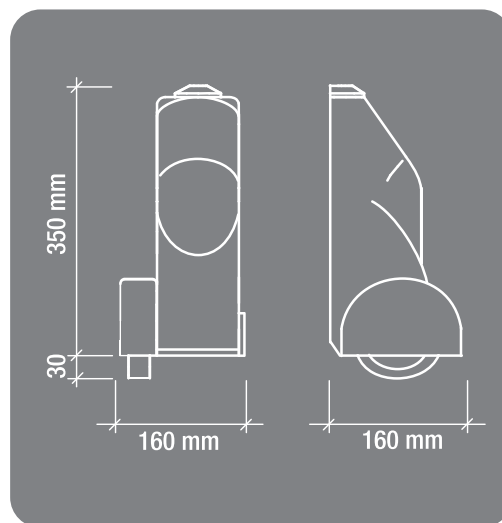
Compass

Electromechanical wheel-driven operator for swing gates.

- Unlimited opening angle and a peace-of-mind installation, regardless the pillar size.
- Perfect solution for long and light gates, inwards or outwards openings or even for interior doors.
- The fix bracket design allows the motor to compensate 20 cm gap caused by inclination of the driveway.
- It requires a good condition of the ground for the wheel to run properly.
- The 24V version is suitable for an intensive use and it can be equipped with a backup battery in case of power cut.

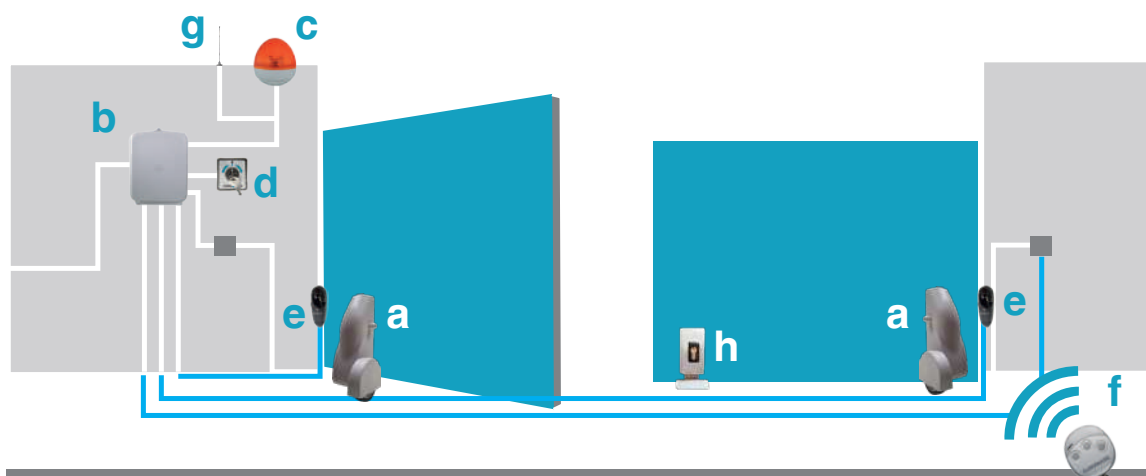


Compass 230	230V	NO LIMIT	150 Kg	2,00 m
Compass 24	24V	NO LIMIT	150 Kg	2,00 m
Compass REV	230V	NO LIMIT	150 Kg	2,00 m



		COMPASS			COMPASS REV
Power supply	V	24V dc	230V~50Hz	115V~60Hz	230V~50Hz
Current	A	0,5 - 0,75	1,2 - 1,7	2,0- 2,3	1,2 - 1,7
Motor Power	W	50	280	300	250
Class Protection IP	IP	44	44	44	44
Revolutions (speed)	g/m	1600	1400	1700	900
Duty Cycle	%	80	40	40	40
Max rise/fall	mm	200	200	200	200
Max inclination	deg°	12	12	12	12

SCHEME ASSEMBLY



a motors
b control unit

c blinker light
d key switch

e photocells
f transmitter

g aerial (OPT)

KIT CONTENTS:



Control unit



Photocells set
RF37



Transmitters
JEDI



Motors



Electric-lock
RT17



Blinker light
EGGY



Key-switch
ELECTRO



3 YEARS OF WARRANTY



RELIABLE



SAFE



EASY TO INSTALL
EASY TO BE
PROGRAMMED

OPTIONAL ACCESSORIES



Keypad
D007



Aerial
ANT02



Electric lock interface
MEL03/04





Closer

Electromechanical gearmotor 230V and 24V for rack-driven sliding gates up to 1500 Kg

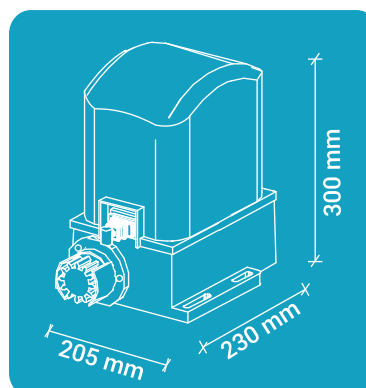


- Reduced dimensions for easy mounting even with limited space for installation
- Available with electromechanical or magnetic limit switch system (MAG versions)
- Ground fixing plate adjustable in height for accurate and simply installation
- Suitable for domestic or multi-users gates
- 24V version for automatic opening even in case of power failure

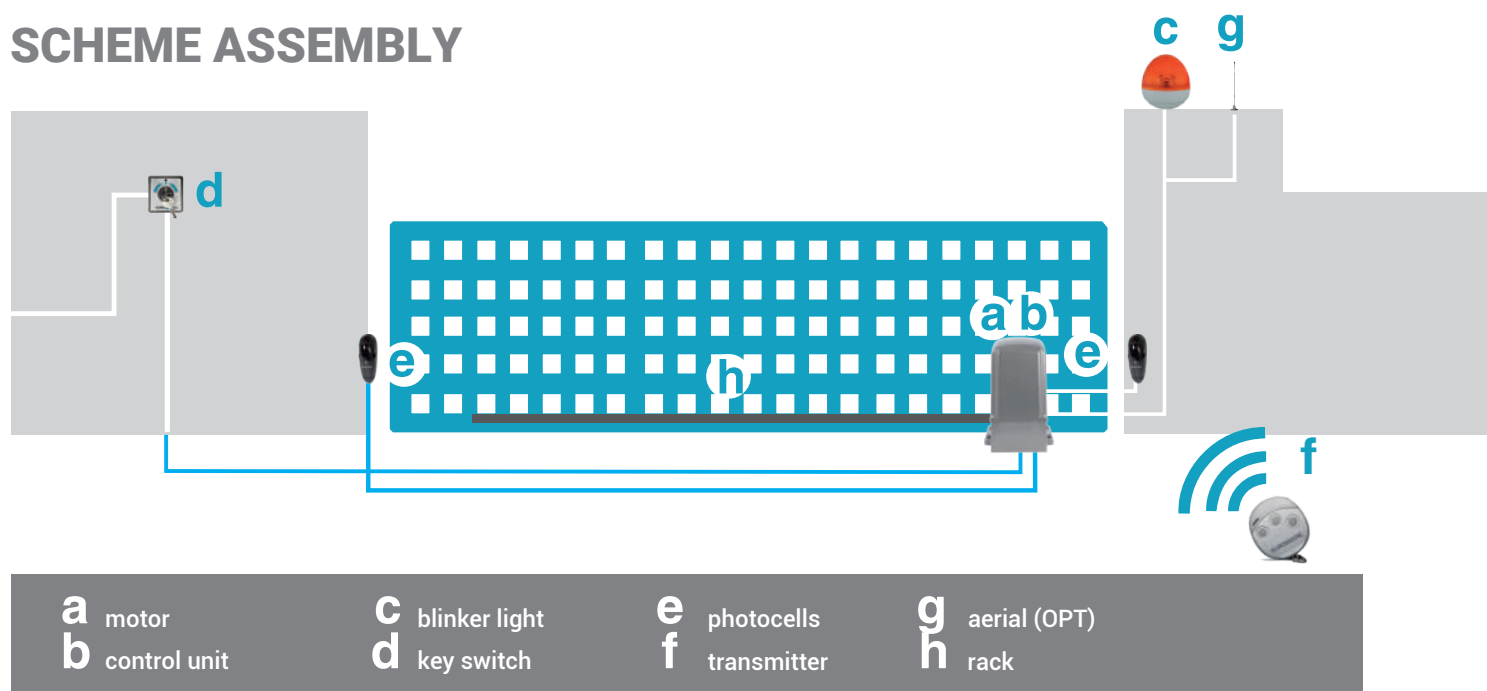
		CLOSER 6	CLOSER 5	CLOSER 8	CLOSER 15	CLOSER 5	CLOSER 8	CLOSER 15
Power supply	V	24V dc	230V~50Hz	230V~50Hz	230V~50Hz	115V~60Hz	115V~60Hz	115V~60Hz
Current	A	0,7 - 10	1,2 - 1,7	1,2 - 2,0	3,0	2,0 - 3,2	2,8 - 3,2	6,4 - 6,6
Motor power	W	80	250	300	600	280	330	600
Class protection	IP	44	44	44	44	44	44	44
Revolutions	g/m	1600	1400	1400	1400	1700	1700	1700
Duty Cycle	%	80	40	40	40	40	40	40



Closer 6	24V	5-9 m/min	650 Kg
Closer 5	230V	8,5 m/min	500 Kg
Closer 5 115	115V	11 m/min	500 Kg
Closer 8	230V	8,5 m/min	800 Kg
Closer 8 115	115V	11 m/min	800 Kg
Closer 15	230V	8,5 m/min	1500 Kg
Closer 15 115	115V	11 m/min	1500 Kg
Closer 5 MAG	230V	8,5 m/min	500 Kg
Closer 8 MAG	230V	8,5 m/min	800 Kg
Closer 15 MAG	230V	8,5 m/min	1500 Kg



SCHEME ASSEMBLY



KIT CONTENTS:



Gear motor with control unit and built-in radio receiver



Photocells set
RF37



Transmitters
JEDI



PVC rack
B120-4m



Blinker light
EGGY



Key switch
ELECTRO



YEARS OF WARRANTY



RELIABLE



SAFE



EASY TO INSTALL
EASY TO BE PROGRAMMED

OPTIONAL ACCESSORIES:



Keypad
D007



Aerial
ANT02



Safety edge
RC23



Steel rack
B102







Lift up

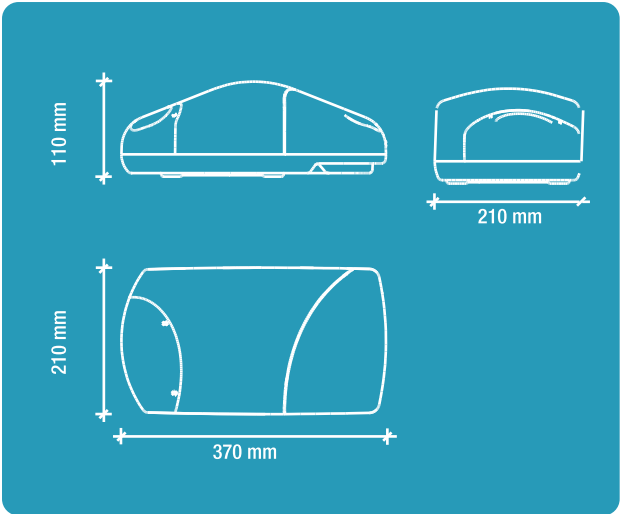
Garage door opener for sectional and spring-balanced doors up to 12 m²

- A LCD display, a LED courtesy light, an automatic closing feature with encoder system, pre-assembled chain-driven rail included are its main characteristics.
- It is available in light and heavy use version, it is the right solu-tion in case of small and medium sized doors.
- It also suits to overhead balanced garage doors by using the optional adapting bracket.



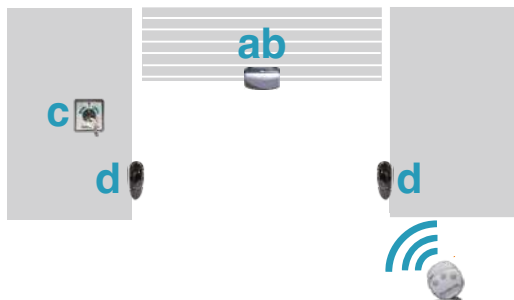
Lift up	24V	170 Kg	8 m ²
Lift up Plus	24V	170 Kg	12 m ²

		LIFT UP	LIFT UP PLUS
Power supply	V	24Vdc	24Vdc
Current	A	4	4
Motor power	W	100	150
Class protection	IP	40	40
Pulling thrust	N	700	1100
Opening time	s	17"	17"
Max door height	m	2,4	2,7
Rail	m	3	3,3
Duty Cycle	%	80	80

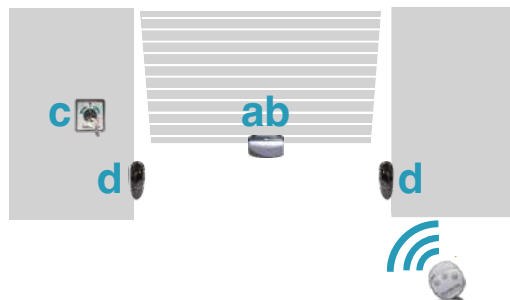


SCHEME ASSEMBLY

SECTIONAL GARAGE DOOR



SPRING BALANCED GARAGE DOOR



a motor
b control unit

c key switch
d photocells

e transmitter

OPTIONAL ACCESSORIES



Photocells set
RF37



Emergency release kit
MLIR07



Safety edge
RC22



Adapter arm
PARC02



Blinker light
EGGY



YEARS OF WARRANTY



RELIABLE



SAFE



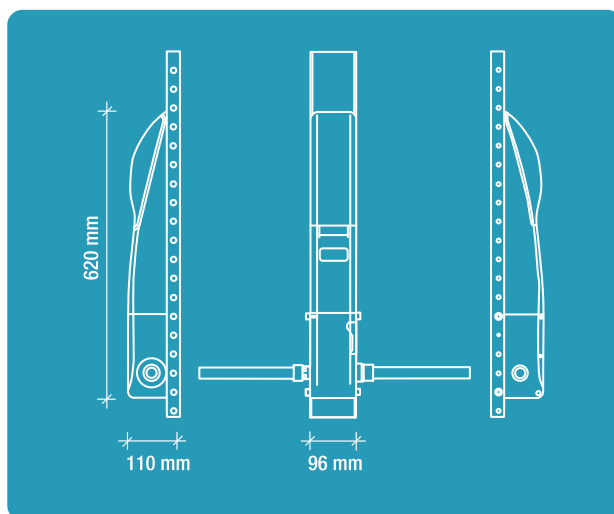
EASY TO INSTALL
EASY TO BE
PROGRAMMED



Swing

230V electromechanical opener for counterweighted and spring-balanced overhead garage doors up to 8 m².

- An irreversible gear motor with adjustable electromechanical limit switches, available with embedded control unit and built-in radio receiver, obstacle detection function, courtesy light and a handle for emergency manual release.
- The fixing bar (1.2 m) is included.



Swing

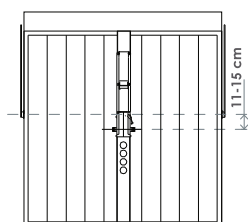
24V



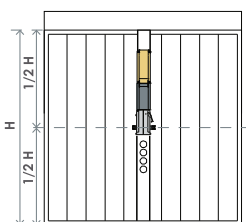
8 m²

SWING		
Power supply	V	230V~50Hz
Current	A	1
Motor power	W	300
Class Protection	IP	54
Opening time	s	18"
Duty Cycle	%	50

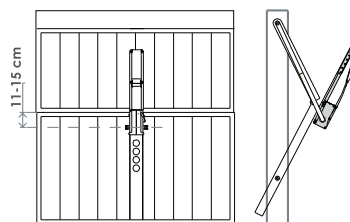
Track-less 1-piece door



Track operated door



Folding door



OPTIONAL ACCESSORIES



Photocells set
RF37



Emergency release kit
for external opening
B001



Safety edge
RC22



Brackets set for
central fixing
B002



Blinker light
EGGY



Brackets set for
side fixing
B003



Curved arms kit
for central
mounting
B004



Radio transmitters
JEDI



YEARS OF WARRANTY



RELIABLE



SAFE



EASY TO INSTALL
EASY TO BE
PROGRAMMED







Universal

Rolling shutter automation for industrial and residential use

- This 230V motor is available in a double motor with electro-brake, single motor with electro-brake or simply reversible without brake.
- Where needed the release system is included.
- The built-in limit switches easily allow setting the closing and opening positions.
- This item is a positive solution to automate new and old shutters, the double motor version suits for large size shutters (up to 360 Kg).



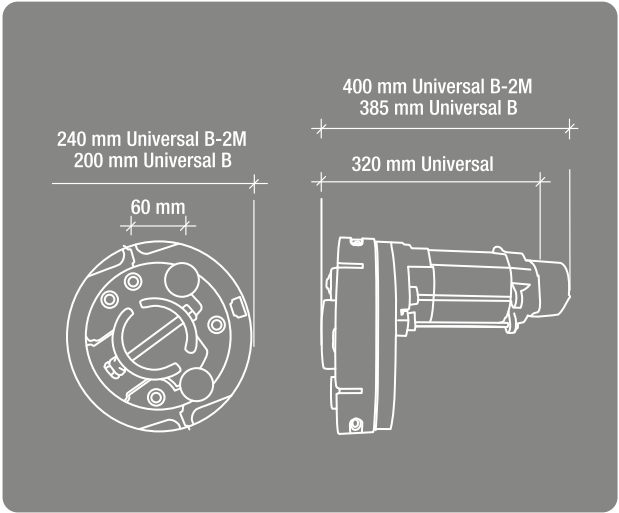
UNIVERSAL



UNIVERSAL B/2M



UNIVERSAL B

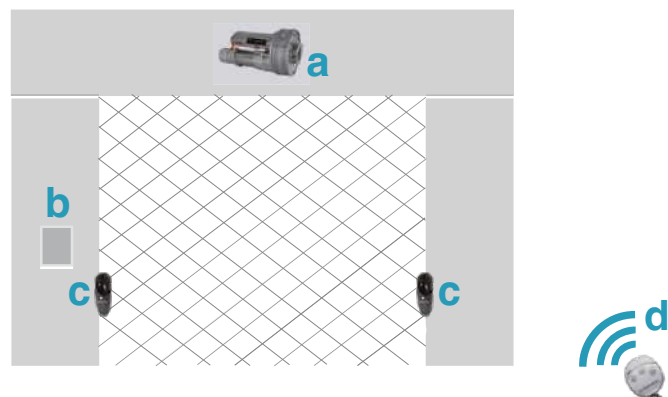


		UNIVERSAL	UNIVERSAL B	UNIVERSAL 2M
Power supply	V	230V~50/60Hz	230V~50/60Hz	230V~50/60Hz
Current	A	2,7	2,7	5,5
Motor power	W	600	600	1260
Thrust	Nm	178	178	443
Pulley speed	rpm	10	10	8
Max Load	Kg	170	170	360
Max stroke	m	6	6	6
Drive-shaft diameter	mm	60/48	60/48	76
Spring-holder pulley	mm	200/220	200/220	240
Duty cycle	%	30	30	30



Universal	230V	170 Kg
Universal B	230V	170 Kg
Universal 2M	230V	360 Kg

SCHEME ASSEMBLY



a motor
b control unit

c photocells
d transmitter

OPTIONAL ACCESSORIES



Photocells set
RF37



Transmitters
JEDI



Control unit
Q45



Key-switch
ELECTRO



Safe box
S004



YEARS OF WARRANTY



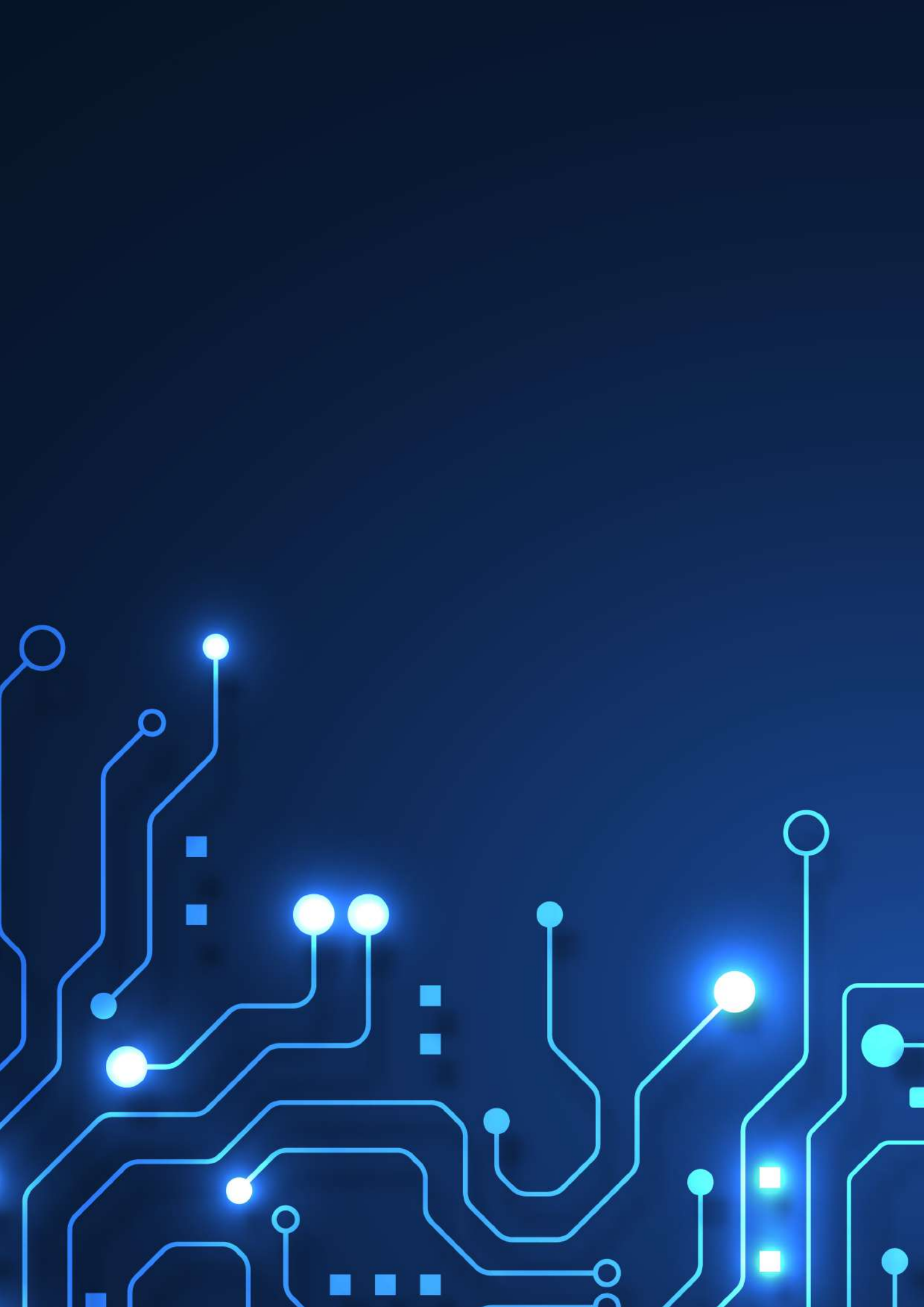
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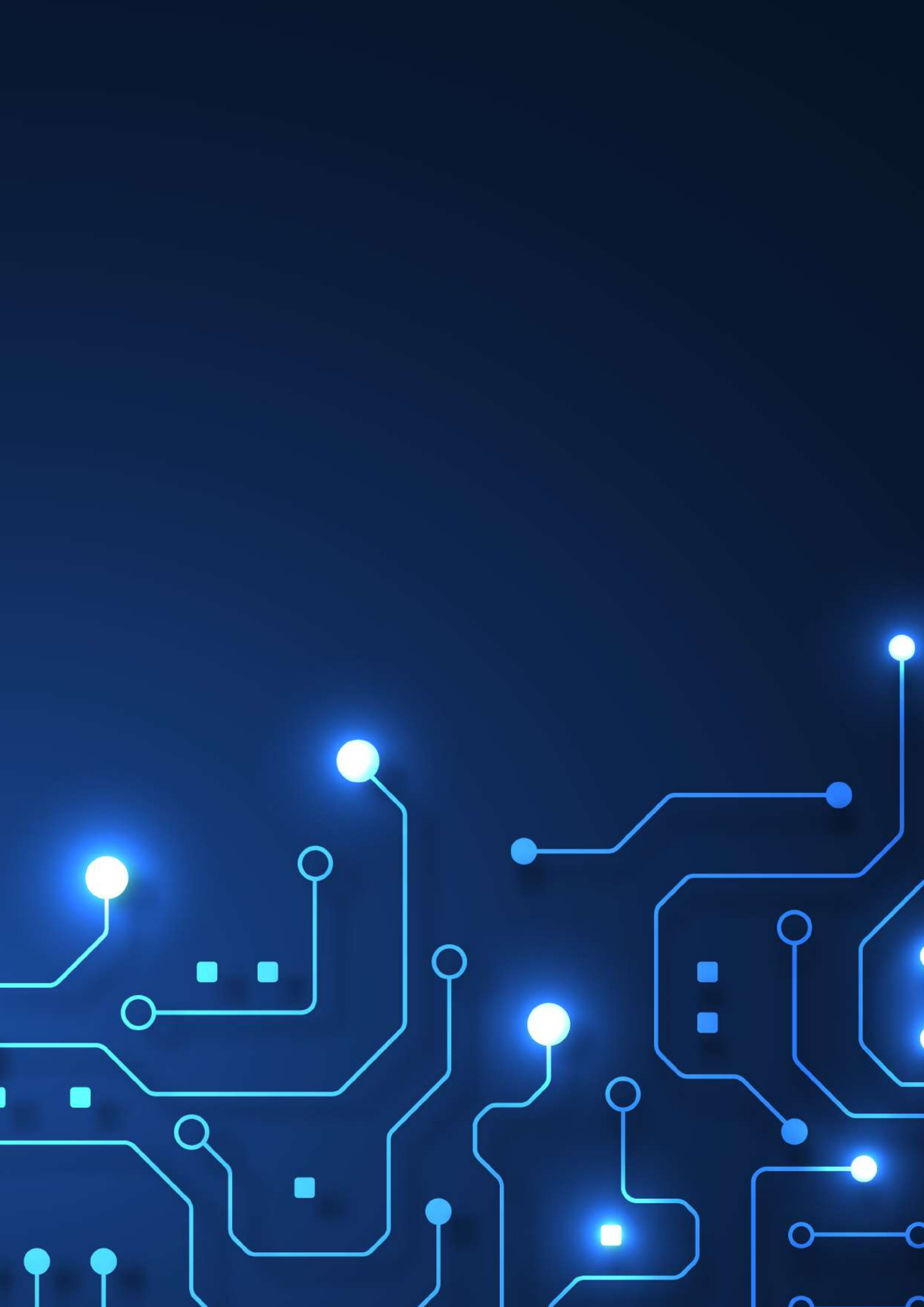


SAFE



EASY TO INSTALL
EASY TO BE
PROGRAMMED







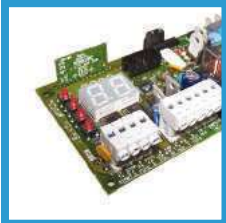
Selection guide

Swing gates control units

	Q81A	IDEA B	Q20A	Q81S	IDEA A	Q20S	Q45
Control board power	230V 115V	230V	230V 115V	230V 115V	230V	230V 115V	230V
Motor power	230V 115V	230V	24V	230V 115V	230V	24V	230V
Programming screen/fault diagnosis		●	●		●	●	
Obstacle detection (EN 12453)	●		●	●		●	
Simplified self-programming mode	●		●	●		●	
Sequential programming mode	●	●	●	●	●	●	●
Automatic closing	●	●	●	●	●	●	●
Step by step mode	●	●	●	●	●	●	●
Multi-occupation feature	●	●	●	●	●	●	
Pedestrian opening	●	●	●	●	●	●	
Adjustable deceleration time	●	●	●	●	●	●	
Adjustable delay time	●	●	●				
Reversing stroke/Lock pulse	●	●	●				
Separate OPEN/CLOSE push buttons			●			●	
Maintenance service			●			●	
Dead man				●		●	●
Working cycles counter			●			●	
BUILT-IN radio receiver 433,92 MHZ							●
PLUG-IN radio receiver 433,92 MHZ	●		●	●		●	
PRE-WIRED radio receiver 433,92 MHZ		●			●		
Input resistive safety edge 8K2	●		●	●		●	
Electric-lock interface 12V C/DC OPTIONAL	●	●					
Output electric-lock 12Vac/dc			●				
Output AUX/2° radio channel							
2° radio channel interface - OPTIONAL -	●		●	●		●	
Battery powered			●			●	



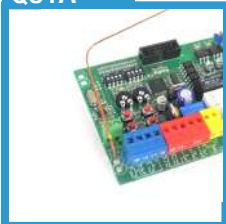
IDEA B



MEL01



Q81A



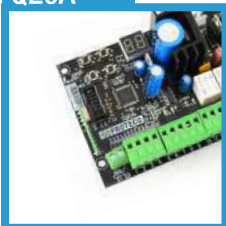
MEL04



MRX01



Q20A



230V control board for single or double swing gates

- LED display screen for programming and fault diagnosis
- Separate sequential settings for each function
- Electronic settings of force, working and deceleration times for each motor
- Adjustable delay time feature
- Three different closing modes: automatic, semi-automatic, step by step
- Pedestrian opening
- Multi-occupation function
- Single leaf gate mode
- Photocell and motor test
- Optional card module interface for electric-lock, “reversing stroke” and “lock pulse” functions
- Plug- in terminals
- Input for a timer
- Plug-in radio receiver 433.92MHz

Card module interface for electric-lock (12V, 15W)

230V control board for single or double swing gates

- Obstacle detection function (EN 12453) with adjustable threshold
- Simplified self-learning programming mode
- Advanced sequential programming for working and deceleration times
- Trimmers setting of force and obstacle detection sensitivity
- Self-diagnosis with LED signaling of faults
- Adjustable delay time feature
- Single leaf gate mode
- Pedestrian opening
- Multi-occupation function
- Automatic or step by step closing mode
- Quick closing “follow me” feature
- Photocell and motor test
- Can command a timer
- Optional card module interface for electric-lock, “reversing stroke” and “lock pulse” functions
- Optional card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light
- Plug- in terminals
- Input for 8K2 resistive safety strip
- Plug-in radio receiver 433.92MHz

Card module interface for electric-lock (12V, 15W)

AUX card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light

24V control board for single or double swing gates

- Simplified self-learning programming mode
- Advanced sequential settings for each function
- Separate electronic settings of working times and deceleration for each motor
- Adjustable delay time feature
- Single leaf gate mode
- Pedestrian opening
- Multi-occupation function
- Three different closing modes: automatic, semi-automatic, step by step
- Quick closing “follow me” feature
- Photocell and motor test
- Working cycles counter
- Maintenance interval function
- Separate OPEN/CLOSE push buttons function
- Can command a timer
- Built-in charger
- Possibilità di collegamento timer
- Optional card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light
- Plug- in terminals
- Input for 8K2 resistive safety strip
- Output for electric-lock 12Vac/dc
- Plug-in radio receiver 433.92MHz



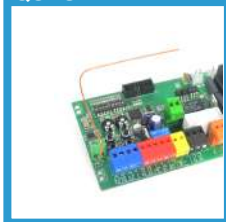
IDEA A



230V control board for sliding gates

- LED display screen for programming and fault diagnosis
- Separate sequential settings for each function
- Electronic settings of force, working and deceleration times
- Pedestrian opening
- Three different closing modes: automatic, semi-automatic, step by step
- Multi-occupation function
- Photocell and motor test
- TPlug- in terminals
- Input for a timer
- Plug-in radio receiver 433.92MHz

Q81S



230V control board for sliding gates

- Obstacle detection function (EN 12453) with adjustable threshold
- Simplified self-learning programming mode
- Advanced sequential programming for working and deceleration times
- Trimmers setting of force and obstacle detection sensitivity
- Self-diagnosis with LED signaling of faults
- Pedestrian opening
- Multi-occupation function
- Automatic or step by step closing mode
- Quick closing "follow me" feature
- Dead man function
- Photocell and motor test
- Can command a timer
- Optional card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light
- Plug- in terminals
- Input for 8K2 resistive safety strip
- Plug-in radio receiver 433.92MHz

MRX01



AUX card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light

Q20S



24V control board for sliding gates

- LED display screen for programming and fault diagnosis
- Obstacle detection function (EN 12453) with adjustable threshold
- Simplified self-learning programming mode
- Advanced sequential settings for each function
- Separate electronic settings of working and deceleration times for each motor
- Optional card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light
- Multi-occupation function
- Three different closing modes: automatic, semi-automatic, step by step
- Quick closing "follow me" feature
- Photocell and motor test
- Working cycles counter
- Maintenance interval function
- Separate OPEN/CLOSE push buttons function
- Dead man function
- Can command a timer
- Built-in charger
- Pedestrian opening
- Plug- in terminals
- Input for 8K2 resistive safety strip
- Plug-in radio receiver 433.92MHz

MRX02



AUX card module interface to command a 2° radio channel, or to control the gate status, or to fit a courtesy light



Q45



230V control board for rolling shutters

- Sequential programming mode of working times
- Adjustable automatic closing or step by step closing
- Can command a timer
- Delayed opening function in case of multiple automated shutters
- Dead man feature
- Flashing light output
- Photocells and safety strips output
- Plug- in terminals
- Embedded radio receiver 433.92MHz



Radio Systems

READY



433.92MHz universal receiver card 12/24V, complete with case for pillar/wall mounting and soft aerial. Available in one-channel (9 radio codes) or 4-channel version (60 radio codes).

Aerials

ANT02



Radio antenna for outdoor installation 433.92MHz, complete with fixing bracket and coaxial cable (3.5m). It helps increasing the radio range especially where installation shows special difficulties for the reception of radio controls.

Radio controls

JEDI



433.92MHz 3-channel remote control with variable radio code. Transmitter to transmitter self-learning function.

PILOT



433.92MHz 4-channel remote control. Fixed radio code programmable by dip-switches



Photocells

RF37



Infrared safety photocells 12-24Vac/dc set for wall or pillar mounting.
Iron post also available for stand-alone installation.

RF13



Iron post for ECHOS photocells mounting, 55 cm high

RF33



Wireless infrared photocells set 12/24V, transmitting photocell wired or battery-powered, safety edge connection and 90° angle adjustment.
Batteries included.

Sensitive edges

RC23



Electromechanical sensitive edge for SWING and SLIDING gates.
2-wire failsafe cable with 8K2 Ohm resistance and additional safety micro-switch.
Aluminum frame and 60mm high rubber profile.
Complete with sensor and 2m cable

RC22



Electromechanical sensitive edge for GARAGE DOORS and ROAD BARRIERS.
Aluminum frame and 25mm high rubber profile.
Complete with sensor and 2.5m cable.



Flashing Lights

EGGY



24V flashing light (2 lamps 10W)

Magnetic Loop Detectors

RG01



Magnetic loop detector.
1 channel.
1 presence relay + 1 pulse relay.
Adjustable sensitivity at 4 different levels.
Power supply 13-30 Vac/dc.

RG02



Magnetic loop detector.
2 channels.
1 presence relay + 1 pulse relay.
Adjustable sensitivity at 4 different levels.
Power supply 13-30 Vac/dc.



Keypads

D005



Burglarproof keypad with stainless steel case.
60 codes memory, 1A and 5A output relay.
12-24Vac/dc power supply.

D006



Backlighting keypad with plastic waterproof case.
60 codes memory, 1A and 5A output relay.
12-24Vac/dc power supply.

D007



Multifunction wireless keypad 433MHz, with night light
and acoustic buzzer. IP65 protection class

Electric-locks

RT16



12V electric lock for single swing gates.
Suitable for horizontal mounting on left or right-hand
applications

E02



12V vertical electric lock for double swing gate.
Complete with ground keep-plate.



1. PREAMBLE:

1.1 The present General Conditions of Sale, having as subject all kind of products supplied by Proteco S.r.l., shall regulate all present and future contracts of sale between Proteco S.r.l. and Purchaser provided that Purchaser has its registered office outside Italy. Any modification or deviation from the present general conditions of sale shall be made in writing.

2. ORDERS:

2.1 The purchase orders collected by Proteco S.r.l. or by his agents and/or commercial intermediaries became binding only at the moment when the Purchaser receives the written order confirmation of Proteco S.r.l.

2.2 The forwarding of an order by the Purchaser as well as his acceptance of an offer, however effected, shall involve his adhesion to the present General Conditions of Sale.

3. CONFORMITY OF THE PRODUCTS :

3.1 Proteco S.r.l. represents that the products are in compliance with E.C. Directives, Regulations and Italian technical rules applicable to the products including those regarding safety and pollution.

Proteco S.r.l. does not guarantee the compliance of the products with the laws and technical rules in force in the Purchaser's country.

3.2 Any other data or parameter indicated in Proteco's advertising, commercial documents or other Proteco's documents of sale or deducible from the samples delivered by the Proteco S.r.l. will constitute only an approximate guide and they do not represent, in any case, a parameter for an evaluation of the compliance of the products.

4. PRICES AND PAYMENT:

4.1 The prices are those indicated in the Proteco's price list as in force from time to time.

They are expressed in Euro and they are intended exclusive from any national and foreign taxes and duties.

Any special characteristics, options, modifications required by the Purchaser shall be charged separately and added to the price list.

4.2 Unless differently agreed payments shall be made by means of bank transfer in advance, before delivery date, into the bank account indicated by the Proteco S.r.l. or by means of an irrevocable letter of credit to be confirmed by an Italian leading bank, cashable at sight against shipping documents, according to the text and characteristics required by the Proteco S.r.l..

4.3 In case of late payment Proteco S.r.l. may, after having notified the Purchaser in writing, suspend his performance of the contract until he receives payment or adequate banking guarantees covering the whole outstanding debt.

5. RESERVATION OF TITLE:

5.1 The Products shall remain the property of Proteco S.r.l. until paid for in full.

6. DELIVERY:

6.1 Unless differently agreed the delivery of the products shall be made FCA Proteco warehouse in accordance with International Chamber of Commerce Incoterms Revision 2010 which shall be deemed incorporated by reference into these General Conditions of Sale.

6.2 In case it is agreed that the shipment (or part of it) will be effected by Proteco S.r.l., this latter shall act as agent of the Purchaser being agreed that the shipment shall be done at the whole risk and charge of the Purchaser. Partial deliveries are allowed.

6.3 The delivery date shall be indicated under the Proteco's order confirmation.

In any case, Proteco S.r.l. is entitled a period of grace of 30 working days as the expiry of the delivery date provided for in the order confirmation.

Expired the aforesaid term of grace the Proteco S.r.l. shall pay Purchaser a lump sum of 0,2% of the price of the Products delayed for each full week of delay as compensation for the damages caused by the delay up to the maximum limit of 2% of the price of the products subject of delayed delivery.

Any further compensation for damages suffered by the Purchaser in consequence of the delayed delivery is excluded.

7. GUARANTEE:

7.1 Subject to conditions hereinafter set out, Proteco S.r.l. shall remedy any defect of the products resulting from faulty design, materials or workmanship. The present undertaking is limited to those defects which appear within a period of 36 months for the mechanical components or 24 months for the electronic components from the date of production printed on each product.

All the guarantees provided for hereinafter are conditional on compliance with the operating and maintenance instructions supplied by Proteco S.r.l..

The Purchaser shall notify in writing, by means of registered mail, of any defect within 10 working days from its discovery.

Lacking this the purchaser will lose its right to have the defect remedied according to this guarantee.

Upon receipt of such notice, the obligation of Proteco S.r.l. under this guarantee is limited to, at Proteco's choice, and subject to prior examination of the defective products to be sent at Purchaser's risk and expenses:

i) Replace the defective products, ii) repair them or iii) issue a statement of credit for the amount corresponding to the products found defective.

Proteco S.r.l. is not liable for defects caused by faulty assembling or maintenance of the products by the Purchaser or due to non compliance to the instructions for assembling, nor for defects caused by alterations carried out without Proteco's written consent.

The present guarantee provided hereinabove absorbs and supersedes any other legal, statutory or contractual guarantee.

The Purchaser, in particular, shall have no right to claim damages, included loss of production, loss of profit, loss of use, loss of contracts or of any consequential, economic or indirect loss whatsoever, reduction of price or resolution of the contracts.

8. PRODUCT'S LIABILITY:

8.1 If Proteco S.r.l. incurs liability towards any third parties for product's liability he will be responsible only within the limit of amount and within the terms and conditions of his Product's liability insurance coverage.

9. GOVERNING LAW:

9.1 All the sale contracts concluded by parties shall be governed by the present general sale conditions and, to the extent that such questions are not covered by the present general sale conditions, by United Nations Convention on Contracts for the International Sale of Goods (Vienna Convention of 1980, hereafter referred to as «CISG»), and, to the extent that such questions are not covered by CISG, by Italian law.

10. DISPUTES RESOLUTION:

10.1 In case the Purchaser has its registered office in the territory of the European Union for any disputes arising out of or in connection with this contract the courts of Turin in Italy shall have exclusive jurisdiction; where the Purchaser has its registered office outside the territory of the European Union any disputes arising out of or in connection with this contract shall be settled by Arbitration in conformity with the Rules of the Piedmont Arbitral Chamber (see at <http://images.pie.camcom.it/f/Varie/RU/RULES2006.pdf>) by one arbitrator designed in accordance to said rules.

The parties undertake to comply with the arbitrator's award.

