



AUTOMATION FOR SLIDING GATES

RAPID SELECTION
GUIDE

16

CARDIN AUTOMATION SL



MASTER AUTOMATION 24V-230V

20

CARDIN KIT SL



MASTER AUTOMATION 24V-230V

40

RAPID GUIDE

SLIDING GATES



SL
MASTER
AUTOMATION

CARDIN AUTOMATION

- 500 kg
- 24V
- Settings icon
- Refresh icon
- Direction icon
- PRG icon
- Smiley face icon
- Antenna icon
- Security icon
- Bluetooth icon
- Wi-Fi icon

+ -
NiMH (optional SL524)

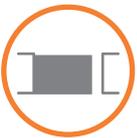


SL524

+ -
NiMH



SL524CB



SLX624
MASTER
AUTOMATION

CARDIN AUTOMATION

- 24V
- 128 PIX
- Settings icon
- 600 kg
- Refresh icon
- Direction icon
- PRG icon
- Smiley face icon
- Antenna icon
- Security icon
- Bluetooth icon
- Wi-Fi icon

M s

+ -
NiMH (optional SLX624)



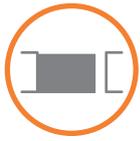
SLX624

M s

+ -
NiMH



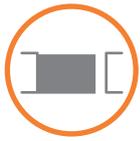
SLX624CB



SLX
MASTER
AUTOMATION

CARDIN AUTOMATION





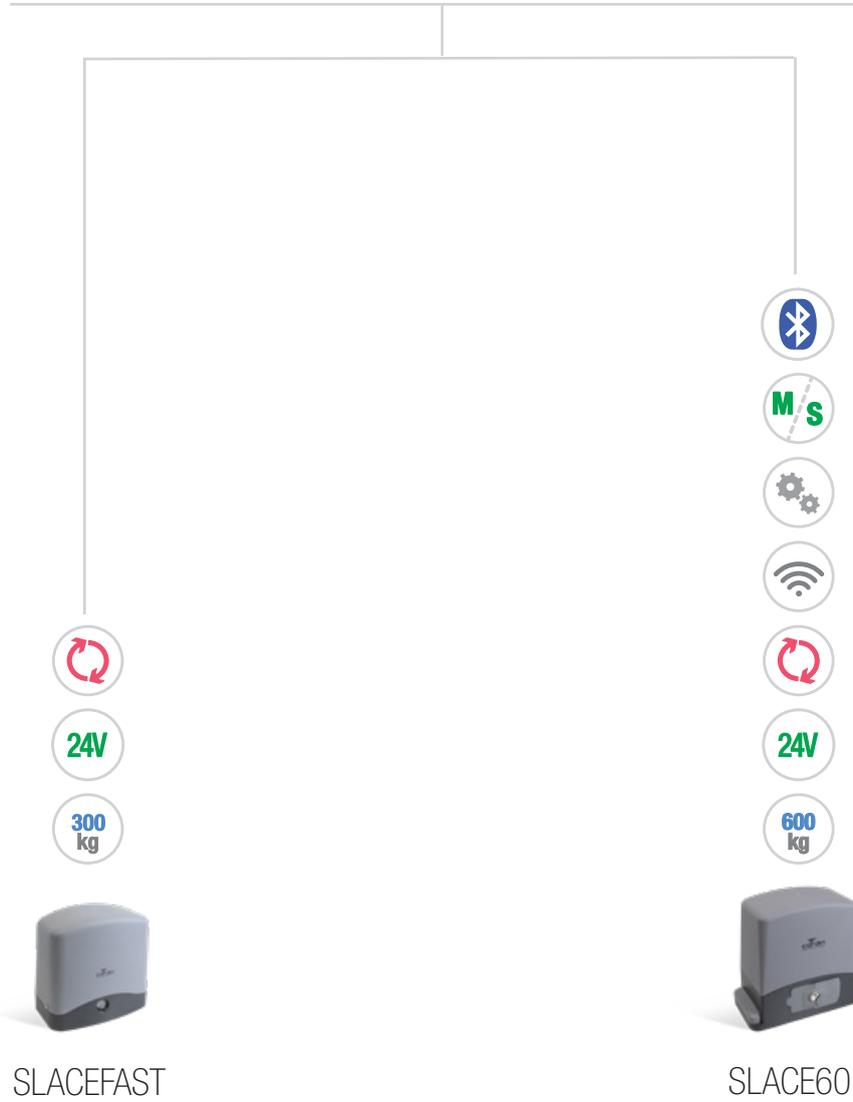
SLACE

MASTER
AUTOMATION

(optional)



CARDIN AUTOMATION



SLACEFAST

SLACE601



SLEVO

MASTER
AUTOMATION

CARDIN AUTOMATION



600
kg



SLEVO600

800
kg



SLEVO800

1200
kg



SLEVO1200



SLi

IN-BUILT SLAVE
AUTOMATION

CARDIN INSIDE



300
kg



SLi324

700
kg



SLi724

1000
kg



SLi1024



1000
kg

2000
kg



SLi24DRACO/2



SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



CARDIN AUTOMATION SERIES SL

A "complete machine" which contains all the electronic and mechanical components required to manage gate positioning and the safety functions of the installation. The system of programming has been simplified by the addition of a sequential menu, shown (in six different languages) on an LCD and activated by three buttons housed in the protective covering. SL524 is fitted with a direct current motor backed up by a finely tuned double gear kinematic system with integrated flexible coupling which reduces the stress on the motor and structure caused by the movement of gates.

Self-locking electromechanical automation system with a low voltage motor for residential sliding gates with a maximum weight of 500kg. The easily installed motors can be fitted either to the left or to the right of the passageway and can be applied to both new and already existing installations.

The use of low voltage motors increase the performance, guarantee high efficiency, long life and silent running.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure. Repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Compatible with the system INTPRG-3G/WF that allows the system parameters to be controlled and programmed remotely.

Multi-decoding:

The product range is factory fitted with a multi-decoding remote control module (system S449 - S486 - S504 - S508). By default the devices are supplied with a 433MHz RF module and the S504 / S508 series memory module inserted. To control the device with S449 transmitters, insert the ZGB24LC16-I / P memory module (supplied with the device) and consult the relevant section. For the S508 / S486 series purchase and insert the 868Mhz RF module.



Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.



See section 24V ECU INTERFACE DEVICES on page 178



MANUAL RELEASE SL524



TWO-PIECE ALUMINIUM CASING



ACCESSING THE ECU



GRAPHIC LCD DISPLAY



MEMORISING TRANSMITTERS

CARDIN AUTOMATION SERIES SL



ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of a self-locking gear motor controlled by magnetic encoder with an in-built:

- electronic programmer;
- 433MHz FM receiver;
- slot-in battery charger;
- NiMH batteries.

The electronic programmer is factory fitted with a graphic LCD display (16 digits x 2 lines) in six different languages that monitors the programming stages, counts and displays the number of manoeuvres carried out by the machine and allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, flashing warning lamp activation, indicator light and photoelectric cell function setting and transmitter code management etc.

The appliance is fitted with a safe and secure manual release system with a personalised knob (supplied with the appliance).

SL524CB



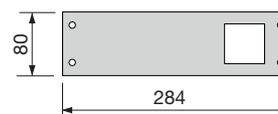
(drag speed max. **9,2** m/min)



SL524



(drag speed max. **9,2** m/min)



FASTENING BASE
SPARE PARTS NUMBER 999423



SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



CARDIN AUTOMATION SERIES SLX624

A "complete machine" which contains all the electronic and mechanical components required to manage gate positioning and the safety functions of the installation. The system of programming has been simplified by the addition of a sequential menu, shown (in six different languages) on an LCD and activated by three buttons housed in the protective covering.

SLX624 is fitted with a powerful direct current motor backed up by a finely tuned double gear kinematic system which reduces the stress on the motor and structure caused by the movement of gates.

Self-locking electromechanical automation system with a low voltage motor for residential sliding gates with a maximum weight of 600kg. The easily installed motors can be fitted either to the left or to the right of the passageway and can be applied to both new and already existing installations.

The use of low voltage motors increase the performance, guarantee high efficiency, long life and silent running.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure. Repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Compatible with the system INTPRG-3G/WF that allows the system parameters to be controlled and programmed remotely.

Multi-decoding:

The product range is factory fitted with a multi-decoding remote control module (system S449 - S486 - S504 - S508). By default the devices are supplied with a 433MHz RF module and the S504 / S508 series memory module inserted. To control the device with S449 transmitters, insert the ZGB24LC16-I / P memory module (supplied with the device) and consult the relevant section. For the S508 / S486 series purchase and insert the 868MHz RF module.



Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.



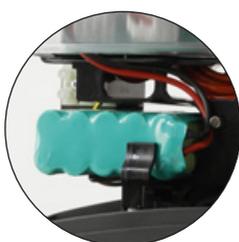
See section 24V ECU INTERFACE DEVICES on page 178



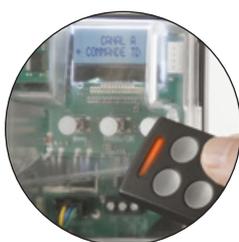
MANUAL RELEASE SYSTEM



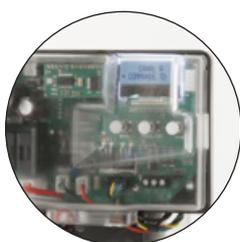
RAPID ANCHORING SYSTEM



NIMH BATTERIES AND BATTERY CHARGE



MEMORISING TRANSMITTERS



ECU PROTECTION

CARDIN AUTOMATION SERIES SLX624



ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of a self-locking gear motor controlled by magnetic encoder with an in-built:

- 433MHz FM receiver;
- slot-in battery charger (SLX624CB);
- NiMH batteries (SLX624CB).

The electronic programmer is factory fitted with a graphic LCD display (16 digits x 2 lines) in six different languages that monitors the programming stages, counts and displays the number of manoeuvres carried out by the machine and allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, flashing warning lamp activation, indicator light and photoelectric cell function setting and transmitter code management etc.

The appliance is fitted with a safe and secure key-operated manual release system protected by a plastic access door.

SLX624



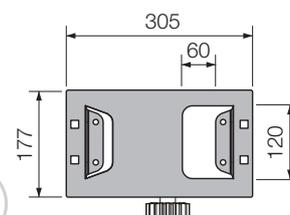
(drag speed max. 15 m/min)



SLX624CB



(drag speed max. 15 m/min)



FASTENING BASE
SPARE PARTS NUMBER 9995013

CARDIN AUTOMATION SERIES SL-SLX624



GEAR RACK

in nylon reinforced with glass fibre with a steel core for sliding gates up to 500kg.

VERSION WITH 4 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY1



GEAR RACK

in polyamide with a steel core for sliding gates up to 800kg.

VERSION WITH 6 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CREMP



VERSION WITH 6 UPPER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY



CARDIN AUTOMATION SERIES SL-SLX624



GEAR RACK

in galvanised steel for industrial installations up to 3000 kg.

VERSION TO BE SOLDERED

22mm x 22mm, M4, 2m pieces.

VERSION WITH FASTENING SLITS

30mm x 12mm, M4, 1m pieces.

SLOAC

SLOAC2



SPEED CONTROLLER

The device should be fitted to the gear rack in alignment with the motor in order to recuperate the correct sliding action of the gate in installations that are slightly inclined.

RVS



KIT BATTERY CHARGER + NIMH BATTERIES

Allows the SL524 unit to work during blackouts.

KBNIMH-1

KIT BATTERY CHARGER + NIMH BATTERIES

Allows the SLX624 unit to work during blackouts.

KBNIMH-5



DATA INTERFACE MODULE VIA CABLE

The module allows the exchange of information between the motor's electronic control unit and the Cardin 3G/WF interface and also allows you to connect two motors via cable in order to use the synchronised master/slave function.

MODCA



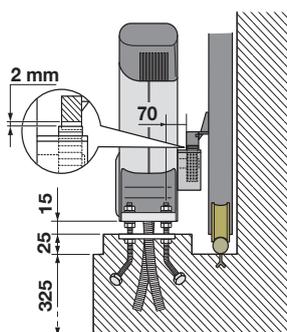
BLUETOOTH MODULE

The module allows the exchange of information between the motor's electronic control unit and the Cardin 3G/WF interface via Bluetooth or directly between the control units and the apps CRD ONE and CRD TWO.

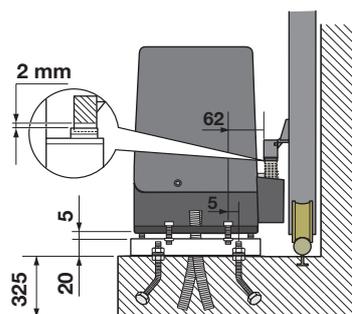
MODBT



POSITIONING THE UNIT

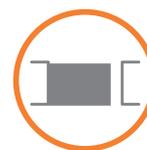


**SL524
SL524CB**



**SLX624
SLX624CB**

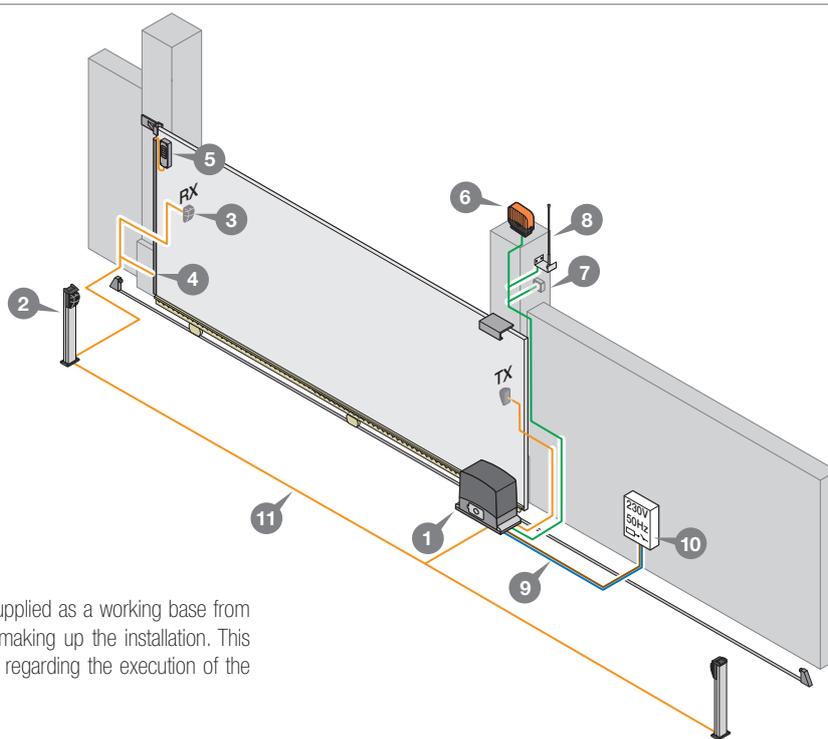
CARDIN AUTOMATION SERIES SL-SLX624



INSTALLATION EXAMPLE

LEGEND

- 1 Geared motor
- 2 Internal photocells
- 3 External photocells
- 4 Safety edge
- 5 Radioshield
- 6 Warning lights
- 7 Mechanical selector switch
- 8 External aerial
- 9 Mains cable 230Vac
- 10 All pole circuit breaker
- 11 Channelling route for low voltage wires



Attention: The drawing is purely indicative and is supplied as a working base from which to choose the Cardin electronic components making up the installation. This drawing therefore does not lay down any obligations regarding the execution of the installation.

TECHNICAL DATA

OVERALL DIMENSIONS

GENERAL CHARACTERISTICS

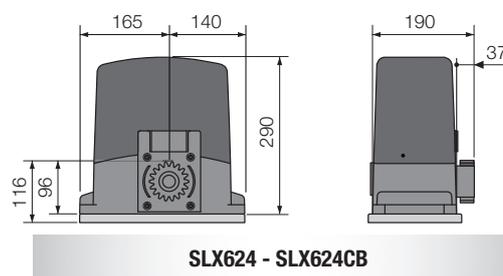
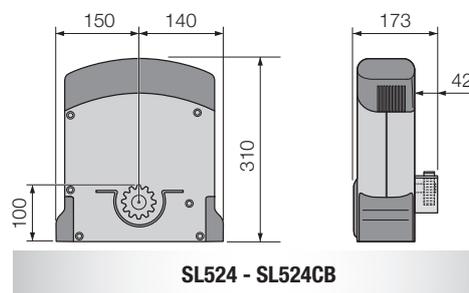
		SL524/SL524CB	SLX624/SLX624CB
Power supply	Vac	230	230
Frequency	Hz	50	50
Nominal electrical input	A	0,75	0,75
Power input	W	170	170
Duty cycle	%	70	70
Drag speed	m/min	9,2	15
Torque max.	Nm	42	20
Operating temperature range	°C	-20°...+55	-20°...+55
Protection grade	IP	44	44

MOTOR DATA

Motor power supply	Vdc	24	24
Maximum power yield	W	38	60
Nominal electrical input	A	1.8	2

BUILT-IN RECEIVER CARD

Reception frequency	MHz	433,92 / 868,3	433,92 / 868,3
Number of channels	No	4	4
Number of functions	No	6	6
Number of stored codes	No	300 / 1000	300 / 1000





SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



CARDIN AUTOMATION SERIES SLX

A "complete machine" which contains all the electronic and mechanical components required to manage gate positioning and the safety functions of the installation. Powerful and tireless, controlled by state of the art electronics, the automation is fitted with a powerful direct current motor backed up by a finely tuned double gear kinematic system which reduces the stress on the motor and structure caused by the movement of heavy gates.

Installation is possible on any structure and the unit may be fitted both to the right as well as to the left of the passageway. Models are available for both residential and industrial use.

The use of low voltage motors increase the performance, guarantee high efficiency, long life and silent running.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure.

Repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Compatible with the system INTPRG-3G/WF that allows the system parameters to be controlled and programmed remotely.

A slave motor, connected via cable with the Cardin MODCA slot-in modules inserted, can be installed to drive two biparting sliding gates.

Multi-decoding:

The product range is factory fitted with a multi-decoding remote control module (system S449 - S486 - S504 - S508), a battery charger and NiMH batteries which allow the gate to be manoeuvred even during blackouts.



Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.



See section 24V ECU INTERFACE DEVICES on page 178



MANUAL RELEASE SLX3024CB



SELF-PROGRAMMING MONITORED BY AN LCD GRAPHICS DISPLAY



MANUAL RELEASE SLX1524CB



MANUAL RELEASE SLX24DRACO



COOLING FAN FOR SLX24DRACO

CARDIN AUTOMATION SERIES SLX



ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of a self-locking gear motor (with a gate drag speed of 13 metres/minute) controlled by magnetic encoder with an in-built:

- electronic programmer;
- 433MHz FM receiver;
- slot-in battery charger (SLX824CB - SLX1524CB);
- NiMH batteries (SLX824CB - SLX1524CB);
- reversible motor (SLX1224REV).

The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, intermittent warning lamp activation, indicator light and photoelectric cell function setting etc.

The electronics card, thanks to the presence of the real-time clock, allows you to set 10 events (shown on the display) and these events permit you to regulate the opening and closing of the motor at different times during the day within 3 weekly time bands (Mon-Fri, Sat-Sun, Mon-Sun); the events can be enabled or disabled (during holiday periods) either from the menu or by means of a radio channel. The appliance is fitted with a safe and secure manual release system activated by a personalised key.

SLX824CB



(drag speed max. **13** m/min)

SLX1224REV

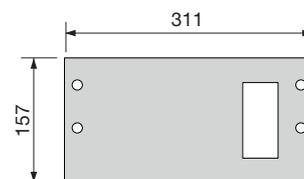


(drag speed max. **17** m/min)

SLX1524CB



(drag speed max. **9,5** m/min)



FASTENING BASE
SPARE PARTS NUMBER 999393

ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of a self-locking gear motor controlled by magnetic encoder with an in-built:

- electronic programmer;
- 433MHz FM receiver;

The innovative DRACO system permits the gate's movement to be accompanied with total security and features a "variable speed function" which can be adjusted according to the different installation requirements up to a maximum speed of 30m per minute. The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, intermittent warning lamp activation, indicator light and photoelectric cell function setting etc.

The electronics card, thanks to the presence of the real-time clock, allows you to set 10 events (shown on the display) and these events permit you to regulate the opening and closing of the motor at different times during the day. The appliance is fitted with a safe and secure lever operated manual release system protected by a robust access door with a personalised key.

SLX24DRACO



(optional)



(adjustable drag speed up to **30** m/min)

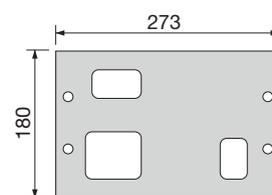
SLX24DRACO2



(optional)



(adjustable drag speed up to **22** m/min)



FASTENING BASE
SPARE PARTS NUMBER 999805

CARDIN AUTOMATION SERIES SLX



ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of a self-locking gear motor controlled by magnetic encoder with an in-built:

- electronic programmer;
- 433MHz FM receiver;
- slot-in battery charger;
- NiMH batteries.

The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, intermittent warning lamp activation, indicator light and photoelectric cell function setting etc.

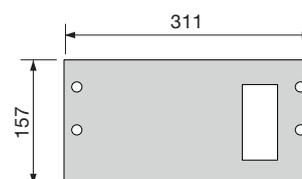
The electronics card, thanks to the presence of the real-time clock, allows you to set 10 events (shown on the display) and these events permit you to regulate the opening and closing of the motor at different times during the day within 3 weekly time bands (Mon-Fri, Sat-Sun, Mon-Sun); the events can be enabled or disabled (during holiday periods) either from the menu or by means of a radio channel.

The appliance is fitted with a safe and secure manual knob operated release system protected by a robust access door with a personalised key.

SLX3024CB



(drag speed max. **8** m/min)



FASTENING BASE
SPARE PARTS NUMBER 999393

CARDIN AUTOMATION SERIES SLX



GEAR RACK

in nylon reinforced with glass fibre with a steel core for sliding gates up to 500kg.

VERSION WITH 4 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY1



GEAR RACK

in polyamide with a steel core for sliding gates up to 800kg.

VERSION WITH 6 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CREMP



VERSION WITH 6 UPPER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY



GEAR RACK

in galvanised steel for the **DRACO** motor and industrial installations up to 3000 kg.

VERSION TO BE SOLDERED

22mm x 22mm, M4, 2m pieces.

SLOAC



VERSION WITH FASTENING SLITS

30mm x 12mm, M4, 1m pieces.

SLOAC2



SPEED CONTROLLER

The device should be fitted to the gear rack in alignment with the motor in order to recuperate the correct sliding action of the gate in installations that are slightly inclined.

RVS



KIT BATTERY CHARGER + NIMH BATTERIES

Allows the SLX unit to work during blackouts.

KBNIMH-1



KIT BATTERY CHARGER + NIMH BATTERIES

Allows the SLX24DRACO unit to work during blackouts.

KBNIMH-D



DATA INTERFACE MODULE VIA CABLE

The module allows the exchange of information between the motor's electronic control unit and the Cardin 3G/WF interface and also allows you to connect two motors via cable in order to use the synchronised master/slave function.

MODCA



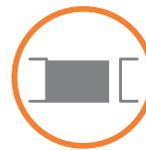
BLUETOOTH MODULE

The module allows the exchange of information between the motor's electronic control unit and the Cardin 3G/WF interface via Bluetooth or directly between the control units and the apps CRD ONE and CRD TWO.

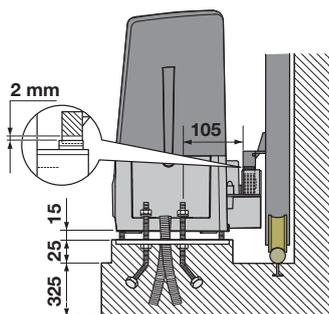
MODBT



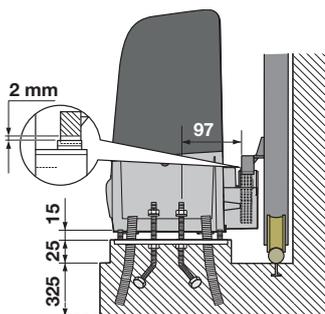
CARDIN AUTOMATION SERIES SLX



POSITIONING THE UNIT

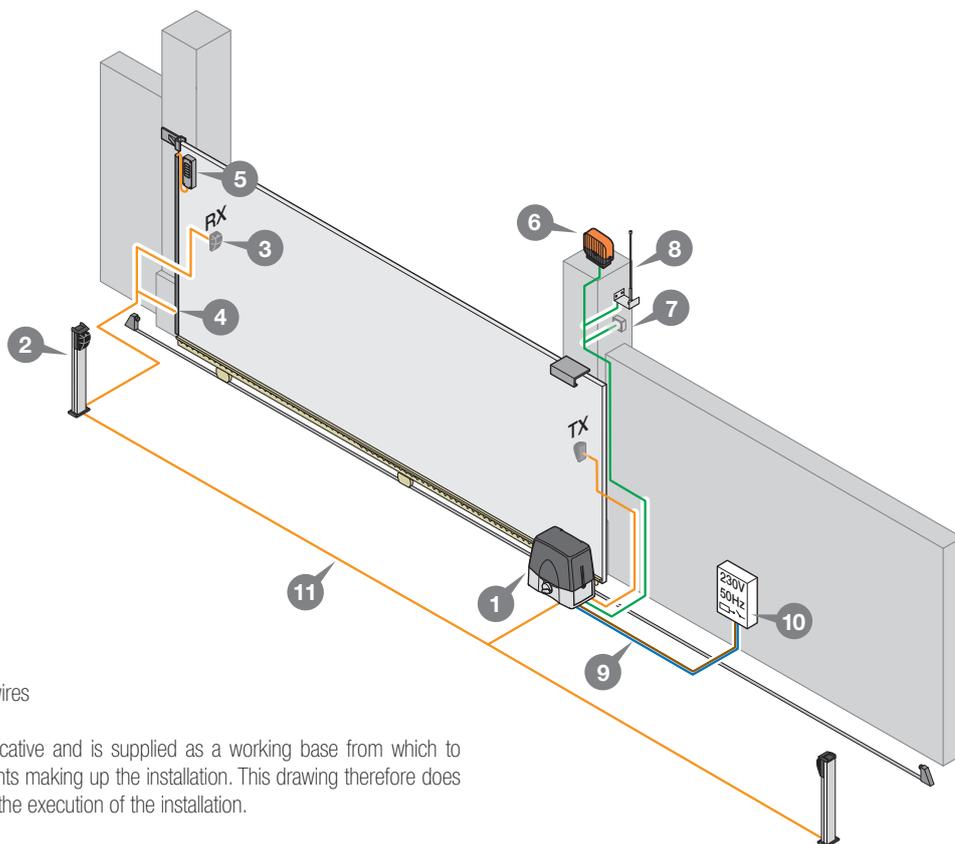


SLX824CB - SLX1224REV
SLX1524CB - SLX3024CB



SLX24DRACO/2

INSTALLATION EXAMPLE



LEGEND

- 1 Geared motor
- 2 Internal photocells
- 3 External photocells
- 4 Safety edge
- 5 Radioshield
- 6 Warning lights
- 7 Mechanical selector switch
- 8 External aerial
- 9 Mains cable 230Vac
- 10 All pole circuit breaker
- 11 Channelling route for low voltage wires

Attention: The drawing is purely indicative and is supplied as a working base from which to choose the Cardin electronic components making up the installation. This drawing therefore does not lay down any obligations regarding the execution of the installation.

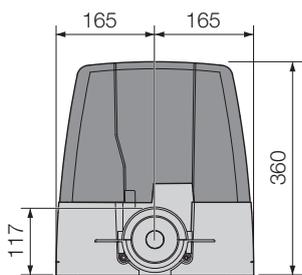
CARDIN AUTOMATION SERIES SLX



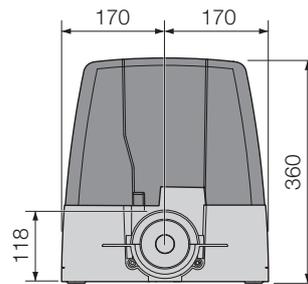
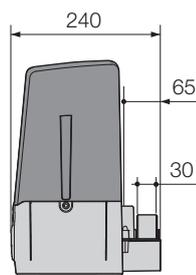
TECHNICAL DATA

GENERAL CHARACTERISTICS		SLX824CB	SLX1224REV	SLX1524CB	SLX3024CB	SLX24DRACO/2
Power supply	Vac	230	230	230	230	230
Frequency	Hz	50	50	50	50	50
Nominal electrical input	A	0,9	0,9	0,9	1,1	1,7
Power input	W	200	200	200	250	380
Duty cycle	%	70	70	70	70	50
Drag speed	m/min	13	17	9,5	8	30 / 22
Torque max.	Nm	57	25	74	90	44 / 55
Operating temperature range	°C	-20°...+55	-20°...+55	-20°...+55	-20°...+55	-20°...+55
Protection grade	IP	44	44	44	44	44
MOTOR DATA						
Motor power supply	Vdc	24	24	24	24	24
Maximum power yield	W	110	110	130	160	250
Nominal electrical input	A	3	3	3,5	4,5	10
BUILT-IN RECEIVER CARD						
Reception frequency	MHz	433.92 / 868,3	433.92 / 868,3	433.92 / 868,3	433.92 / 868,3	433.92 / 868,3
Number of channels	No	4	4	4	4	4
Number of functions	No	8	8	8	8	8
Number of stored codes	No	300 / 1000	300 / 1000	300 / 1000	300 / 1000	300 / 1000

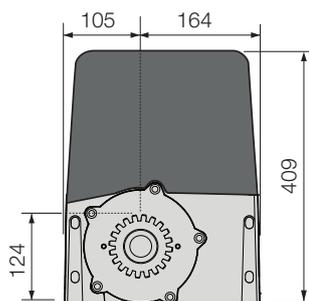
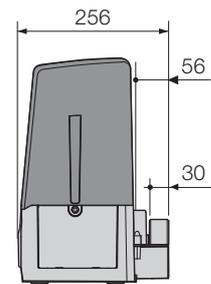
OVERALL DIMENSIONS



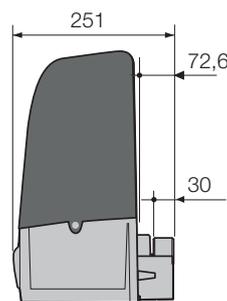
SLX824CB - SLX1224REV - SLX1524CB



SLX3024CB



SLX24DRACO





SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



(optional)

CARDIN AUTOMATION SERIES SLACE

Electromechanical gear motors suitable for gate positioning control and safety system management. Ideal for residential sliding gates the unit moves gates up to 16 metres per minute with speed regulation.

Powerful, rapid and controlled by state of the art electronics, the unit is fitted with a powerful direct current motor backed up by a finely tuned double gear kinematic system which reduces the stress on the motor and structure caused by the movement of gates.

The reduction unit stator is made of die cast aluminium and contains a never ending screw and double reduction lubricated with grease.

Installation, on a robust and rust proof base, is possible on any structure and the unit may be fitted both to the right as well as to the left of the passageway.

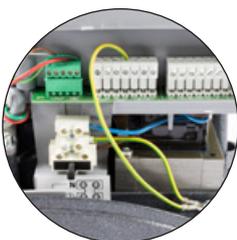
The use of direct current motors increases the performance, guarantees high efficiency, long life and silent running.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure.

Repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Open collector:

The product range is factory set for the insertion of an open collector receiver card that guarantees compatibility with all the radio control series available in the Cardin catalogue.



ELECTRONIC PROGRAMMER WITH EXTRACTABLE TERMINAL BLOCKS



OPEN COLLECTOR RECEIVER CARD



MANUAL RELEASE SLACEFAST



RAPID ANCHORING SYSTEM



MANUAL RELEASE SLACE601

CARDIN AUTOMATION SERIES SL



ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of self-locking gear motor controlled by encoder and magnetic travel limits with an in-built:

- electronic programmer;
- motor speed regulation;
- motor drive power regulation;
- slot-in open collector receiver card.

The programmer allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, flashing warning lamp activation, indicator light and photoelectric cell function setting etc.

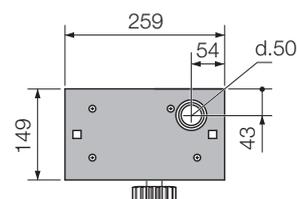
Ideal for residential sliding gates up to 300kg.

The appliance is fitted with a safe and secure key-operated manual release system protected by a plastic access door.

SLACEFAST



(adjustable drag speed up to **16** m/min)



FASTENING BASE
SPARE PARTS NUMBER 9995026

ELECTROMECHANICAL UNIT WITH A 24V MOTOR

The automation is made up of self-locking gear motor controlled by encoder and magnetic travel limits with an in-built:

- electronic programmer;
- motor speed regulation;
- motor drive power regulation;
- double 8,2kΩ inputs for connecting safety edges;
- slot-in open collector receiver card.

The programmer allows you to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, flashing warning lamp activation, indicator light and photoelectric cell function setting etc.

Compatible with the INTPRG-3G/WF system that allows the monitoring and programming of the system parameters from a remote position.

Possibility of connecting two gear motors in Master and Slave configuration for installations with opposing sliding gates.

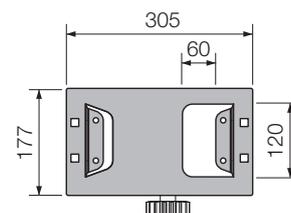
Ideal for residential sliding gates up to 600kg.

The appliance is fitted with a safe and secure key-operated manual release system protected by a plastic access door.

SLACE601



(adjustable drag speed up to **16** m/min)

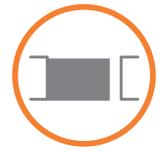


FASTENING BASE
SPARE PARTS NUMBER 9995013

Compatible with the data exchange system between digital devices (smartphone, tablet, etc.) and the Cardin multifunctional control units.



See section 24V ECU INTERFACE DEVICES on page 178



SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



CARDIN AUTOMATION SERIES SLEVO

Electromechanical gear motors suitable for gate positioning control and safety system management. Ideal for residential/industrial sliding gates powered by 230V.

Powerful, rapid and controlled by state of the art electronics, the gate automation units are fitted with powerful motors backed up by a finely tuned double gear kinematic system which reduces the stress on the motor and structure caused by the movement of gates.

The reduction unit stator is made of die cast aluminium and contains a never ending screw immersed in an oil bath (lubricated with grease for the SLEVO600). Installation, on a robust and rust proof base, is possible on any structure and the unit may be fitted both to the right as well as to the left of the passageway.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure.

The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Open collector:

The product range is factory set for the insertion of an open collector receiver card that guarantees compatibility with all the radio control series available in the Cardin catalogue.



ELECTRONIC PROGRAMMER WITH EXTRACTABLE TERMINAL BLOCKS



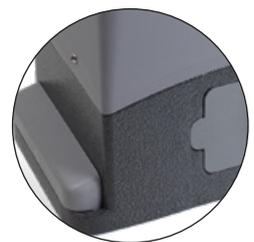
OPEN COLLECTOR RECEIVER CARD



MANUAL RELEASE SLEVO600 - 800 - 1200



RAPID ANCHORING SYSTEM



REDUCTION UNIT STATOR MADE OF DIE CAST ALUMINIUM

CARDIN AUTOMATION SERIES SL



SELF-LOCKING SLIDING GATE MOTOR

For residential/industrial sliding gates up to 1200kg. Complete with encoder, magnetic limits, electronic brake and a built-in control unit. Constant performance over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature (in the versions SLEVO800 and SLEVO1200) using HOT (optional). The appliance is fitted with a safe and secure key-operated manual release system protected by a plastic access door.

ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Grease lubrication. For gates up to 600kg.

SLEVO600



(drag speed max. 10 m/min)



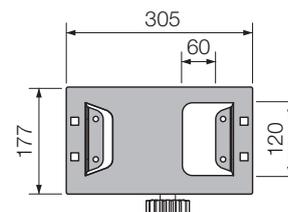
ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Oil bath lubrication. For gates up to 800kg.

SLEVO800



(drag speed max. 10 m/min)



FASTENING BASE
SPARE PARTS NUMBER 9995013

ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Oil bath lubrication. For gates up to 1200kg.

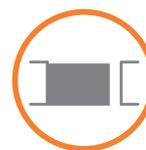
SLEVO1200



(drag speed max. 10 m/min)

FASTENING BASE
SPARE PARTS NUMBER 9995114

CARDIN AUTOMATION SERIES SLACE-EVO



GEAR RACK

in nylon reinforced with glass fibre with a steel core for sliding gates up to 500kg.

VERSION WITH 4 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY1



GEAR RACK

in polyamide with a steel core for sliding gates up to 800kg.

VERSION WITH 6 LOWER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CREMP



VERSION WITH 6 UPPER FASTENING SLITS

30mm x 20mm, M4, 1m pieces.

CRENY



GEAR RACK

in galvanised steel for sliding gates up to 3000kg. Particularly suited to industrial installations.

VERSION TO BE SOLDERED

22mm x 22mm, M4, 2m pieces.

SLOAC



VERSION WITH FASTENING SLITS

30mm x 12mm, M4, 1m pieces.

SLOAC2



SPACERS

screw version for SLOAC2.
Lots of 30 pcs.

DAC



SPACERS

soldering version for SLOAC2.
Lots of 30 pcs.

DSC



ADJUSTABLE SPACERS

screw version for SLOAC2.
Lots of 3 pcs.

DAP



BASEPLATE

for embedding (SLEVO600 - SLEVO800 - SLEVO1200 - SLACE601).

CPEVO



CARDIN AUTOMATION SERIES SLACE-EVO



KIT BATTERY CHARGER + NiMH BATTERIES

Allows the 24V programmers to work during blackouts.

KBNIMH-T2



POWER SUPPLY KIT

Solar panels for use with all 24Vdc automation.

SUNPOWER



SPEED CONTROLLER

The device should be fitted to the gear rack in alignment with the motor in order to recuperate the correct sliding action of the gate in installations that are slightly inclined.

RVS



MANUAL RELEASE KIT

for external use, supplied with a steel cable.

KIT SBLESTEVO



MECHANICAL TRAVEL LIMIT ADAPTOR

from open collector to NC.

ADFCSM



ELECTRONIC HEATER

with a temperature probe for 230V motors.

HOT



BLUETOOTH MODULE

The module allows the exchange of information between the motor's electronic control unit and the Cardin 3G/WF interface via Bluetooth or directly between the control units and the apps CRD ONE and CRD TWO.

MODBT2



FLAGON OF OIL

5 litres for SLEVO800.
5 litres for SLEVO1200.

TS20

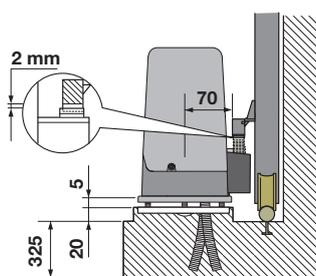
TS40



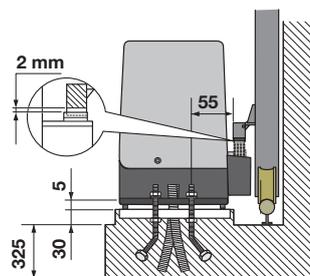
CARDIN AUTOMATION SERIES SLACE-EVO



POSITIONING THE UNIT

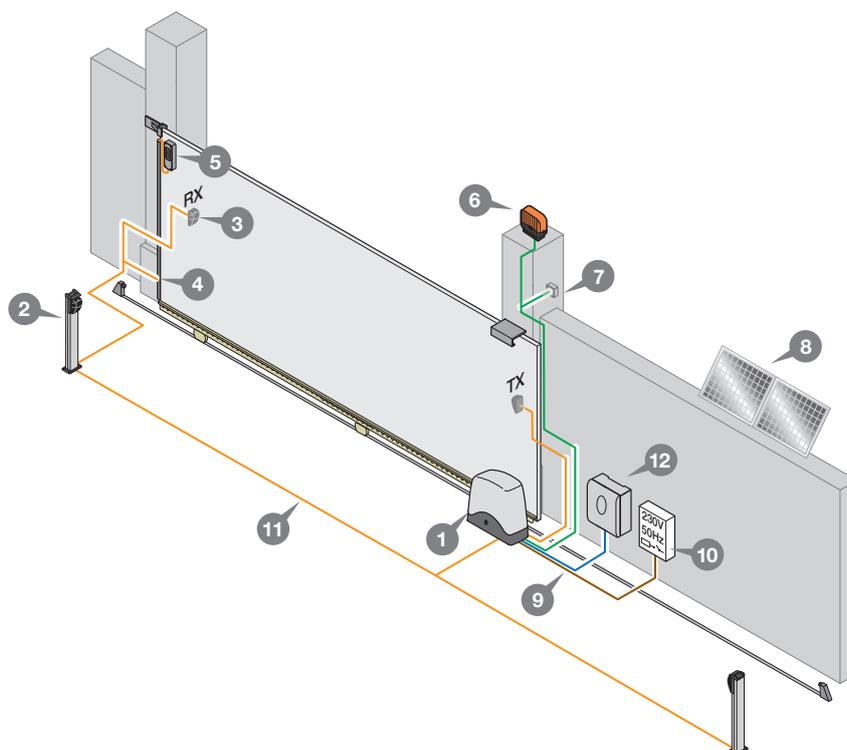


SLACEFAST



**SLEVO600 - SLEVO800
SLEVO1200 - SLACE601**

INSTALLATION EXAMPLE



LEGEND

- 1 Geared motor
- 2 Internal photocells
- 3 External photocells
- 4 Safety edge
- 5 Radioshield
- 6 Warning lights with aerial
- 7 Mechanical selector switch
- 8 Solar panels
- 9 Mains cable 230Vac
- 10 All pole circuit breaker
- 11 Channelling route for low voltage wires
- 12 Sun Power

Attention: The drawing is purely indicative and is supplied as a working base from which to choose the Cardin electronic components making up the installation. This drawing therefore does not lay down any obligations regarding the execution of the installation.

CARDIN AUTOMATION SERIES SLACE-EVO



TECHNICAL DATA

GENERAL CHARACTERISTICS		SLACEFAST	SLACE601	SLEVO600	SLEVO800	SLEVO1200
Power supply	Vac	230	230	230	230	230
Frequency	Hz	50	50	50	50	50
Nominal electrical input	A	0,5	0,8	1,8	2	2,5
Power input	W	115	180	400	460	570
Duty cycle	%	40	60	40	60	60
Drag speed	m/min	10 . 16	10 . 16	10	10	10
Torque max.	Nm	15	21	21	25	45
Operating temperature range	°C	-20°...+55	-20°...+55	-20°...+55	-20°...+55 *	-20°...+55 *
Protection grade	IP	44	44	44	44	44

* with the electronic heater HOT installed

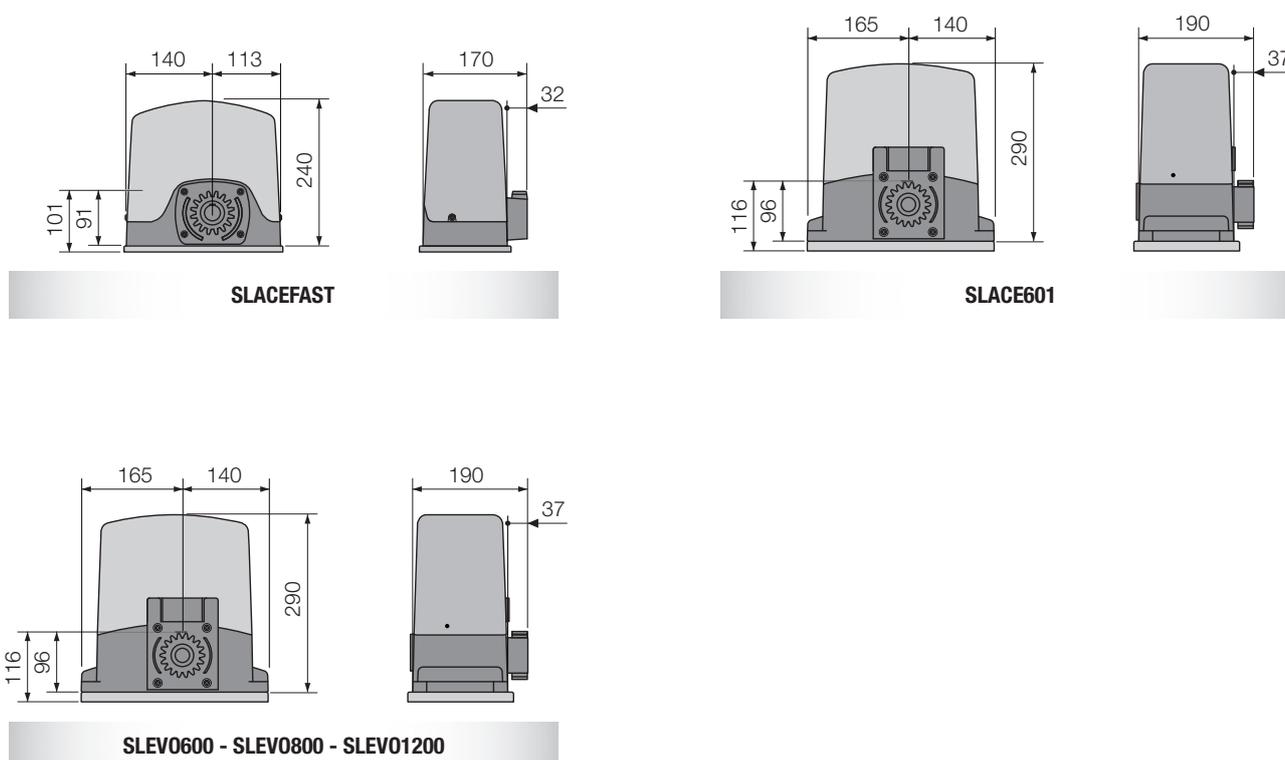
MOTOR DATA

Motor power supply	V	30 Vdc	24Vdc	230Vac	230Vac	230Vac
Maximum power yield	W	120	200	800	800	1100
Maximum electrical input	A	4	8	3,4	3,4	5,2

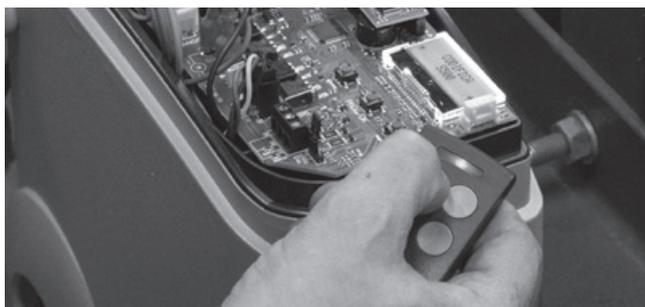
OPTIONAL RECEIVER CARD

The product range is factory set for the insertion of an open collector receiver card that guarantees compatibility with all the radio control series available in the Cardin catalogue.

OVERALL DIMENSIONS



COMPLETE KIT FOR SLIDING GATES



KT-SL524CBX



PACKING

DIMENSIONS: 390 x 175 x 320

GROSS WEIGHT: 11,5 kg

ITEMS PER PALLET: 24 pcs

USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 500kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor.
Incorporated electronic programmer with a 433MHz FM receiver, battery charger and NiMH batteries.

SL524CB

24V

500
kg

+ -
NiMH

(drag speed max. 9,2 m/min)



2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

TXQ504C4



PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

in class 3 with adjustable lens, range 10m.

CDR999



LED WARNING LIGHT

24V - 230V with an in-built aerial

ICON



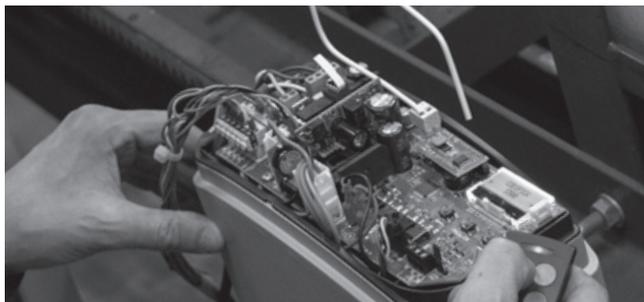
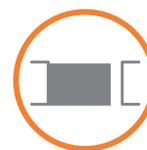
INTERNATIONAL WARNING SIGN

in PP, multi-language.

TARGA-INT



COMPLETE KIT FOR SLIDING GATES



KT-SLX624



PACKING

DIMENSIONS: 520 X 210 X 320

GROSS WEIGHT: 11,5 kg

ITEMS PER PALLET: 24 pcs

USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 600kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor. Incorporated electronic programmer with a 433MHz FM receiver, battery charger and NiMH batteries.

SLX624

24V

600 kg

(drag speed max. 9,2 m/min)



2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

TXQ504C4



PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

in class 3 with adjustable lens, range 10m.

CDR999



LED WARNING LIGHT

24V - 230V with an in-built aerial

ICON



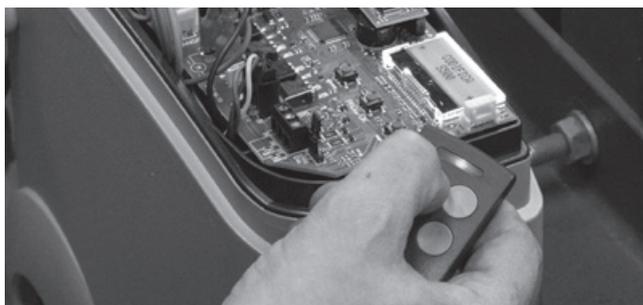
INTERNATIONAL WARNING SIGN

in PP, multi-language.

TARGA-INT



COMPLETE KIT FOR SLIDING GATES



USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 600kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor.
Incorporated electronic programmer with a 433MHz FM receiver, battery charger and NiMH batteries.

2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

in class 3 with adjustable lens, range 10m.

LED WARNING LIGHT

24V - 230V with an in-built aerial

INTERNATIONAL WARNING SIGN

in PP, multi-language.

KT-SL624CB



PACKING

DIMENSIONS: 520 X 210 X 330

GROSS WEIGHT: 12,2 kg

ITEMS PER PALLET: 24 pcs

SLX624CB

24V

600
kg

+ -
NiMH

(drag speed max. 9,2 m/min)



TXQ504C4



CDR999



ICON



TARGA-INT



COMPLETE KIT FOR SLIDING GATES



KT-SLACEFAST



PACKING

DIMENSIONS: 520 x 210 x 320

GROSS WEIGHT: 9,5 kg

ITEMS PER PALLET: 21 pcs

USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 300kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor and magnetic travel limits. In-built electronic programmer.

SLACEFAST

24V

300
kg

(adjustable drag speed up to 16 m/min)



2-CHANNEL RECEIVER CARD

433MHz open collector, slot-in card. S508 - S449 - S486 and EDGE versions are available on request.

RSQ5040C2



2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

TXQ504C4



PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

with adjustable lens, range 25m.

VEDO180



LED WARNING LIGHT

24V - 230V with an in-built aerial

ICON



INTERNATIONAL WARNING SIGN

in PP, multi-language.

TARGA-INT



COMPLETE KIT FOR SLIDING GATES



KT-SLACE601



PACKING

DIMENSIONS: 520 x 210 x 320

GROSS WEIGHT: 13 kg

ITEMS PER PALLET: 21 pcs

USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 600kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor and magnetic travel limits. In-built electronic programmer.

SLACE601

24V

600
kg

(adjustable drag speed up to 16 m/min)



2-CHANNEL RECEIVER CARD

433MHz open collector, slot-in card. S508 - S449 - S486 and EDGE versions are available on request.

RSQ5040C2



2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

TXQ504C4



PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

with adjustable lens, range 25m.

VEDO180



LED WARNING LIGHT

24V - 230V with an in-built aerial

ICON



INTERNATIONAL WARNING SIGN

in PP, multi-language.

TARGA-INT



COMPLETE KIT FOR SLIDING GATES



KT-SLEVO600



PACKING

DIMENSIONS: 520 x 210 x 320

GROSS WEIGHT: 15 kg

ITEMS PER PALLET: 21 pcs

USE

The kit contains all the command, control and safety devices required to carry out a residential installation for medium to small size sliding gates with a maximum weight of 600kg.

SELF-LOCKING SLIDING GATE MOTOR

with an encoder-controlled 24Vdc motor and magnetic travel limits. In-built electronic programmer.

SLEVO600

230V

600 kg

(drag speed max. 10 m/min)



2-CHANNEL RECEIVER CARD

433MHz open collector, slot-in card. S508 - S449 - S486 and EDGE versions are available on request.

RSQ5040C2



2 4-CHANNEL TRANSMITTERS

433MHz FM ROLLING CODE.

TXQ5040C4



PAIR OF SURFACE-MOUNT PHOTOELECTRIC CELLS

with adjustable lens, range 25m.

VED0180



LED WARNING LIGHT

24V - 230V with an in-built aerial

ICON



INTERNATIONAL WARNING SIGN

in PP, multi-language.

TARGA-INT

