NICE GATE&DOOR

SYSTEMS FOR THE AUTOMATION AND CONTROL OF GATES,
GARAGE DOORS AND BARRIERS / CATALOGUE 2017

NICE GATE&DOOR
PRICE LIST EXCLUDING VAT
04.2017

4 DESIGNING A NICE WORLD

19 HI-SPEED RANGE

35 SYSTEMS FOR SWING GATES

85 SYSTEMS FOR SLIDING GATES

107 BARRIER GATE OPERATOR SYSTEMS

125 SYSTEMS FOR GARAGE AND INDUSTRIAL DOORS

161 CONTROL SYSTEMS

189 ACCESSORIES

216 CONTROL UNITS

230 COMPATIBILITY GUIDE FOR AUTOMATION SYSTEMS

234 PRODUCT CODE ALPHABETICAL INDEX

Nice

FOR GATES AND VEHICLE ACCESS

FOR DOORS

FOR YOU

THE NICE GROUP IS THE IDEAL PARTNER FOR ANY PROJECT

Unique solutions, blending technology, innovation, quality and design.

Systems for the automation and control of gates, garage doors, road barriers, blinds, shutters, lighting and alarm systems are now integrated and can be managed by smart and intuitive interfaces: practical, functional and elegant solutions to help you enjoy your living spaces to the full.

Automation professionals, architects and contractors can find in The Nice Group their privileged partner, which provides comprehensive support throughout the realisation of any project, from design to installation.

Nice means the simplest integration, the most elegant design and the most advanced electronics.

www.thenicegroup.com

2000
"International Design Gallery" Expo 2000 Hannover

2001
Best of Category "Design for the Environment" XIX Compasso d'Oro

2002
Permanent Collection at The Museum of Design

1999, 2003, 2005
"Intel Design Award"

1999, 2003, 2005
"ADI Design Index"

2005
"Trophée d'Argent" Trophée du Design Batimat

2006
"Innovation Prize" R+T Stuttgart

2007
"Innovation & Design Award" LivinLuce

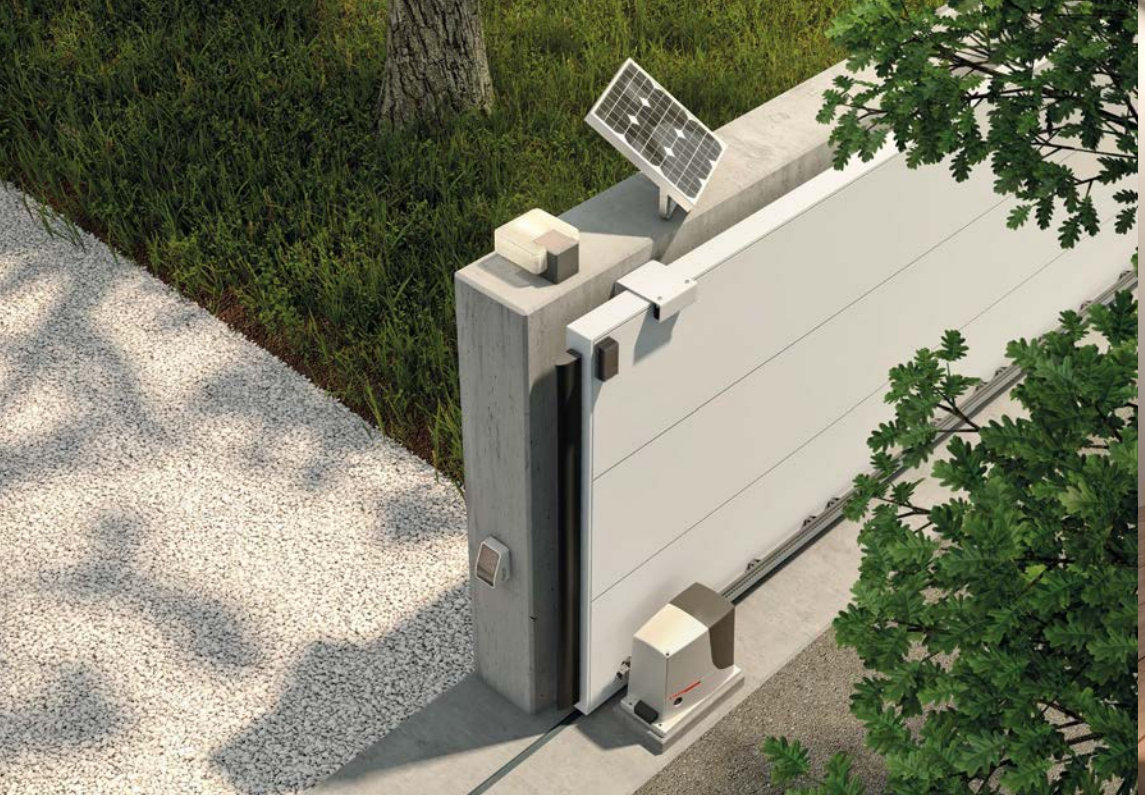
2008
"Grandesign Etico International Award"

INTEGRATION

Systems for the automation and control of gates, garage doors, blinds, shutters and alarm systems, with integrated management using smart and intuitive interfaces.
With Nice app you can control in a simple and comfortable way any connected device, both locally and remotely.

COMFORT

Small, slim and coloured, ideal to carry in your pocket and bag, or to use as stylish key rings; table-top or wall-mounted: the control of the entire home at your fingertips.
With the Nice radio control systems, the choice is yours.



SAFETY

A wide range of accessories with a minimalist, modern and discrete design, featuring BlueBUS or all-wireless technology to guarantee the maximum safety in residential, industrial and public contexts.

VERSATILITY

Nice Tag, miniaturized transmitters and control units: disappearing inside the standard wall plates, they're ideal for restorations and upgrades of existing systems, to control home automations without the need to replace the existing system or performing masonry work.

HI-SPEED, FASTER THAN EVER

High-speed 24 V motors for the automation of sliding and swing gates. The perfect answer where rapid manoeuvres are required, ensuring the shortest standing time and the maximum safety. A complete range responding to all installation needs.
Thanks to the advanced control units and the sensors for sensitive edges making the obstacle detection technology even more precise, **Hi-Speed systems are synonym to reliability, security and comfort.**

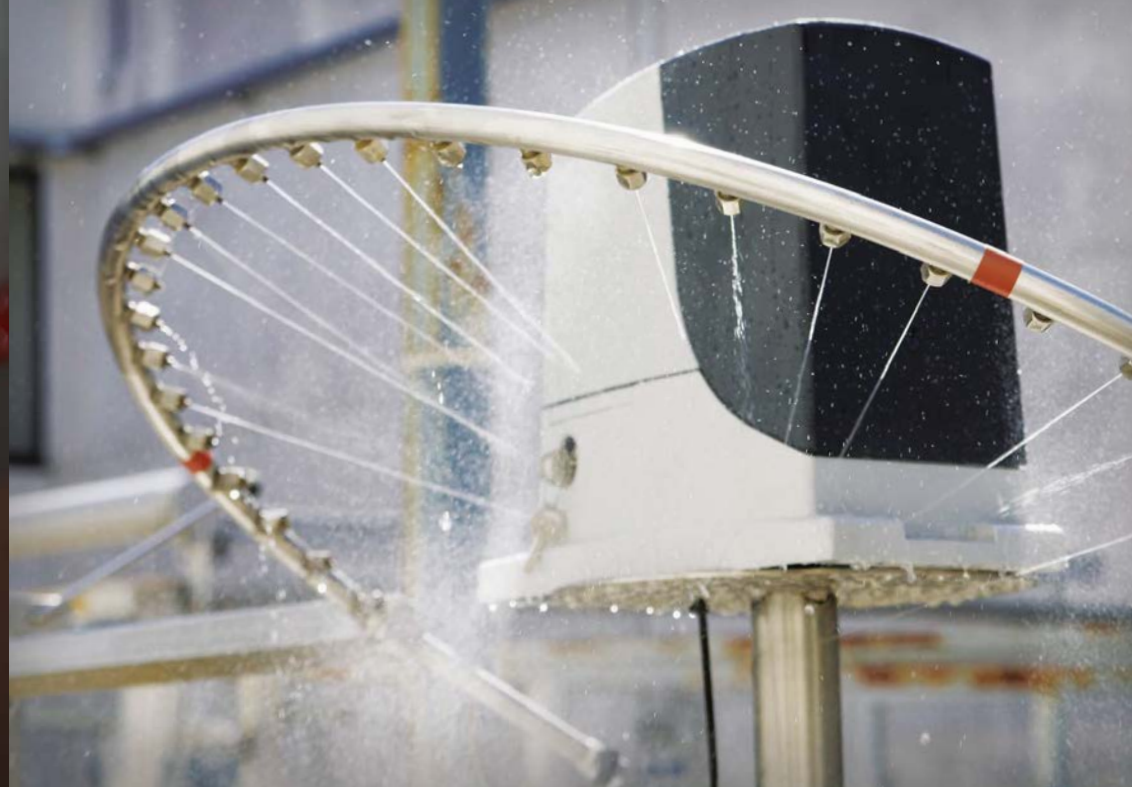
SPY, THE SMART SYSTEM FOR GARAGE DOORS

Spy is the range of motors and control units for garage doors automation, ideal for residential applications: a complete, smart and safe system.
The motor moves along a rail, without chains or other noisy mechanisms to install. The separate control unit, always close at hand, with built-in LED courtesy light and three practical keys to control the automation; **easier and more convenient for programming and maintenance.**

NICE R&D CENTRE AND LABS

Nice makes significant investments to guarantee even higher quality standards, which not only comply with directives and regulations, but also allow continuous product improvement, by exploiting high-tech procedures and experimentation and an innovative approach to open integration.
Through its advanced laboratories Nice carefully tests and controls its products every day in order to grant safety, quality, reliability and durability over time.

Nice has adopted a quality system that complies with standard **ISO 9001**, recognized worldwide for the quality management. The laboratory also meets the strict quality requirements of **EN 17025** standards.



Nice CE certified products comply with the European Directives and the leading internationally recognized standards.
Nice laboratories have been certified by outside certification bodies, attesting their technical expertise and conformity to carry out the tests that cover all the needs and the numerous products manufactured by the Nice group:

- LCIE (Francia)
- IMQ (Italia)
- CTC Advanced (Germania)
- Intertek (Svezia)
- UL (USA)

GUARANTEE

Nice control devices and automations for gates, garage doors, industrial doors and barriers are controlled and tested to give you a long-term guarantee: 3 years from the production date indicated on each product.

M-BAR / L-BAR
BILANCIAMENTO
FINECORSA
BLUEBUS
GUIDE
SENSO ROTAZIONE
TRASMETTITORE
Nice
Nice

BETTER SERVICE, CLOSER TO YOU

Nice provides you, the professional, with a complete range of solutions designed to enhance your offer to the customer and to simplify installation and programming of all automation systems, from the simplest to the most sophisticated.
Technology, reliability and service.

TRAINING

Nice offers a packed programme of **training courses on products, sales techniques, installation and programming,** to provide a complete professional training.
Particular attention and exhaustive coverage is dedicated to current European legislation and standards, with the aim of simplifying the procedure to obtain the declaration of conformity and guarantee the complete safety of the automation systems installed.

AFTER-SALES SERVICE

Nice guarantees **efficient and prompt service, even online, on the www.niceforyou.com website**, with contents dedicated both to the professional and to the end user.

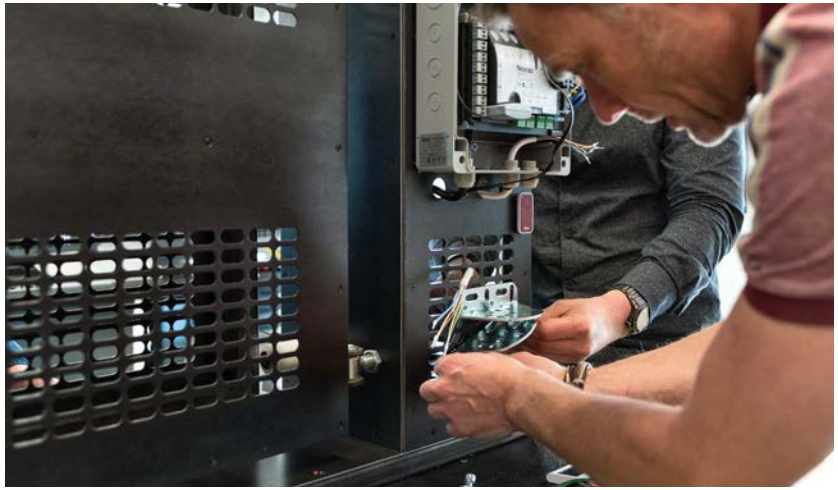
- Section dedicated to **installation and programming tutorial videos, with the answers to the most frequently asked questions.**
- **Section where you can download instruction manuals, quick guides, catalogues and brochures.**
- Form you can use to ask for **the updated software or firmware of any programmer or control unit.**

NICE PEOPLE MAKE NICE THINGS

TheNicePlace
An area covering more than 3,000 sq.m adjacent to company headquarters, devoted to meetings and the exchange, sharing and generation of knowledge, is a "living" place, open to new experiences and initiatives that respond to the needs of a company that is continuing to grow, and reflect its international nature.
With this "social hub", Nice aims to involve people and the community in an ongoing process, so as to stimulate the development of knowledge inside and outside of the company, individually and collectively, as well as to enhance the knowledge and skills of each individual.

www.thenicegroup.com

Nice Feel (for everyone everywhere liberty)
Through its "F.e.e.l." project, Nice promotes a whole series of activities, initiatives and products that bring greater freedom of movement, autonomy and expression, including for people with special needs, such as the elderly and people with disabilities.



Nice Experience
to discover, learn about and touch
Nice automation systems.

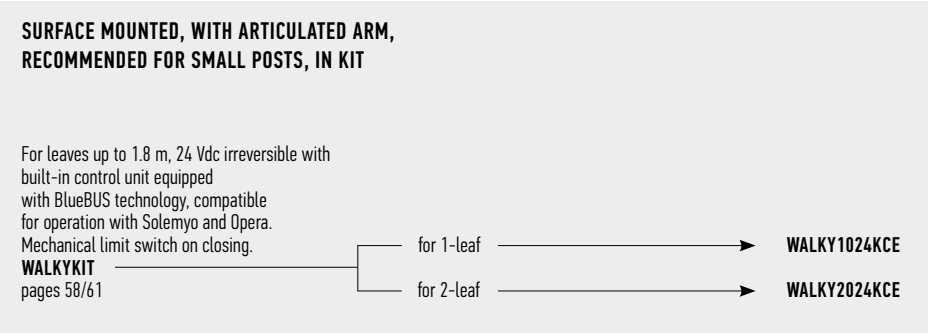
Corrado Muzzillon, Specialized Distributor in Valle d'Aosta **Multi Habitats** Aosta

GUIDE TO READING THE CATALOGUE

1. If you know the name of the product, you can quickly find it out in the index on page 3;

2. If you know the part number but not the product name, go to pages 234/243 for the alphabetical list of part numbers;

3. If you don't know the product name or part number, look up the desired application in the index; the first few pages in each section feature a simple **selection guide** that helps identify the model of motor with the most suitable characteristics for your automation needs;



If you are looking to customise your automation system, refer to the compatibility table on page 230/233 to choose the most suitable electronics for each motor.

Nice Hi-Speed

HI-SPEED SYSTEMS FOR SLIDING GATES AND SWING GATES

SWING GATES, SURFACE MOUNTED	20	TOONA 5 HS
	22	TOONA 6 HS
	24	WINGO 3524 HS
SWING GATES, SURFACE MOUNTED, WITH ARTICULATED ARM	26	HYKE HS
SWING GATES, UNDERGROUND INSTALLATION	28	M-FAB HS
SLIDING GATES FOR RESIDENTIAL AND INDUSTRIAL APPLICATIONS	30	ROBUS 250 HS
	30	ROBUS 500 HS
	32	RUN 400 HS
	32	RUN 1200 HS

TOONA 5 HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of swing gates with leaves up to 5 m or 400 kg, ideal for residential and industrial applications.
24 Vdc, electromechanical gear motor, surface mounted, with magnetic encoder.

Quick manoeuvres: 90° opening in about 16* seconds.

Reliable: the magnetic encoder ensures the safeguard of set values over time and precise obstacle detection.

Silent: patented layout of internal parts and lead nut in bronze.

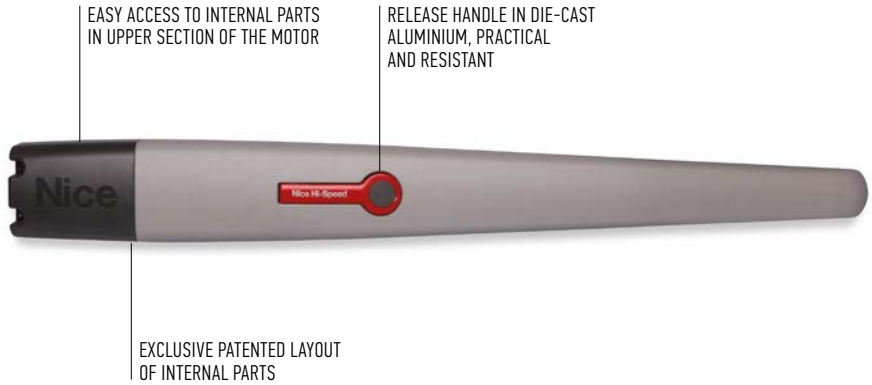
Sturdy: thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.
Internal moving parts completely in steel, light alloys and technopolymers.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance: with built-in capacitor.

Moonclever control unit MC824H:
- simple programming, by means of a single key;
- automatic memorization of limit switches on opening and closing with self-learning function;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

* Considering standard installation, excluding acceleration and deceleration.

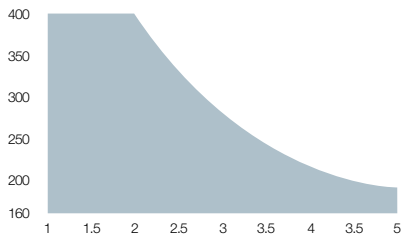


CODE	DESCRIPTION	PACK/PALLET
T05024HS	IRREVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING AND CLOSING	20

TECHNICAL SPECIFICATIONS

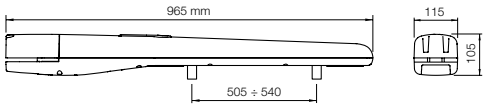
CODE	T05024HS
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	>> 0.025 <<
FORCE (N)	1800
WORK CYCLE (CYCLES/HOUR)	95
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	965x115x105 h
WEIGHT (kg)	7.5

UTILISATION LIMITS

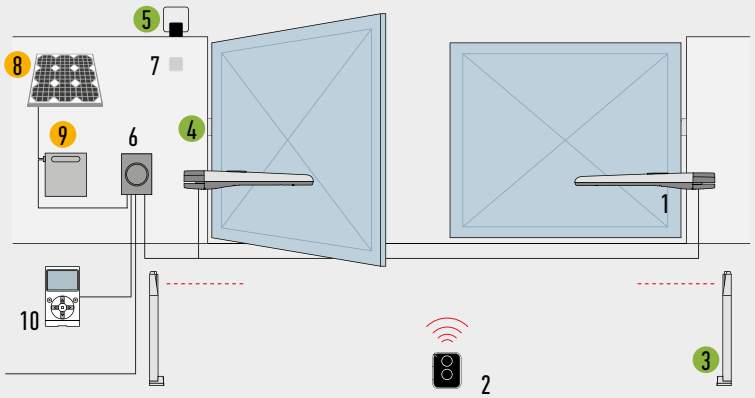


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.
Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
T05024HS									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TOONA 6 HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of swing gates with leaves up to 6 m or 1450 kg.
24 Vdc electromechanical gear motor, surface mounted, with magnetic encoder.

The most powerful:
ideal for industrial applications, designed for intensive use.

Quick manoeuvres: 90° opening in about 30* seconds.

Reliable: the magnetic encoder ensures the safeguard of set values over time and precise obstacle detection.

Silent: patented layout of internal parts and lead nut in bronze.

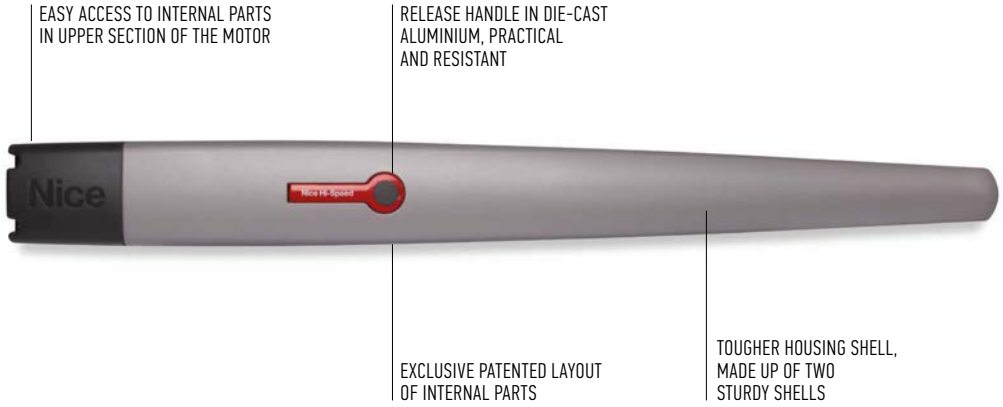
Sturdy: thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.
Internal moving parts completely in steel, light alloys and technopolymers.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance: with built-in capacitor.

Moonclever control unit MC824H:
- simple programming, by means of a single key;
- automatic memorization of limit switches on opening and closing with self-learning function;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

* Considering standard installation, excluding acceleration and deceleration.

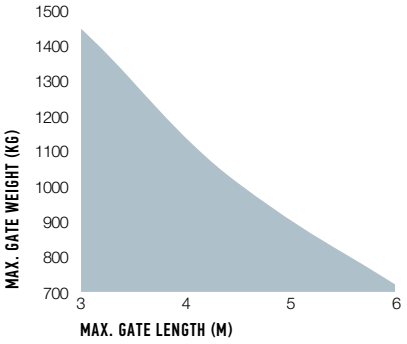


CODE	DESCRIPTION	PACK/PALLET
T06024HS	IRREVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING AND CLOSING	20

TECHNICAL SPECIFICATIONS

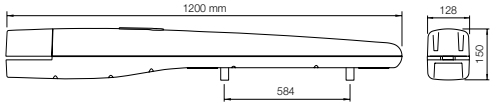
CODE	T06024HS
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	>> 0.016 <<
FORCE (N)	2200
WORK CYCLE (CYCLES/HOUR)	41
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	1200x128x150 h
WEIGHT (kg)	15

UTILISATION LIMITS

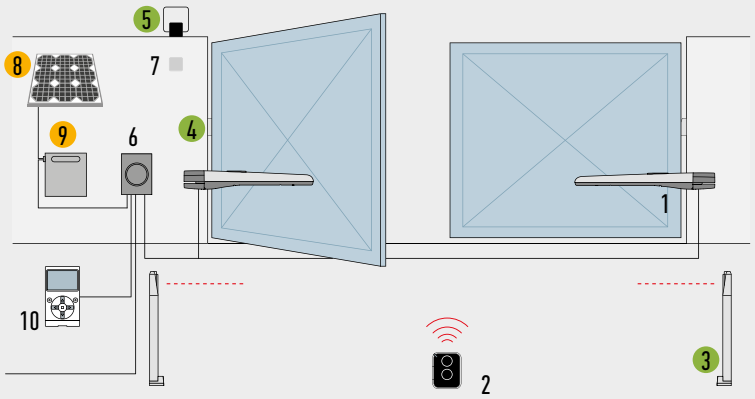


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.
Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
T06024HS									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
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WINGO 3524 HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of swing gates with leaves up to 3 m or 200 kg, ideal for residential applications.
24 Vdc electromechanical gear motor, surface mounted, with magnetic encoder.

Quick manoeuvres: 90° opening in about 10* seconds.

Reliable: the magnetic encoder ensures the safeguard of set values over time and precise obstacle detection.

Silent: patented layout of internal parts, fewer moving parts.

Easy to install: after the gear motor has been assembled, all electrical connections are made from above.

Pre-assembled travel stops on opening.

Moonclever control unit MC824H:
- simple programming, by means of a single key;
- automatic memorization of limit switches on opening and closing with self-learning function;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
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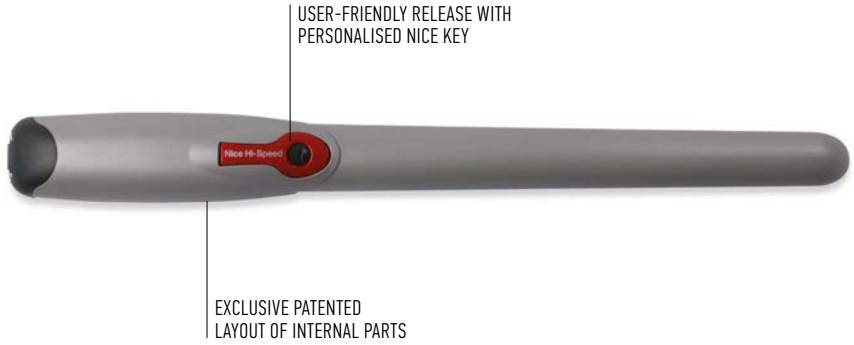
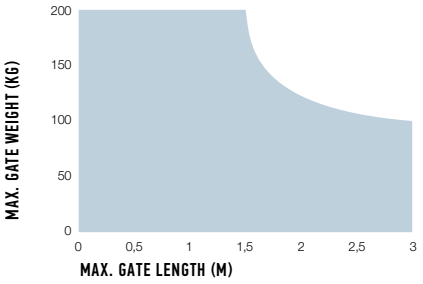


CODE	DESCRIPTION	PACK/PALLET
WG3524HS	IRREVERSIBLE, 24 Vdc, FAST, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING AND CLOSING	20

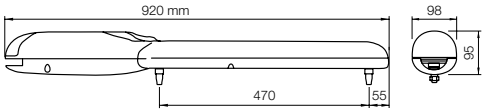
TECHNICAL SPECIFICATIONS

CODE	WG3524HS
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	>> 0.04 <<
FORCE (N)	1500
WORK CYCLE (CYCLES/HOUR)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	920x98x95 h
WEIGHT (kg)	6

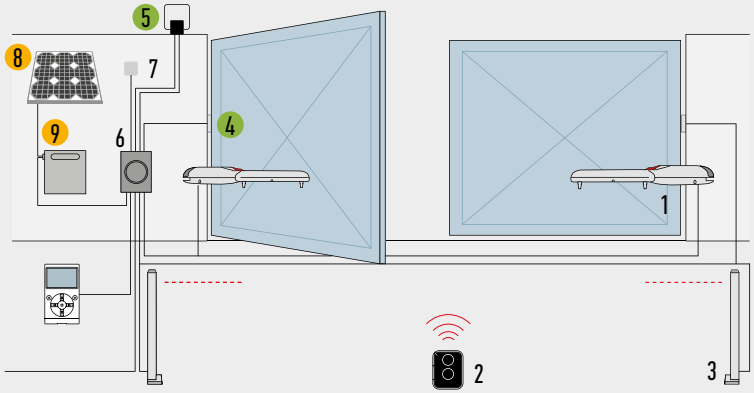
UTILISATION LIMITS



DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
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COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
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WG3524HS									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.
ONLY FOR TN2010L.

PC/PACK 1

PLA14
SCREW-ADJUSTABLE REAR BRACKET.

PC/PACK 2

PLA15
SCREW-ADJUSTABLE FRONT BRACKET.

PC/PACK 2

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

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HYKE HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of swing gates with leaves up to 3 m or 270 kg, ideal for residential applications even with large columns.
24 Vdc electromechanical gear motor with articulated arm, surface mounted, with magnetic encoder.

Ideal for intensive use and quick manoeuvres: 90° opening in about 10* seconds.

Ultra-powerful and reliable: thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability.

Safe movement with dual technology obstacle detection.

Sturdy
thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Two irreversible 24 Vdc versions with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).

Practical and quick installation: the articulated arm is adjustable in length for maximum flexibility.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

No black out: with the optional batteries (PS124) housed inside the gear motor.

Built-in control unit (HK7024):
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

* Considering standard installation, excluding acceleration and deceleration.

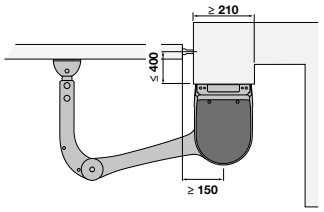
Adjustable anti-crushing arm

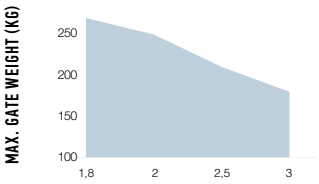
CODE	DESCRIPTION	PACK/PALLET
HK7024HS	IRREVERSIBLE 24 Vdc, FAST, WITH MAGNETIC ENCODER, COMPLETE WITH ARTICULATED ARM AND BUILT-IN CONTROL UNIT	12
HK7224HS	IRREVERSIBLE 24 Vdc, FAST, COMPLETE WITH ARTICULATED ARM WITHOUT CONTROL UNIT	12

TECHNICAL SPECIFICATIONS

CODE	HK7024HS	HK7224HS
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60HZ)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1,5	6
POWER (W)	300	140
PERFORMANCE DATA		
SPEED (rpm)	>> 2 <<	
TORQUE (Nm)	500	
WORK CYCLE (CYCLES/HOUR)	40	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	290x210x320 h	
WEIGHT (kg)	10,5	9,5

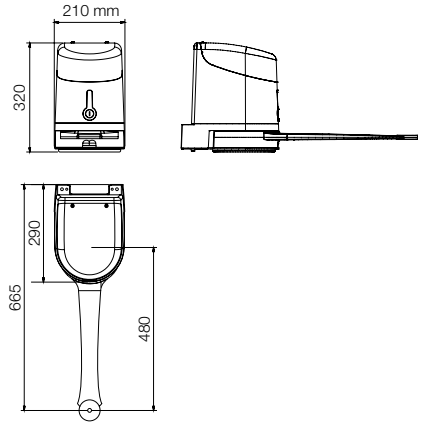
UTILISATION LIMITS



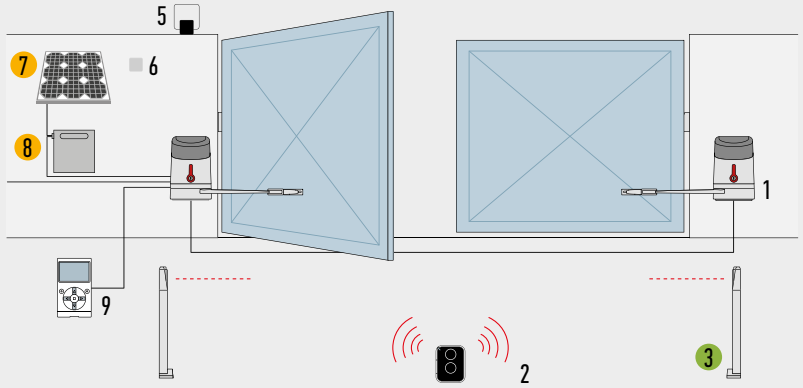


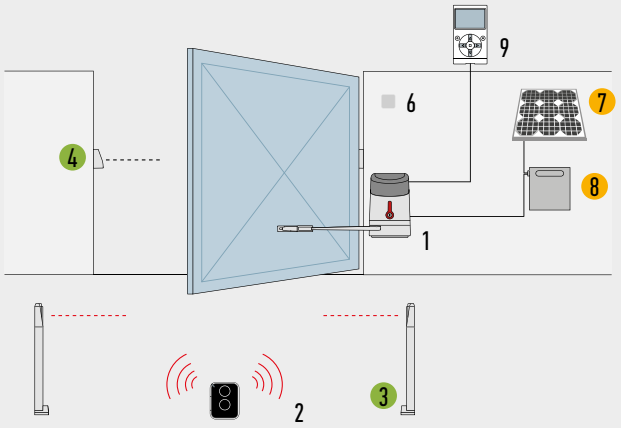
The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM





1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY (ONLY FOR PP7124)

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
HK7024HS			●	●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

HKA2
SPARE CONTROL UNIT FOR HK7024HS.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

M-FAB HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of swing gates with leaves up to 3 m or 300 kg, underground installation, ideal for residential applications.
24 Vdc electromechanical gear motor, with magnetic encoder.

Ideal for intensive use and quick manoeuvres: 90° opening in about 8* seconds.

Foundation boxes externally chamfered, Fab Box with mechanical stop on opening:

- **in stainless steel** (SFAB2024KCEI), ideal for use in extreme conditions,
- **with the cataphoresis paint finish** (MFABBOX), highly resistant to corrosion.

Reliable and resistant: motors made up of solid internal parts in metal. New IP67 waterproof die cast aluminium.

Total freedom of choice: release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

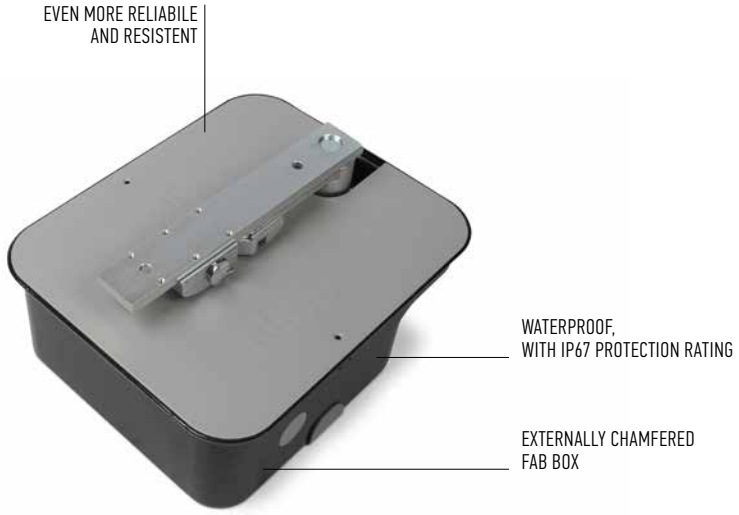
Simple to use: mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

Totally compatible with the previous Metro series.

Moonclever MC824H control unit:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

* Considering standard installation, excluding acceleration and deceleration.



CODE	DESCRIPTION	PACK/PALLET
MFAB3024HS	IRREVERSIBLE 24 Vdc, FAST, WITH MAGNETIC ENCODER, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18

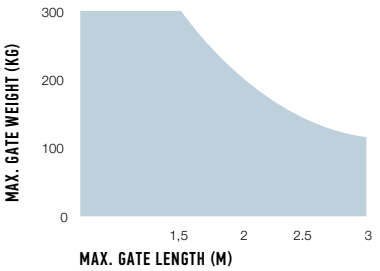
CODE	DESCRIPTION	PACK/PALLET
SFAB2024KCEI	EXTERNALLY CHAMFERED FOUNDATION BOX IN STAINLESS STEEL WITH MECHANICAL STOP ON OPENING	20
MFABBOX	EXTERNALLY CHAMFERED FOUNDATION BOX WITH CATAPHORESIS FINISH WITH MECHANICAL STOP ON OPENING	20

NOTE: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

TECHNICAL SPECIFICATIONS

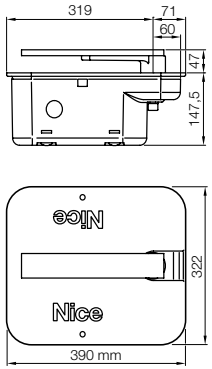
CODE	**MFAB3024HS**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	6
POWER (W)	170
PERFORMANCE DATA	
SPEED (rpm)	>> 2,6 <<
TORQUE (Nm)	180
WORK CYCLE (CYCLES/HOUR)	80
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	390x322x194 h
WEIGHT (kg)	11

UTILISATION LIMITS

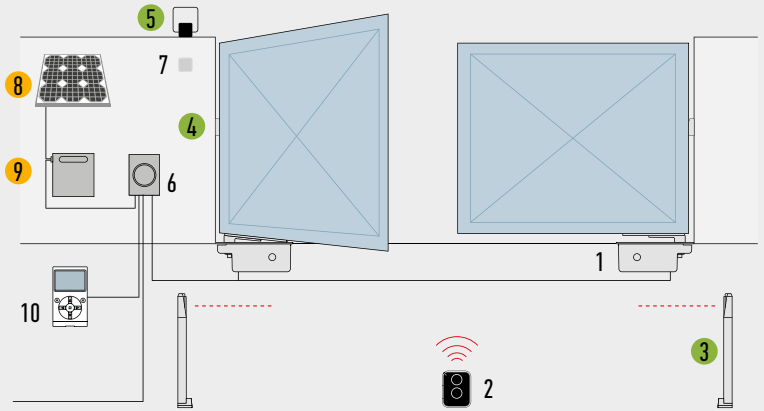


The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
MFAB3024HS									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

MEA2
KEY UNLOCK SYSTEM.

PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.

PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.

PC/PACK 4

MEA6
LIMIT SWITCH BRACKET, FOR INSTALLATIONS WHERE BOX EMBEDDING IN CONCRETE IS NOT POSSIBLE.

PC/PACK 1

MEA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 2.5 m IN LENGTH.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK .

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ROBUS 250/500 HS

SOLEMYO | OPERA | BLUEBUS | 24V

For hi-speed automation of sliding gates weighing up to 250 kg (RB250HS) and up to 500 kg (RB500HS), for residential and industrial applications.
24 Vdc electromechanical gear motor.

Ideal for intensive use, opening a 4 m gate takes around 10* seconds with RB250HS and around 9* seconds with RB500HS.

User-friendly: thanks to the Nice BlueBUS technology, the control unit can be connected to up to seven couples of photocells, control, security and signalling devices, using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside Robus.

Advanced: the temperature sensor adapts the motor power to the climatic conditions and at the same time thermal cut-out.

A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and at the end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

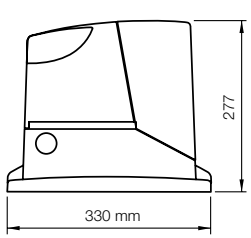
* Considering standard installation, excluding acceleration and deceleration.

CODE	DESCRIPTION	PACK/PALLET
RB250HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 250 kg	14
RB500HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 500 kg	14

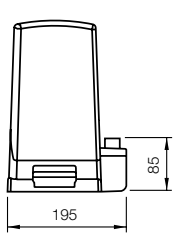
TECHNICAL SPECIFICATIONS

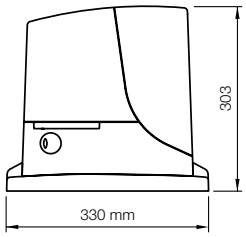
CODE	RB250HS	RB500HS
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	230
ABSORPTION (A)	2.1	2.2
POWER (W)	430	450
PERFORMANCE DATA		
SPEED (m/s)	>> 0.4 <<	>> 0.44 <<
TORQUE (Nm)	310	360
WORK CYCLE (CYCLES/HOUR)	50	20
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	330x195x277 h	330x210x303 h
WEIGHT (kg)	8	11

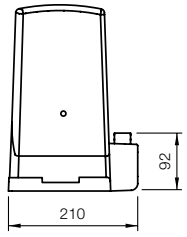
DIMENSIONS



RB250

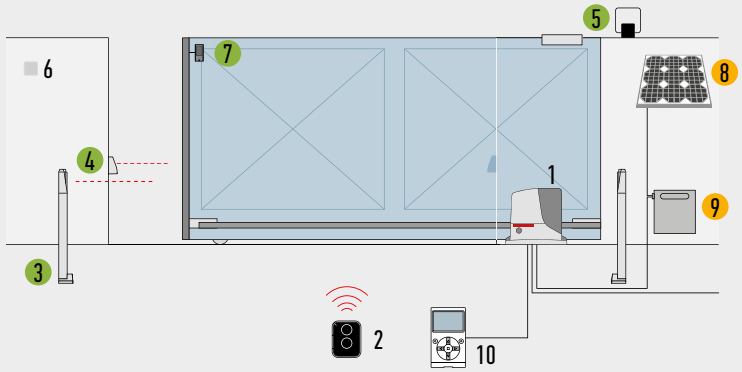






RB500

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
RB250HS			●	●	●	●	●				●	●	●			●	●			●	●
RB500HS			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RBA3/HS
SPARE CONTROL UNIT FOR RB250HS AND RB500HS.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA6
(FOR RB400)
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

RUN 400/1200 HS

OPERA | BLUEBUS | 24V

For hi-speed automation of sliding gates weighing up to 400 kg (RUN400HS) **and up to 1200 kg** (RUN1200HS), **for residential and industrial applications.**
24 Vdc electromechanical gear motor.

The fastest: ideal for industrial applications, designed for intensive use.

Rapid manoeuvres, with opening and closing; opening a 4 m gate takes around 6* seconds with RUN400HS, while opening a 7 m gate takes around 18* seconds with RUN1200HS.

User-friendly: thanks to the Nice BlueBUS technology, the control unit can be connected to up to seven couples of photocells, control, security and signalling devices, using two wires only.

Practical: the control unit and PS524 battery charger (to which two B12-B batteries should be added) can be connected by means of a simple connector and can be housed directly inside the motor.

Advanced: the temperature sensor adapts the motor power to the climatic conditions and at the same time thermal cut-out. A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and at the end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

COMPARTMENT FOR CONTROL UNIT PROTECTED BY REMOVABLE BOX

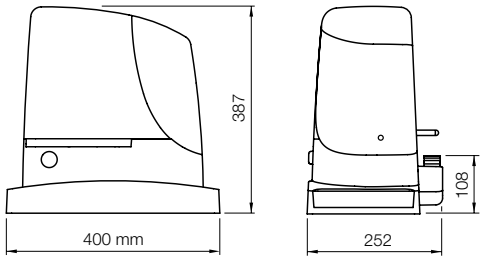
PRESSURE DIE-CAST ALUMINIUM BASE AND RELEASE, WITH EPOXY PAINTING

CODE	DESCRIPTION	PACK/PALLET
RUN400HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 400 kg	12
RUN1200HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 1200 kg	12

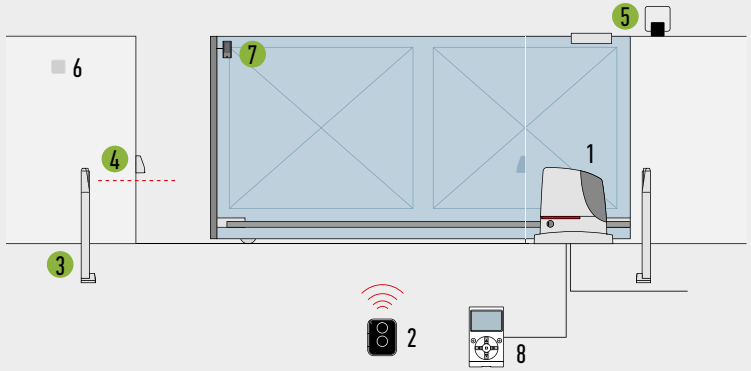
TECHNICAL SPECIFICATIONS

CODE	RUN400HS	RUN1200HS
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	230
ABSORPTION (A)	2	2
POWER (W)	415	415
PERFORMANCE DATA		
SPEED (m/s)	>> 0.7 <<	>> 0.37 <<
TORQUE (Nm)	409	790
WORK CYCLE (CYCLES/HOUR)	60	60
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	400x255x387 h	
WEIGHT (kg)	24.5	

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
RUN400HS			●	●	●	●	●				●	●	●			●	●			●	●
RUN1200HS			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RUA6
SPARE CONTROL UNIT FOR RUN400HS AND RUN1200HS.

PC/PACK 1

B12-B
12 V, 6 Ah BATTERIES.

PC/PACK 1

PS524
CHARGE CARD FOR 7 Ah BATTERIES.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA7
M4 RACK, ZINC COATED, 22X22X1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30X8X1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

ROA81
M6 RACK, 30X30X1000 mm, ZINC COATED, TO BE COUPLED WITH RUA12.

PC/PACK 1

RUA12
12-TEETH PINION, MODULE 6, TO BE COUPLED WITH RACK ROA81.
The Run automation is supplied with a module 4 pinion to be used with the standard racks ROA7 and ROA8.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SYSTEMS FOR SWING GATES

SURFACE MOUNTED	40	TOONA 4
	42	TOONA 5
	44	TOONA 7
	46	TOONAKIT
	48	WINGOKIT
	50	WINGOKIT 4024
	52	WINGO5KIT
	54	WINGOKIT 5024
	56	OLTRE 1824
SURFACE MOUNTED, WITH ARTICULATED ARM	58	WALKYKIT 1024
	60	WALKYKIT 2024
	62	HOPP
	64	HOPPKIT
	66	HYKE
	68	HYKEKIT
	70	HYPPO 7000
UNDERGROUND INSTALLATION	72	S-FAB
	74	S-FABKIT 2024
	76	S-FABKIT 2124
	78	M-FAB
	80	L-FAB
	82	BIG-FAB

SELECTION GUIDE

SURFACE MOUNTED, ALSO AVAILABLE IN KIT

TOONA HS
pages 20/23

TOONA, TOONAKIT
pages 40/47

- for leaves up to 3 m
  - 24 Vdc version with magnetic encoder, irreversible, with mechanical stop on opening. Compatible with control units with BlueBUS technology, Solemyo and Opera
    - → **TO4024**
    - KIT → **TOONA4024KCE**
  - 230 Vac
    - irreversible
      - increased speed
        - with limit switch on opening → **TO4005**
        - with limit switch on opening and closing → **TO4006**
      - cruising speed, with limit switch on opening → **TO4015**
    - reversible, increased speed, with limit switch on opening → **TO4605**
- for leaves up to 5 m
  - 24 Vdc version with magnetic encoder, irreversible, with mechanical stop on opening. Compatible with control units with BlueBUS technology, Solemyo and Opera
    - → **TO5024**
    - Hi-Speed → **TO5024HS**
    - for intensive use → **TO5024I**
  - 230 Vac
    - irreversible, cruising speed
      - with limit switch on opening → **TO5015**
      - with limit switch on opening and closing → **TO5016**
    - reversible, increased speed → with limit switch on opening → **TO5605**
- for leaves up to 6 m → 24 Vdc version with magnetic encoder, irreversible, with mechanical stop on opening. Compatible with control units with BlueBUS technology, Solemyo and Opera → Hi-Speed → **TO6024HS**
- for leaves up to 7 m → 24 Vdc version with magnetic encoder, irreversible, with mechanical stop on opening. Compatible with control units with BlueBUS technology, Solemyo and Opera → **TO7024**

WINGO HS
pages 24/25

WINGOKIT
pages 48/55

- for leaves up to 2 m
  - 24 Vdc, irreversible, increased speed. Compatible for operation with Solemyo → **WINGO4024KCE**
  - 230 Vac → **WINGOKCE/A60**
- for leaves up to 3 m → 24 Vdc version with magnetic encoder, irreversible, with mechanical stop on opening. Compatible with control units with BlueBUS technology, Solemyo and Opera → Hi-Speed → **WG3524HS**
- for leaves up to 3,5 m
  - 24 Vdc, irreversible, increased speed. Compatible for operation with Solemyo → **WINGO5024KCE**
  - 230 Vac → **WINGO5KCE**

A MONTAGGIO INTEGRABILE SU COLONNA

For swing gates weighing up to 100 kg and with a leaf length of up to 1.8 m. 24 Vdc irreversible electromechanical gear motor. Dedicated control unit with BlueBUS technology, Solemyo and Opera.
OLTRE
pages 56/57

NEW

→ **OLTRE 1824**

SURFACE MOUNTED, WITH ARTICULATED ARM, RECOMMENDED FOR SMALL POSTS, IN KIT

For leaves up to 1.8 m, 24 Vdc irreversible with built-in control unit equipped with BlueBUS technology, compatible for operation with Solemyo and Opera. Mechanical limit switch on closing.
WALKYKIT
pages 58/61

- for 1-leaf → **WALKY1024KCE**
- for 2-leaf → **WALKY2024KCE**

SURFACE MOUNTED, ARTICULATED ARM, ALSO FOR LARGE SIZE POSTS AND LIGHTWEIGHT STRUCTURES, ALSO AVAILABLE IN KIT

For leaves up to 2.4 m, 24 Vdc, irreversible. Control units compatible with Solemyo. With limit switch on opening.
HOPP
HOPPKIT
pages 62/65

- integrated control unit, with BlueBUS technology, Solemyo and Opera → **HO7124**
- without control unit → **HO7224**
- **KIT** → **HOPPKCE**

SELECTION GUIDE

SURFACE MOUNTED, ARTICULATED ARM, FOR LARGE SIZE POSTS

HYKE HS
pages 26/27

HYKE, HYKEKIT
pages 66/69

- for leaves up to 3 m — 24 Vdc, irreversible, with limit switch on opening and closing — Hi-Speed
  - integrated control unit, with BlueBUS technology, Solemyo and Opera → **HK7024HS**
  - without built-in control unit → **HK7224HS**
- for leaves up to 3,5 m — 24 Vdc, irreversible, with limit switch on opening and closing
  - integrated control unit, with BlueBUS technology, Solemyo and Opera → **HK7024**
  - without built-in control unit → **HK7224**
  - **KIT** → **HYKEKCE**

For leaves up to 3 m, irreversible.
HYPPO
pages 70/71

- 230 Vac with limit switch on opening and closing → **HY7005**
- 24 Vdc version with magnetic encoder. Compatible with control units with BlueBUS technology, Solemyo and Opera → **HY7024**

UNDERGROUND INSTALLATION

For leaves up to 2.3 m, 24 Vdc irreversible, mechanical limit switches on opening and closing.
S-FAB
S-FABKIT
pages 72/77

- compatible with control units for operation with Solemyo → **SFAB2024**
  - **KIT** → **SFAB2024KCE**
- with magnetic encoder, compatible with control units using BlueBUS technology, Solemyo and Opera → **SFAB2124**
  - **KIT** → **SFAB2124KCE**

UNDERGROUND INSTALLATION

For leaves up to 3 m
irreversible.

M-FAB HS
pages 28/29

M-FAB
pages 78/79

- 24 Vdc version with magnetic encoder. Compatible with control units with BlueBUS technology, Solemyo and Opera
  - → **MFAB3024**
  - Hi-Speed → **MFAB3024HS**
- 230 Vac, grease lubrication
  - increased speed → **MFAB3000**
  - cruising speed → **MFAB3000L**

For leaves up to 4 m
irreversible.
L-FAB
pages 80/81

- 24 Vdc version with magnetic encoder. Compatible with control units with BlueBUS technology, Solemyo and Opera → **LFAB4024**
- 230 Vac → **LFAB4000**

For leaves up to 5 m, irreversible,
24 Vdc version with magnetic encoder.
Compatible with control units
with BlueBUS technology,
Solemyo and Opera
BIG-FAB
pages 82/83

→ **BFAB5024**

TOONA 4

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For swing gates with leaves up to 3 m.
Electromechanical gear motor, surface mounted.
Also available in 24 Vdc version, with magnetic encoder.
Ideal for residential use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

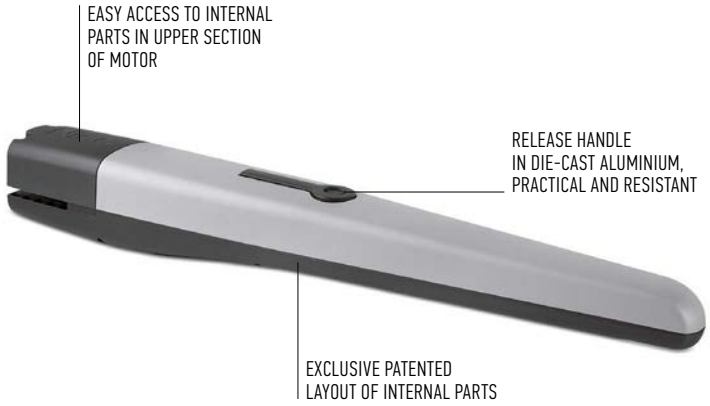
Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance; with built-in capacitor.

Recommended control units:
Mindy A6F, A60, A700F; for T04024 Moonclever MC824H.

24 Vdc version with magnetic encoder.
Perfect for intensive use, compatible with the control unit Moonclever MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



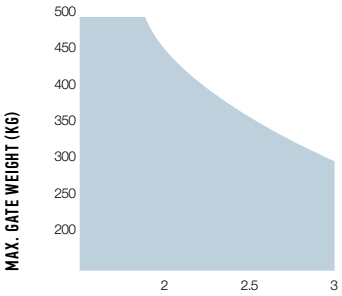
CODE	DESCRIPTION	PACK/PALLET
T04024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING	20
T04005	IRREVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20
T04006	IRREVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING AND CLOSING	20
T04015	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING	20
T04605	REVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20

TECHNICAL SPECIFICATIONS

CODE	T04024	T04005	T04006	T04015	T04605
ELECTRICAL DATA					
POWER SUPPLY (Vac 50 Hz)*	-	230			
POWER SUPPLY (Vdc)	24	-			
ABSORPTION (A)	5	1.5			1.3
POWER (W)	120	340			300
PERFORMANCE DATA					
SPEED (m/s)	0.016			0.013	0.016
FORCE (N)	1800				
WORK CYCLE (CYCLES/HOUR)	95**	58		54	50
DIMENSIONAL AND GENERAL DATA					
PROTECTION LEVEL (IP)	44				
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50				
DIMENSIONS (mm)	820x115x105 h				
WEIGHT (kg)	6				

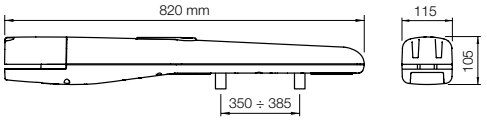
*60 Hz version available on request.
** With optimal installation.

UTILISATION LIMITS

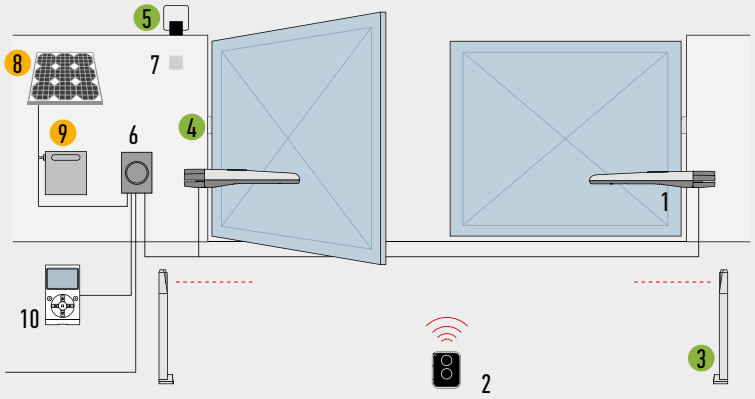


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
T04024									●		●	●	●	●				●	●	●			●				●	●
T04005			●	●	●						●	●	●	●	●	●	●				●	●			●			
T04006			●	●	●						●	●	●	●	●	●	●				●	●			●			
T04015			●	●	●						●	●	●	●	●	●	●				●	●			●			
T04605			●	●	●						●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA6
REAR BRACKET
250 mm LONG.

PC/PACK 1

PLA14
SCREW-ADJUSTABLE
REAR BRACKET.

PC/PACK 2

PLA15
SCREW-ADJUSTABLE
FRONT BRACKET.

PC/PACK 2

PLA10
VERTICAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA13
MECHANICAL TRAVEL STOPS
FOR CLOSING OR OPENING
MANOEUVRES.

PC/PACK 4

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO
AUTOMATE GATES, GARAGE
DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TOONA 5

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For swing gates with leaves up to 5 m.
Electromechanical gear motor, surface mounted.
Also available in 24 Vdc version,
with magnetic encoder.
Ideal for residential and industrial use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

T05024I ideal for intensive work load, thanks to the torque of 2200 Nm, can work on continuous duty on large sized gates.

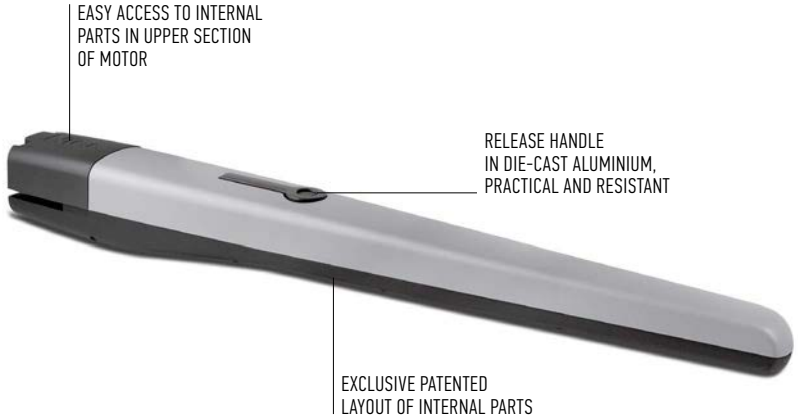
Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance, with built-in capacitor.

Recommended control units:
Mindy A6F, A60, A700F;
for T05024 and T05024I Moonclever MC824H.

24 Vdc version with magnetic encoder.
Perfect for intensive use, compatible with the control unit Moonclever MC824H:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



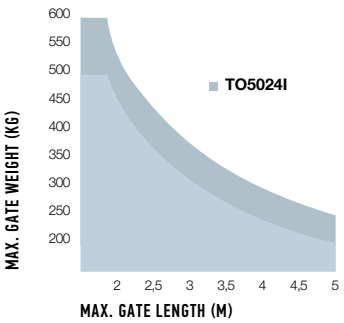
CODE	DESCRIPTION	PACK/PALLET
T05024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING	20
T05024I	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING; FOR INTENSIVE USE	20
T05015	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING	20
T05016	IRREVERSIBLE, 230 Vac, CRUISING SPEED, WITH LIMIT SWITCH ON OPENING AND CLOSING	20
T05605	REVERSIBLE, 230 Vac, INCREASED SPEED, WITH LIMIT SWITCH ON OPENING	20

TECHNICAL SPECIFICATIONS

CODE	T05024	T05024I	T05015	T05016	T05605
ELECTRICAL DATA					
POWER SUPPLY (Vac 50 Hz)*	-		230		
POWER SUPPLY (Vdc)	24		-		
ABSORPTION (A)	5		1.5		1.3
POWER (W)	120		340		300
PERFORMANCE DATA					
SPEED (m/s)	0.016	0.013			0.016
FORCE (N)	1800	2200	1800		
WORK CYCLE (CYCLES/HOUR)	95**	75***	54		50
DIMENSIONAL AND GENERAL DATA					
PROTECTION LEVEL (IP)	44				
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50				
DIMENSIONS (mm)	965x115x105 h				
WEIGHT (kg)	7				

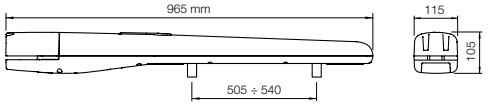
*60 Hz version available on request.
** With optimal installation.
*** The reduction in number of manoeuvres with respect to the version T05024 depends solely on the lower manoeuvre speed.

UTILISATION LIMITS

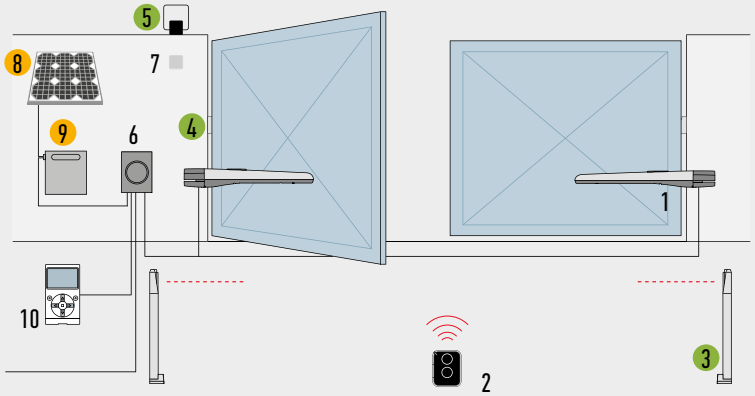


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.
Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
T05024									●		●	●	●	●				●	●	●			●				●	●
T05024I									●		●	●	●	●				●	●	●			●				●	●
T05015			●	●	●						●	●	●	●	●	●	●				●	●			●			
T05016			●	●	●						●	●	●	●	●	●	●				●	●			●			
T05605			●	●	●						●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA6
REAR BRACKET
250 mm LONG.

PC/PACK 1

PLA8
SCREW-ADJUSTABLE
FRONT BRACKET.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA13
MECHANICAL TRAVEL STOPS
FOR CLOSING AND OPENING
MANOEUVRES.

PC/PACK 4

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO
AUTOMATE GATES, GARAGE
DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TOONA 7

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 7 m.
Electromechanical gear motor, surface mounted, powered at 24 Vdc, with magnetic encoder. Ideal for industrial installations, designed for intensive use.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

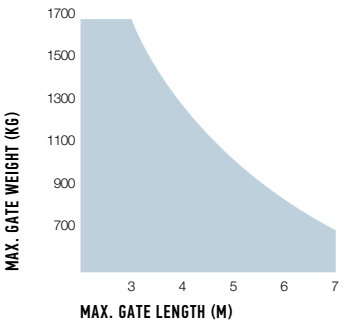
Moonclever MC824H control unit:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

CODE	DESCRIPTION	PACK/PALLET
T07024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, MECHANICAL STOP ON OPENING AND CLOSING	20

TECHNICAL SPECIFICATIONS

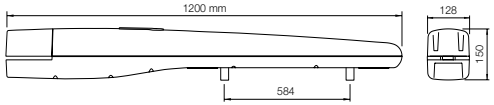
CODE	T07024
ELECTRICAL DATA	
POWER SUPPLY (Vac 50 Hz)	-
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	0.013
FORCE (N)	2700
WORK CYCLE (CYCLES/HOUR)	41
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	1200x128x150 h
WEIGHT (kg)	15

UTILISATION LIMITS

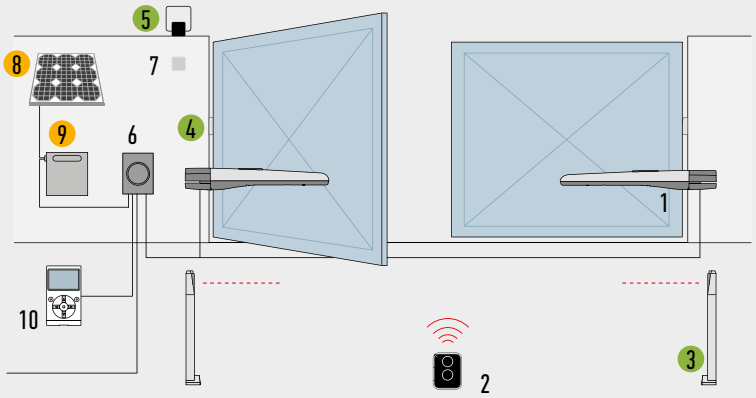


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
T07024									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TOONAKIT

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 3 m,
ideal for residential use.
Electromechanical gear motor, surface mounted, powered at 24 Vdc, with magnetic encoder.

Reliable: durability thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Ease of installation and maintenance.

Moonclever MC824H control unit:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
TOONA4024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 3 m, 24 Vdc, SURFACE MOUNTED	12

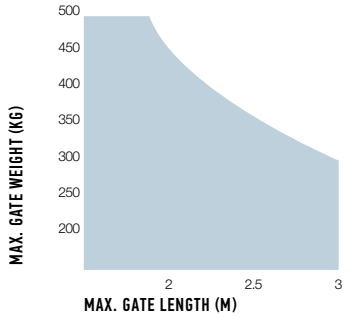
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	**T04024**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (m/s)	0.016
FORCE (N)	1800
WORK CYCLE (CYCLES/HOUR)	95*
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	820x115x105 h
WEIGHT (kg)	6

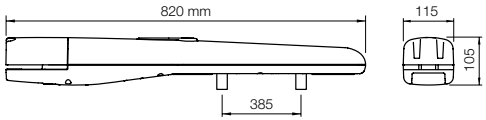
* With optimal installation.

UTILISATION LIMITS



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



THE KIT CONTAINS:

T04024
2 ELECTROMECHANICAL IRREVERSIBLE GEAR MOTORS, SURFACE MOUNTED.
WITH MECHANICAL STOP ON OPENING.

ON2E
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

MC824H
1 CONTROL UNIT
WITH OXI PLUG-IN RECEIVER.

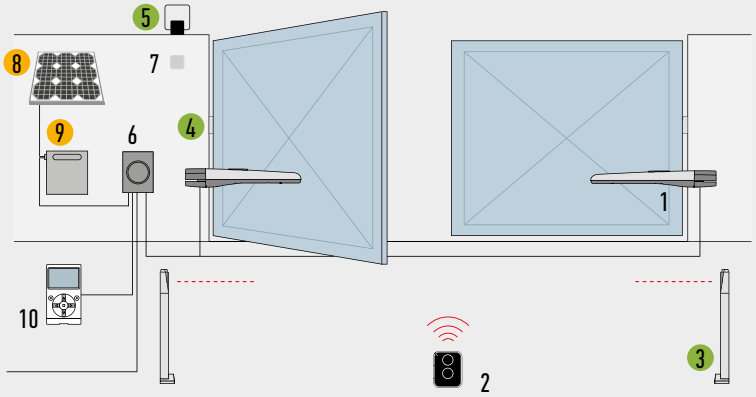
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

ELB
1 FLASHING LIGHT
WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

Total interchangeability with the series Moby: identical positions and fixing brackets

PLA6
REAR BRACKET
250 mm LONG.

PC/PACK 1

PLA14
SCREW-ADJUSTABLE
REAR BRACKET.

PC/PACK 2

PLA15
SCREW-ADJUSTABLE
FRONT BRACKET.

PC/PACK 2

PLA10
VERTICAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK
(REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA13
MECHANICAL TRAVEL STOPS
FOR CLOSING AND OPENING
MANOEUVRES.

PC/PACK 4

PS324
24 V BATTERY
WITH INTEGRATED
BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO
AUTOMATE GATES, GARAGE
DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

WINGOKIT

230V

For swing gates with leaves up to 2 m, surface mounted.

Reliable and silent:
patented layout of internal parts, fewer moving parts.

Easy to install: after the gear motor has been assembled, all electrical connections are made from above.

Built-in capacitor.

User-friendly release with personalised Nice key and standard lock included.

Pre-assembled, travel stops on opening.

A60 control unit for two 230 Vac motors with electronic clutch and slowdown, IP55 casing.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
WINGOKCE/A60	KIT FOR SWING GATES WITH LEAVES UP TO 2 m, SURFACE MOUNTED	12

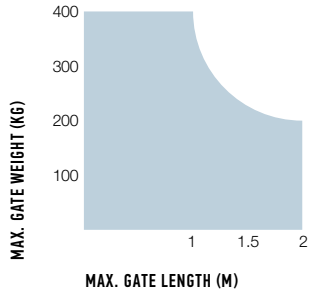
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

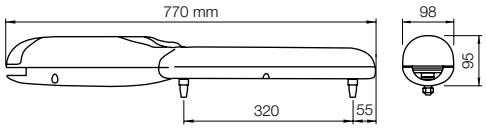
CODE	**WG4000**
ELECTRICAL DATA	
POWER SUPPLY (Vac 50 Hz)*	230
ABSORPTION (A)	1.5
POWER (W)	200
PERFORMANCE DATA	
SPEED (m/s)	0.016
FORCE (N)	1500
WORK CYCLE (CYCLES/HOUR)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	770x98x95 h
WEIGHT (kg)	6

*60 Hz version available on request.

UTILISATION LIMITS



DIMENSIONS



THE KIT CONTAINS:

WG4000
2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS, WITH NICE KEY RELEASE AND MECHANICAL STOP ON OPENING.

FLO2RE
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

A60
1 CONTROL UNIT A60
WITH SMXI PLUG-IN RECEIVER.

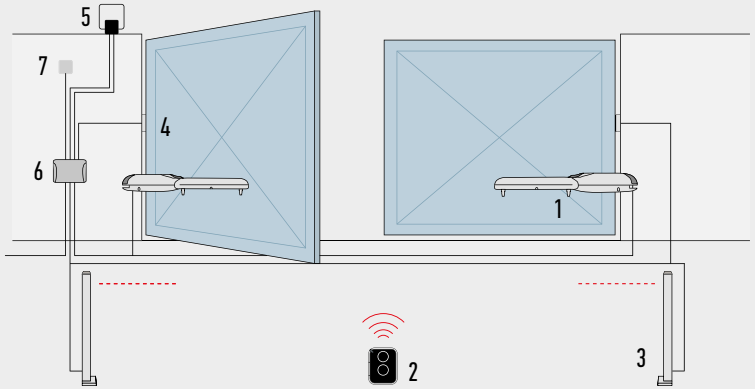
EPM
1 PAIR OF PHOTOCELLS
FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH
FOR OUTDOOR INSTALLATION.

EL
1 FLASHING LIGHT WITH
INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES

ACCESSORIES

PLA14
SCREW-ADJUSTABLE REAR BRACKET.

PC/PACK 2

PLA15
SCREW-ADJUSTABLE FRONT BRACKET.

PC/PACK 2

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

WINGOKIT 4024

SOLEMYO | 24V

For swing gates with leaves up to 2 m, surface mounted.
24 Vdc electromechanical gear motor.

Reliable and silent:
patented layout of internal parts, fewer moving parts.

Easy to install: after the gear motor has been assembled, all electrical connections are made from above.

User-friendly release with personalised Nice key and standard lock included.

Pre-assembled, travel stops on opening.

Moonclever control unit MC424L:
- simple programming, by means of a single key;
- clutch with anti-crush safety feature;
- automatic memorization of limit switches on opening and closing with self-learning function;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection system;
- can be linked to the 8.2 KOhm resistive sensitive edge;
- continues to work even during power failures using optional (PS124) batteries that fit inside the control unit.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

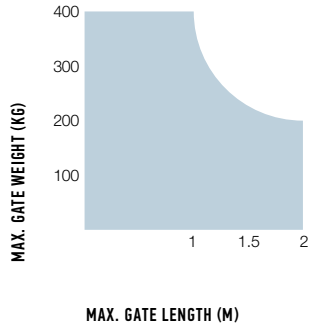
CODE	DESCRIPTION	PACK/PALLET
WINGO4024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2 m, 24 Vdc, SURFACE MOUNTED	12

N.B. The content of the package may vary: consult the retailer.

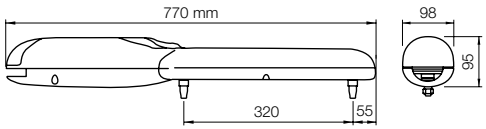
TECHNICAL SPECIFICATIONS

CODE	WG4024
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	3.5
POWER (W)	85
PERFORMANCE DATA	
SPEED (m/s)	0.018
FORCE (N)	1500
WORK CYCLE (CYCLES/HOUR)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	770x98x95 h
WEIGHT (kg)	6

UTILISATION LIMITS



DIMENSIONS



THE KIT CONTAINS:

WG4024
2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS, WITH NICE KEY RELEASE AND MECHANICAL STOP ON OPENING.

FLO2RE
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

MC424L
1 CONTROL UNIT WITH SMXI PLUG-IN RECEIVER.

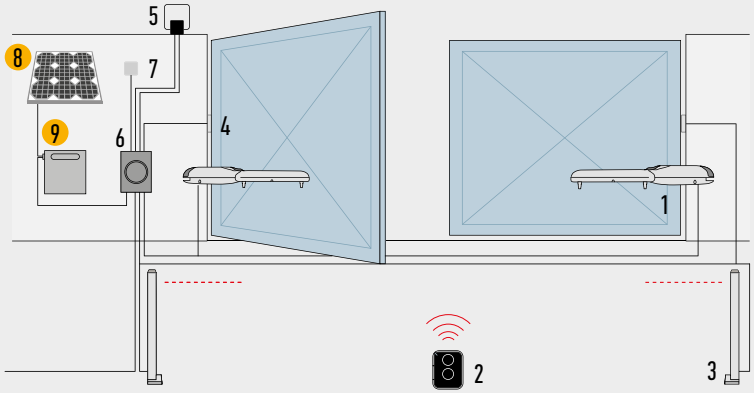
EPM
1 PAIR OF PHOTOCELLS FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

EL24
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX

● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA14
SCREW-ADJUSTABLE REAR BRACKET.

PC/PACK 2

PLA15
SCREW-ADJUSTABLE FRONT BRACKET.

PC/PACK 2

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

WINGO5KIT

230V

For swing gates with leaves up to 3.5 m, surface mounted.

Reliable and silent:
patented layout of internal parts, fewer moving parts.

Easy to install: after the gear motor has been assembled, all electrical connections are made from above.

Built-in capacitor.

User-friendly release with personalised Nice key or standard lock (optional).

Pre-assembled, travel stops on opening.

A60 control unit for two 230 Vac motors with electronic clutch and slowdown, IP55 casing.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
WINGO5KCE	KIT FOR SWING GATES WITH LEAVES UP TO 3.5 m, SURFACE MOUNTED	12

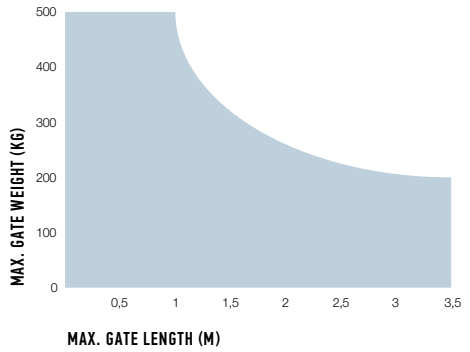
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

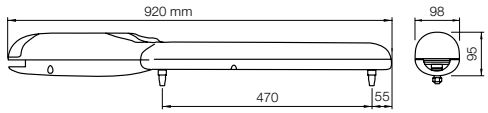
CODE	WG5000
ELECTRICAL DATA	
POWER SUPPLY (Vac 50 Hz)*	230
ABSORPTION (A)	1.5
POWER (W)	200
PERFORMANCE DATA	
SPEED (m/s)	0.013
FORCE (N)	1700
WORK CYCLE (CYCLES/HOUR)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	920x98x95 h
WEIGHT (kg)	6

*60 Hz version available on request.

UTILISATION LIMITS



DIMENSIONS



THE KIT CONTAINS:

WG5000
2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS, WITH NICE KEY RELEASE AND MECHANICAL STOP ON OPENING.

FLO2RE
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

A60
1 CONTROL UNIT WITH SMXI PLUG-IN RECEIVER.

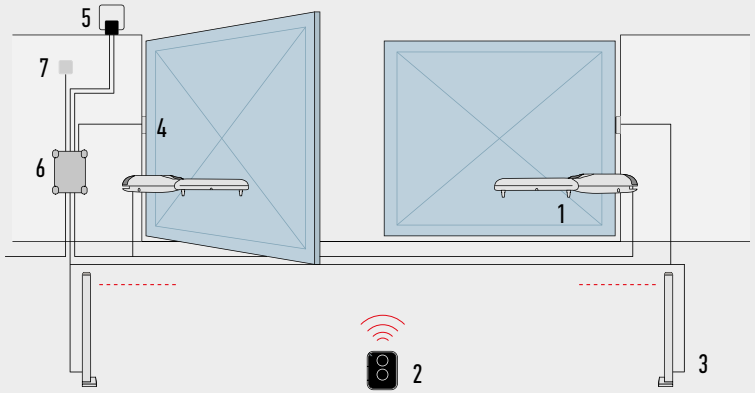
EPM
1 PAIR OF PHOTOCELLS FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

EL
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES

ACCESSORIES

PLA6
REAR BRACKET
250 mm LONG.

PC/PACK 1

PLA8
SCREW-ADJUSTABLE
FRONT BRACKET.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC
LOCK (REQUIRED FOR GATES
LONGER THAN 3 m).

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

WINGOKIT 5024

SOLEMYO | 24V

For swing gates with leaves up to 3.5 m, surface mounted.
24 Vdc electromechanical gear motor.

Reliable and silent:
patented layout of internal parts, fewer moving parts.

Easy to install: after the gear motor has been assembled, all electrical connections are made from above.

User-friendly release with personalised Nice key or standard lock (optional).

Pre-assembled, travel stops on opening.

Mooncler control unit MC424L:
- simple programming, by means of a single key;
- clutch with anti-crush safety feature;
- automatic memorization of limit switches on opening and closing with self-learning function;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection system;
- can be linked to the 8.2 KOhm resistive sensitive edge;
- continues to work even during power failures using optional (PS124) batteries that fit inside the control unit.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

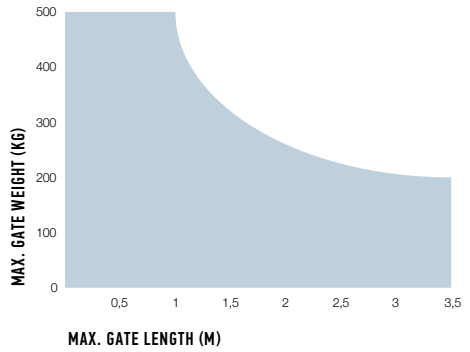
CODE	DESCRIPTION	PACK/PALLET
WINGO5024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 3.5 m, 24 Vdc, SURFACE MOUNTED	12

N.B. The content of the package may vary: consult the retailer.

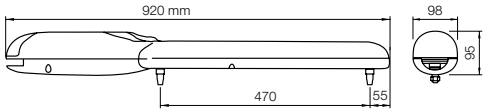
TECHNICAL SPECIFICATIONS

CODE	**WG5024**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	3.5
POWER (W)	85
PERFORMANCE DATA	
SPEED (m/s)	0.016
FORCE (N)	1500
WORK CYCLE (CYCLES/HOUR)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	920x98x95 h
WEIGHT (kg)	6

UTILISATION LIMITS



DIMENSIONS



THE KIT CONTAINS:

WG5024
2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS, WITH NICE KEY RELEASE AND MECHANICAL STOP ON OPENING.

FLO2RE
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

MC424L
1 CONTROL UNIT WITH SMXI PLUG-IN RECEIVER.

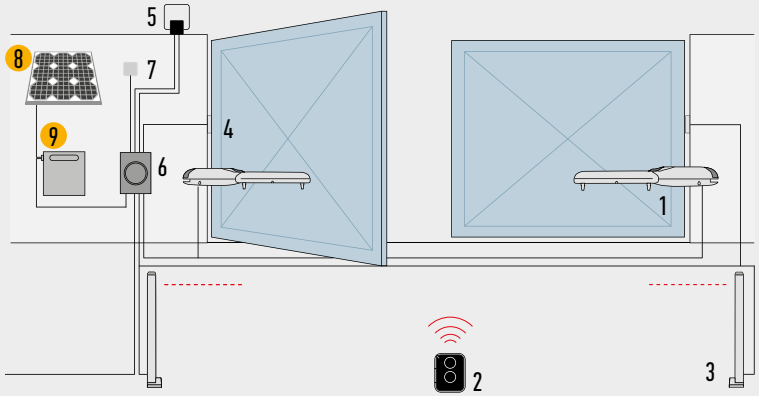
EPM
1 PAIR OF PHOTOCELLS FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

EL24
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX

● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA6
REAR BRACKET 250 mm LONG.

PC/PACK 1

PLA8
SCREW-ADJUSTABLE FRONT BRACKET.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

OLTRE 1824

NEW | SOLEMYO | OPERA | BLUEBUS | 24V

The invisible Nice motor for swing gates weighing up to 100 kg and with a leaf length of up to 1.8 m.
24 VDC irreversible electromechanical gear motor.

Minimum visual impact
The motor is small enough to be easily installed inside the profiles of the gate leaf or in very slim posts (with a minimum diameter of 55 mm).

Easy to install
The bottom-up installation simplifies fixing of the motor inside the post.

Resistant
IP67 die-cast aluminium structure:
Oltre resists even the harshest weather conditions.

Quick and reliable
Complete opening (90°) of the leaf in about 10 seconds.
Oltre has been tested for use at 60 cycles/hour, making it suitable for all contexts with intensive use.

Safe
Easy-to-use external manual release: the gate can always be opened manually, without having to take it apart.

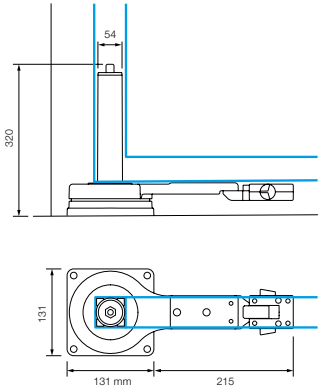
Dedicated Moonclever MC824L control unit:
- easy to programme;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration during opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of resistive sensitive edges.

CODE	DESCRIPTION	PACK/PALLET
OLTRE1824	24 Vdc IRREVERSIBLE FOR INSTALLATION ON POST OR LEAF PROFILE, WITH RELEASE LEVER	20

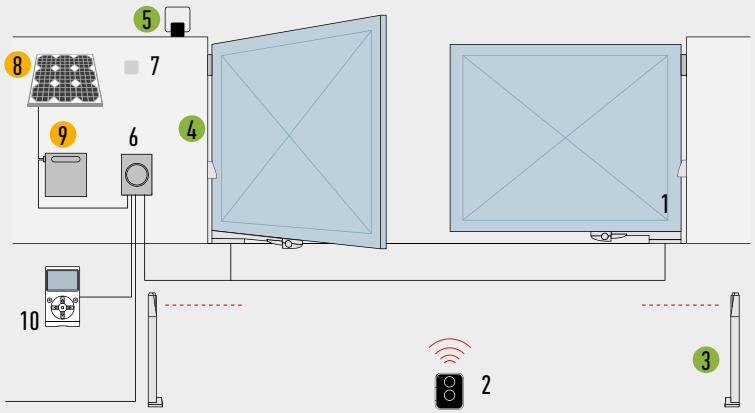
TECHNICAL SPECIFICATION

CODE	**OLTRE1824**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
CURRENT DRAW (A)	1
POWER (W)	25
PERFORMANCE DATA	
SPEED (rpm)	1.5
TORQUE (Nm)	150
WORKING CYCLE (CYCLES/HOUR)	60
DIMENSIONAL AND GENERAL DATA	
PROTECTION CLASS (IP)	67
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	305x145x346 h
WEIGHT (kg)	5.5

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY-OPERATED SELECTOR SWITCH
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE IN WIRELESS VERSION Solemyo Air Net System
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / built-in*	A02 / built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824L / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
OLTRE1824									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver not compatible with the Opera system

ACCESSORIES

PS324
24 V BATTERY WITH BUILT-IN CHARGER

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

WALKYKIT 1024

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 1.8 m.
Especially suited to gates in wood or PVC.
Irreversible electromechanical gear motor at 24 Vdc, with articulated arm.

Ultra compact: ideal for pedestrian gates, recommended for small posts (width 8 cm).

Safe: thanks to the irreversible motor and anti-shear arm with built-in mechanical stop on closure (with installation of entire arm).

Practical: the articulated arm enables installation in specific conditions, such as in the presence of small walls or obstacles adjacent to the post.

Quick: no waiting in front of the gate, just 7 seconds to open or close (in optimal installation conditions, with reduced arm and 90° opening).

Convenient: incorporable flashing LED indicator, with courtesy light function (WLT, optional); rapid motor release for manual movement of the gate.

Built-in control unit:
- simple programming;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- provision for connection of latest generation resistive sensitive edges.

No black out: operation in the event of a power failure by means of optional batteries (PS424) housed inside the motor.

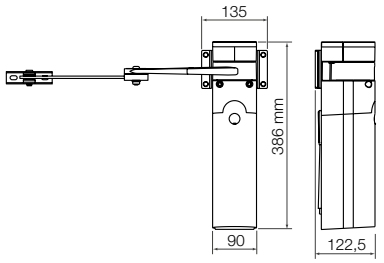
CODE	DESCRIPTION	PACK/PALLET
WALKY1024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 1.8 m, 24 Vdc, SURFACE MOUNTED	18

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

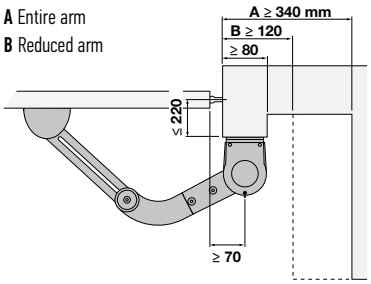
CODE	WL1024C
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
POWER SUPPLY (Vdc)	-
ABSORPTION (A)	0.8
POWER (W)	120
PERFORMANCE DATA	
SPEED (rpm)	1.5 - 2.2
TORQUE (Nm)	120
WORK CYCLE (CYCLES/HOUR)	50
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°
DIMENSIONS (mm)	90x125x385 h
WEIGHT (kg)	4.8

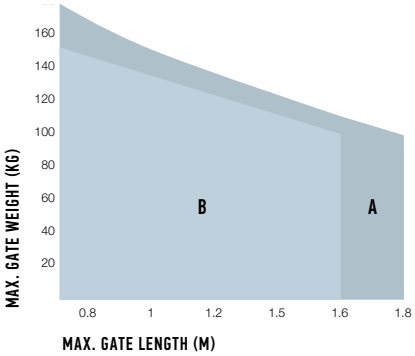
DIMENSIONS



UTILISATION LIMITS

A Entire arm
B Reduced arm





The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

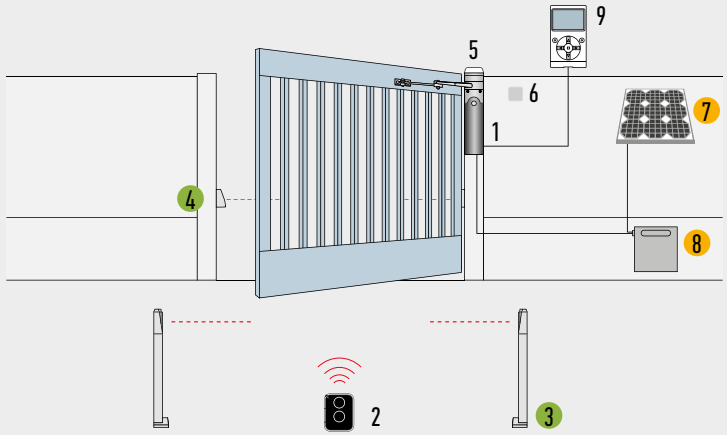
THE KIT CONTAINS:

WL1024C
1 ELECTROMECHANICAL GEAR MOTOR, SURFACE MOUNTED, WITH BUILT-IN CONTROL UNIT AND OXI PLUG-IN RECEIVER.

ON2E
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

WLA1
SPARE CONTROL UNIT, FOR WL1024C.

PS424
BUFFER BATTERY.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

WLT
MULTI-FUNCTION LED INDICATOR.
SEE PAGE 199

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

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WALKYKIT 2024

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 1.8 m.
Especially suited to gates in wood or PVC.
Irreversible electromechanical gear motor at 24 Vdc, with articulated arm.

Ultra compact: ideal for pedestrian gates, recommended for small posts (width 8 cm).

Safe: thanks to the irreversible motor and anti-shear arm with built-in mechanical stop on closure (with installation of entire arm).

Practical: the articulated arm enables installation in specific conditions, such as in the presence of small walls or obstacles adjacent to the post.

Quick: no waiting in front of the gate, just 7 seconds to open or close (in optimal installation conditions, with reduced arm and 90° opening).

Convenient: incorporable flashing LED indicator, with courtesy light function (WLT, optional); rapid motor release for manual movement of the gate.

Built-in control unit:
- simple programming;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- provision for connection of latest generation resistive sensitive edges.

No black out: operation in the event of a power failure by means of optional batteries (PS424) housed inside the motor.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

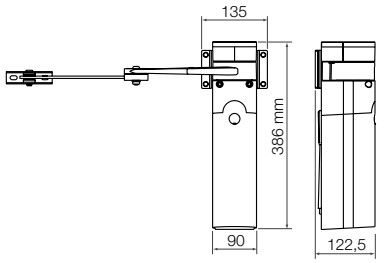
CODE	DESCRIPTION	PACK/PALLET
WALKY2024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 1.8 m, 24 Vdc, WITH ARTICULATED ARM, SURFACE MOUNTED	18

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

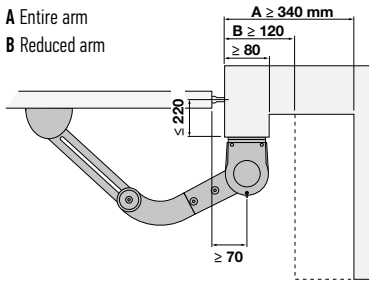
CODE	WL1024C	WL1024
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	0.8	2
POWER (W)	120	30
PERFORMANCE DATA		
SPEED (rpm)	1.5 - 2.2	
TORQUE (Nm)	120	
WORK CYCLE (CYCLES/HOUR)	50	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°	
DIMENSIONS (mm)	90x125x385 h	
WEIGHT (kg)	4.8	4.3

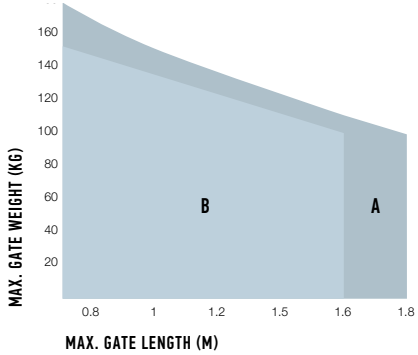
DIMENSIONS



UTILISATION LIMITS

A Entire arm
B Reduced arm





The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

THE KIT CONTAINS:

WL1024C + WL1024
2 ELECTROMECHANICAL GEAR MOTORS, SURFACE MOUNTED.
WL1024C (WITH CONTROL UNIT AND OXI PLUG-IN RECEIVER), WL1024 (WITHOUT CONTROL UNIT).

ON2E
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

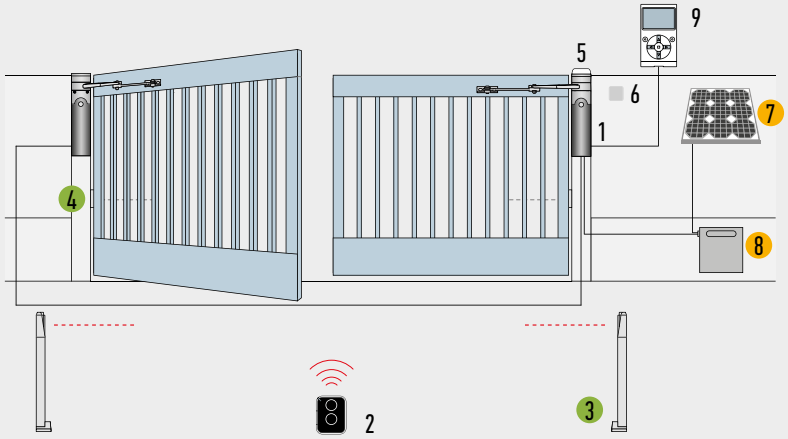
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

WLT
1 FLASHING LIGHT.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

WLA1
SPARE CONTROL UNIT, FOR WL1024C.

PS424
BUFFER BATTERY.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

WLT
MULTI-FUNCTION LED INDICATOR.
SEE PAGE 199

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

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HOPP

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 2.4 m, ideal for large columns.
Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted.
Ideal for intensive use.

Two irreversible 24 Vdc versions with micrometric adjustment mechanical stops on opening and closing: with built-in control unit (HO7124) and without control unit (HO7224).

Powerful thanks to the 250 Nm torque.

Resistant and compact: 180 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

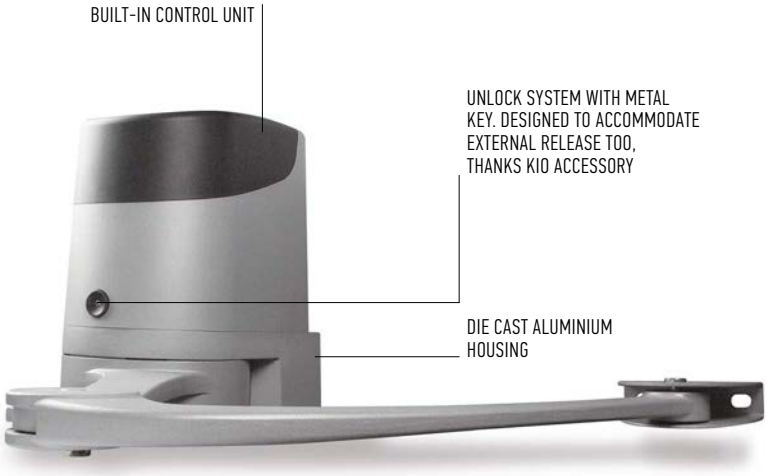
Sturdy, aluminium anti-shearing arm.

Easy to install: thanks to the new fixing bracket with quick connector for the motor. No welding.

Sophisticated electronics with the built-in control unit, just 3 keys to manage all programming operations:
- obstacle detection and possibility of connecting to 8.2 KOhm sensitive edge, fototest;
- automatic fault diagnostics;
- memorisation of opening and closing travel limits in self-learning mode;
- possibility of configuring the stop input in self-learning mode, NO, NC and the latest generation 8.2 KOhm resistive sensitive edges:
- deceleration on opening and closing;
- simple connection of pairs of additional photocells, foto2;
- programming of pause time;
- pedestrian open and partial open;
- clutch with anti-crushing safety mechanism.

Energy saving with no black outs:
3 standby modes to reduce mains consumption, or battery power consumption if connected to the Solemyo kit.
Operation in the event of a power failure thanks to the optional batteries (PS124).

Everything under control: thanks to compatibility for operation with Opera system BUS T4, the unit can be used to expand the options of programming, control and diagnostics of the automation on site and remotely.



CODE	DESCRIPTION	PACK/PALLET
HO7124	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM AND BUILT-IN CONTROL UNIT	12
HO7224	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM WITHOUT CONTROL UNIT	12

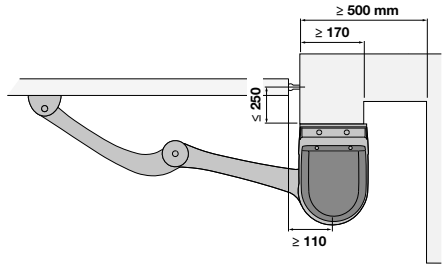
N.B. The content of the package may vary: consult the retailer.

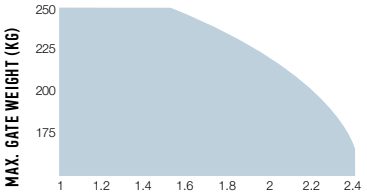
TECHNICAL SPECIFICATIONS

CODE	HO7124	HO7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.3	4
POWER (W)	280	100
PERFORMANCE DATA		
SPEED (rpm)	1.68	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)	35	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	252x180x290 h	
WEIGHT (kg)	9	6.5

* Version without control unit, only if associated with PP7124

UTILISATION LIMITS

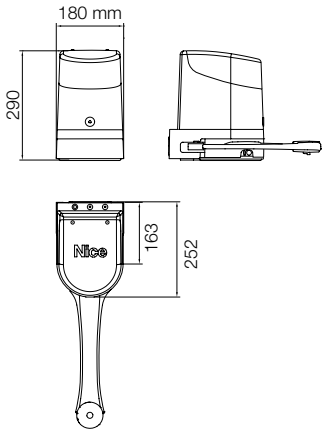




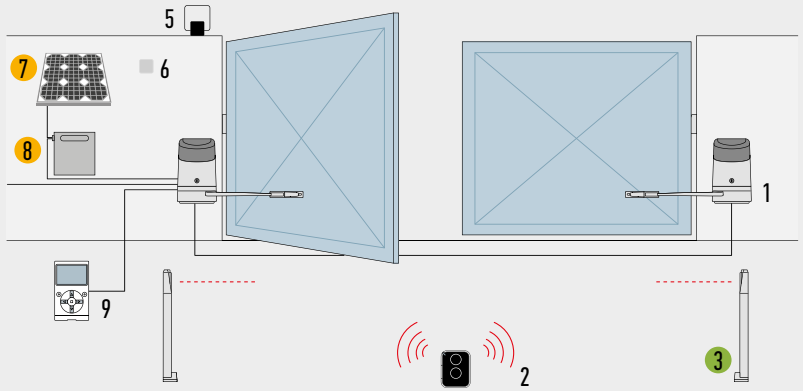
MAX. GATE LENGTH (M)

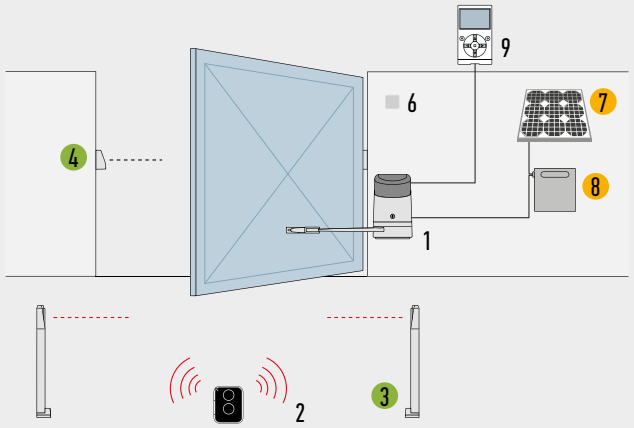
The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM





1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY (ONLY FOR PP7124)

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
H07124			●	●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

POA3
SPARE CONTROL UNIT FOR H07174.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

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HOPPKIT

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 2.4 m, ideal for large columns.
Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted.
Ideal for intensive use.

Two irreversible 24 Vdc versions with micrometric adjustment mechanical stops on opening and closing: with built-in control unit (HO7124) and without control unit (HO7224).

Powerful thanks to the 250 Nm torque.

Resistant and compact: 180 mm in width, ideal for any kind of post. Small shockproof body with aluminium base.

Sturdy, aluminium anti-shearing arm.

Easy to install: thanks to the new fixing bracket with quick connector for the motor. No welding.

Sophisticated electronics with the built-in control unit, just 3 keys to manage all programming operations:
- obstacle detection and possibility of connecting to 8.2 KOhm sensitive edge, fototest;
- automatic fault diagnostics;
- memorisation of opening and closing travel limits in self-learning mode;
- possibility of configuring the stop input in self-learning mode, NO, NC and the latest generation 8.2 KOhm resistive sensitive edges:
- deceleration on opening and closing;
- simple connection of pairs of additional photocells, foto2;
- programming of pause time;
- pedestrian open and partial open;
- clutch with anti-crushing safety mechanism.

Energy saving with no black outs:
3 standby modes to reduce mains consumption, or battery power consumption if connected to the Solemyo kit.
Operation in the event of a power failure thanks to the optional batteries (PS124).

Everything under control: thanks to compatibility for operation with Opera system BUS T4, the unit can be used to expand the options of programming, control and diagnostics of the automation on site and remotely.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
HOPPKCE	KIT FOR THE AUTOMATION OF SWING GATES WITH LEAVES UP TO 2,4 m, 24 Vdc, EXTERNALLY MOUNTED	12

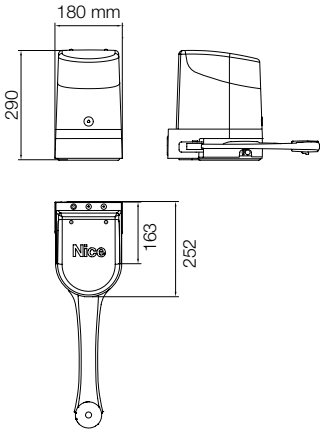
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

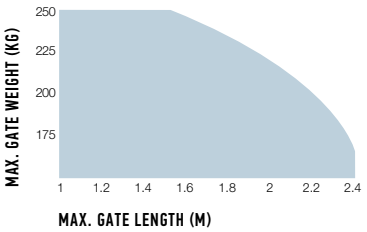
CODE	HO7124	HO7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.3	4
POWER (W)	280	100
PERFORMANCE DATA		
SPEED (rpm)	1.68	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)	35	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	252x180x290 h	
WEIGHT (kg)	9	6.5

* Version without control unit, only if associated with PP7124

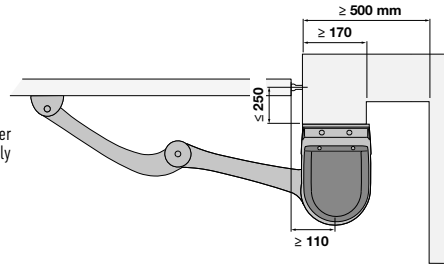
DIMENSIONS



UTILISATION LIMITS



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.



THE KIT CONTAINS:

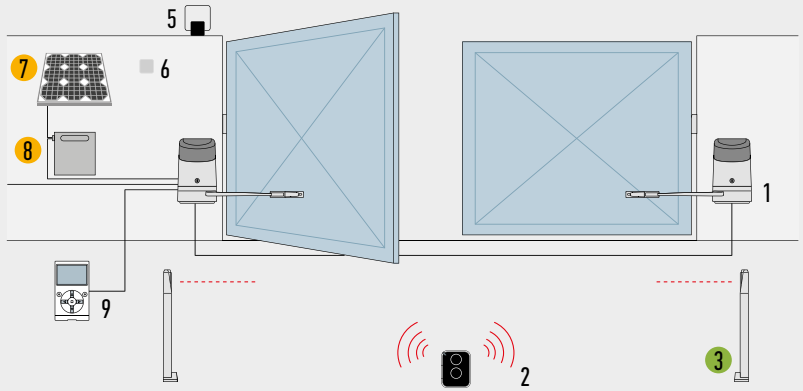
HO7124 + HO7224, 2 SURFACE-MOUNTED ELECTROMECHANICAL GEAR MOTORS: HO7124 (WITH CONTROL UNIT AND OXI PLUG-IN RECEIVER), HO7224 (WITHOUT CONTROL UNIT).

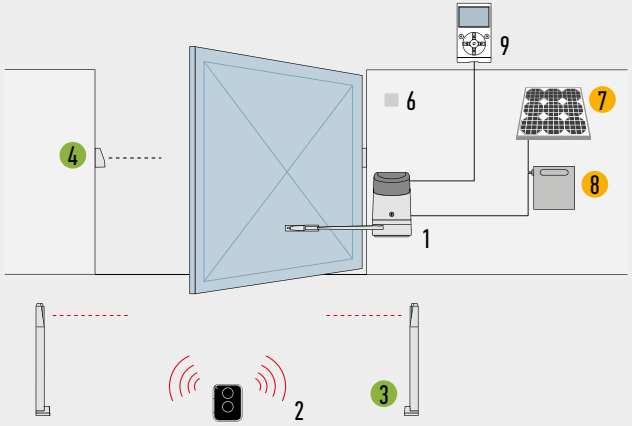
ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

INSTALLATION DIAGRAM





1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY (ONLY FOR PP7124)

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

POA3
SPARE CONTROL UNIT FOR H07174.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

HYKE

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 3.5 m, ideal for large columns.
Irreversible electromechanical 24 Vdc gearmotor with articulated arm, surface mounted.
Ideal for intensive use.

Reliable, durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Ultra-powerful and delicate: thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability. Safety in movement with dual technology obstacle detection.

Two irreversible 24 Vdc versions with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).

Practical and quick installation:
the articulated arm is adjustable in length for maximum flexibility.

Simple and precise limit switch adjustment:
mechanical stops and micrometric adjustment screws.

Easy to operate release lever, with metal lock and personalised Nice key. With provision for cable control.

Savings, respect for the environment, and autonomy:
when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: with the optional batteries (PS124) housed inside the gear motor.

Built-in control unit (HK7024):
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

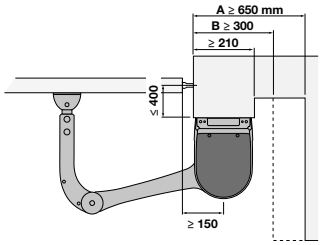
Adjustable anti-crushing arm

CODE	DESCRIPTION	PACK/PALLET
HK7024	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM AND BUILT-IN CONTROL UNIT	12
HK7224	IRREVERSIBLE 24 Vdc, COMPLETE WITH ARTICULATED ARM WITHOUT CONTROL UNIT	12

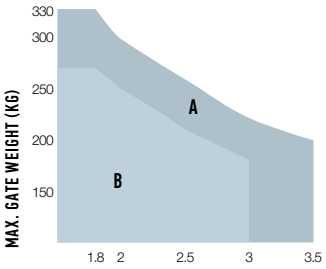
TECHNICAL SPECIFICATIONS

CODE	HK7024	HK7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.5	6
POWER (W)	300	140
PERFORMANCE DATA		
SPEED (rpm)	1.5	
TORQUE (Nm)	500	
WORK CYCLE (CYCLES/HOUR)	40	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	290x210x320 h	
WEIGHT (kg)	10.5	9.5

UTILISATION LIMITS

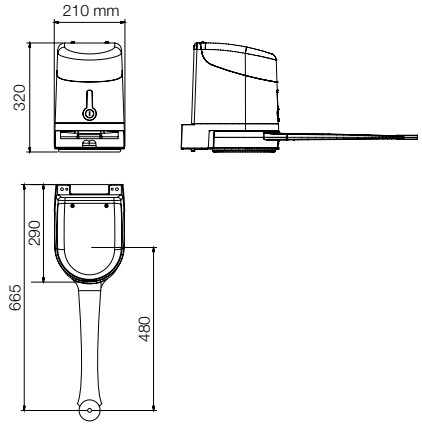


A Entire arm
B Reduced arm

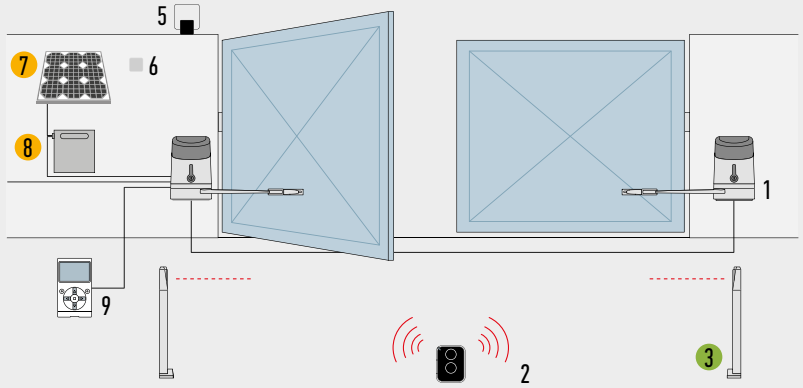


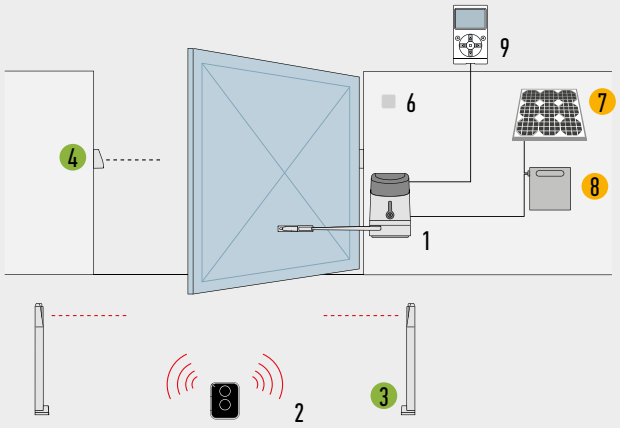
The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM





1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY (ONLY FOR PP7124)

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
HK7024			●	●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

HKA1
SPARE CONTROL UNIT FOR HK7024.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

HYKEKIT

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 3.5 m, ideal for large columns.
Irreversible electromechanical 24 Vdc gear motor with articulated arm, surface mounted.
Ideal for intensive use.

Quality and durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Ultra-powerful and delicate: thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability. Safety in movement with dual technology obstacle detection.

Two irreversible 24 Vdc versions with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).

Adjustable anti-crushing arm

Practical and quick installation:
the articulated arm is adjustable in length for maximum flexibility.

Simple and precise limit switch adjustment:
mechanical stops and micrometric adjustment screws.

Easy to operate release lever, with metal lock and personalised Nice key. With provision for cable control.

Savings, respect for the environment, and autonomy:
when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: with the optional batteries (PS124) housed inside the gear motor.

Built-in control unit (HK7024):
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

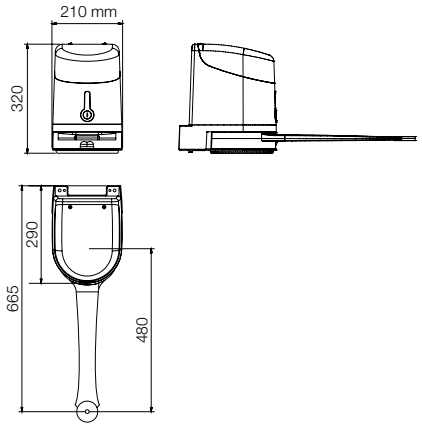
CODE	DESCRIPTION	PACK/PALLET
HYKEKCE	KIT FOR THE AUTOMATION OF SWING GATES WITH LEAVES UP TO 3.5 m, 24 Vdc, WITH ARTICULATED ARM, EXTERNALLY MOUNTED	12

N.B. The content of the package may vary: consult the retailer.

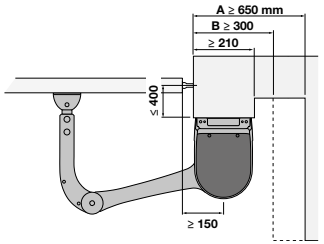
TECHNICAL SPECIFICATIONS

CODE	HK7024	HK7224
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.5	6
POWER (W)	300	140
PERFORMANCE DATA		
SPEED (rpm)	1.5	
TORQUE (Nm)	500	
WORK CYCLE (CYCLES/HOUR)	40	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	290x210x320 h	
WEIGHT (kg)	10,5	9.5

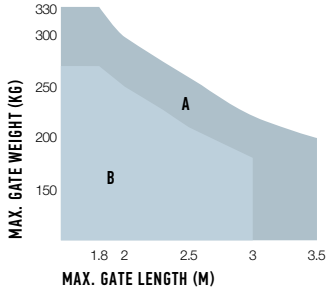
DIMENSIONS



UTILISATION LIMITS



A Entire arm
B Reduced arm



The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

THE KIT CONTAINS:

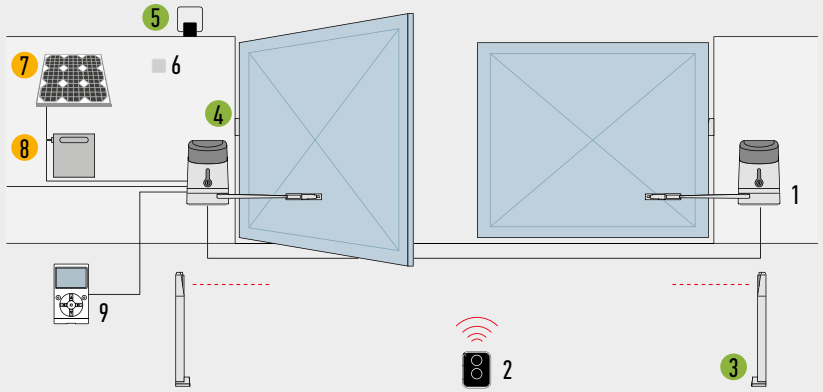
HK7024 + HK7224
ELECTROMECHANICAL GEAR MOTORS FOR EXTERNAL MOUNTING. HK7024 (WITH CONTROL UNIT AND SNAP-FIT RECEIVER OXI), HK7224 (WITHOUT CONTROL UNIT).

ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
- Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

HKA1
SPARE CONTROL UNIT FOR HK7024.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

HYPPO 7000

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For swing gates with leaves up to 3 m, also ideal for large pillars.
Electromechanical gear motor, surface mounted, also in 24 Vdc version with magnetic encoder, with articulated arm.

Single model for right and left leaves.
Two irreversible versions, with 230 Vac (HY7005) and 24 Vdc (HY7024) power supplies with magnetic encoder.

Fewer connections mean **quicker installation.**

Pre-wired, incorporated double limit-switch both during opening and closing (HY7005).

Easy and quick to install: thanks to fewer connections and nothing welded to the gates.

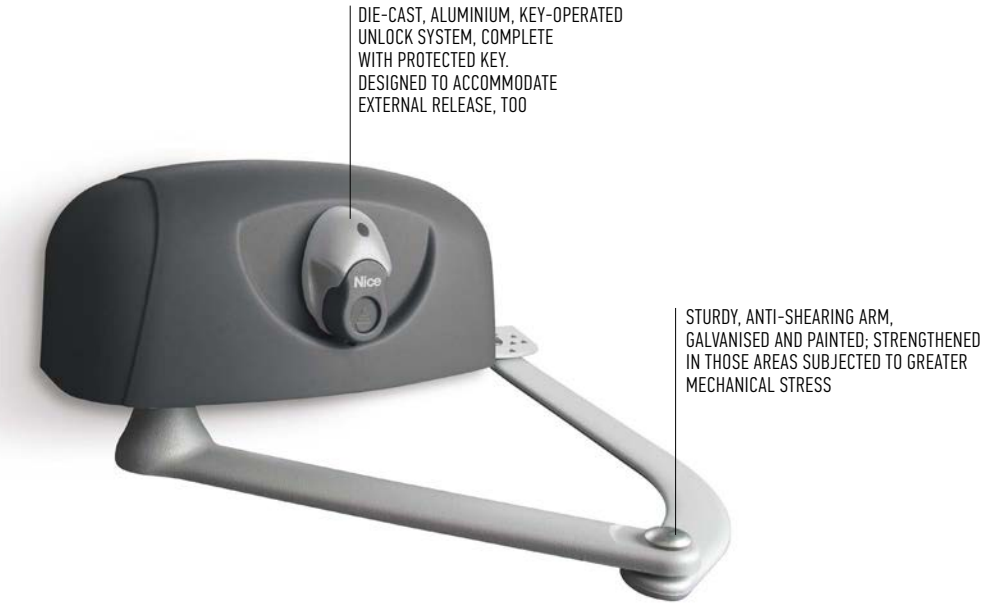
Long-lasting: solid metal mechanics.

Compact: shockproof bodywork with no sharp corners.

Recommended control units:
Mindy A6F, A60, A700F;
for HY7024 Moonclever MC824H.

24 Vdc version with magnetic encoder.
Perfect for intensive use, compatible with the control unit Moonclever MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



CODE	DESCRIPTION	PACK/PALLET
HY7024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH SHEAR-PROOF ARTICULATED ARM, GALVANIZED AND PAINTED	16
HY7005	IRREVERSIBLE, 230 Vac, WITH STURDY ARTICULATED SHEAR-PROOF ARM, GALVANIZED AND PAINTED, WITH LIMIT SWITCH ON OPENING AND CLOSING	16

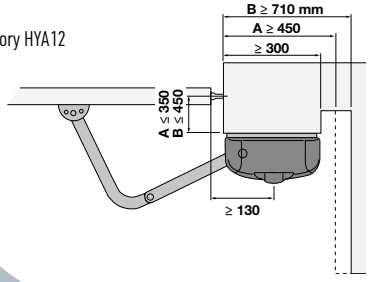
TECHNICAL SPECIFICATIONS

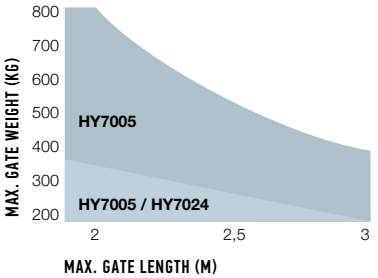
CODE	HY7024	HY7005
ELECTRICAL DATA		
POWER SUPPLY (Vac 50 Hz)*	-	230
POWER SUPPLY (Vdc)	24	-
ABSORPTION (A)	5	1.2
POWER (W)	120	250
PERFORMANCE DATA		
SPEED (rpm)	2	1.7
TORQUE (Nm)	250	400
WORK CYCLE (%)	80	30
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	43	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	350x165x242 h	
WEIGHT (kg)	13	

*60 Hz version available on request.

UTILISATION LIMITS

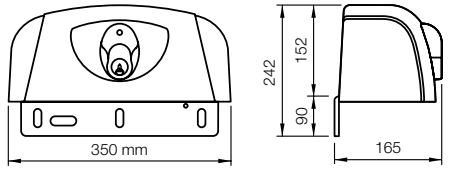
A Standard arm
B Arm with accessory HYA12



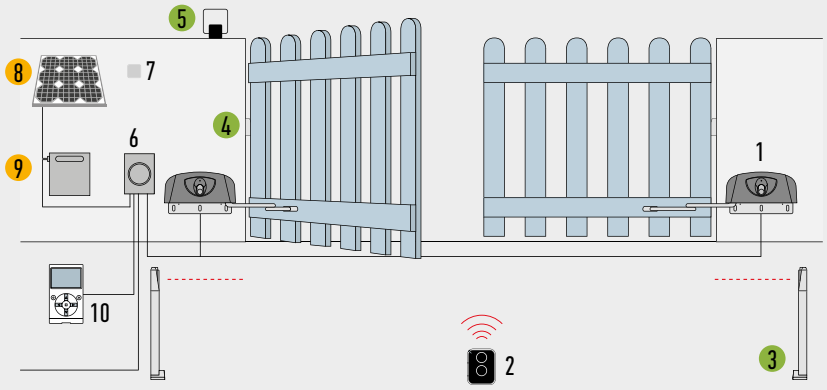


N.B. The above values are valid if the motor is used with standard accessories. The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.
Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A70F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
HY7024									●		●	●	●	●				●	●	●			●				●	●
HY7005			●	●	●						●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system

ACCESSORIES

HYA12
LONGER ARTICULATED ARM (SEE THE LAYOUT).

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

S-FAB

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 2.3 m, underground installation, ultra compact.
Irreversible electromechanical 24 Vdc gear motor, ideal for intensive use.

Sturdy and discreet: compact foundation box with a height of only 81 mm.
Steel with cataphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength.
All this in just 52 mm of protrusion from the ground.

Practical and quick installation thanks to the exit lever on the gear motor attached directly on the leaf.

Opening up to 180° as standard.

Reliable and sturdy: the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

Load-bearing foundation box with adjustable mechanical stops on opening and closing: the gear motor can also be installed later as required.

Practical release easy to operate from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

SFAB2024, compatible with the control unit Moonclever MC424L, and for operation with Solemyo systems:
- simple programming via a single key;
- memorisation of opening and closing limit positions in self-learning mode;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS124) with compartment in control unit.

SFAB2124 with magnetic encoder, compatible with control unit Moonclever MC824H, with BlueBUS technology, and compatible for operation with Solemyo and Opera systems:
- simple programming via a single key;
- self-learning of opening and and closing limit positions;
- automatic fault diagnostics;
- with output for courtesy light and maintenance indicator;
- speed settings on 5 levels;
- separate and configurable inputs for Step by Step, Open and Close;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges;
- operation in event of power failure by means of optional rechargeable batteries (PS324) with compartment in control unit.

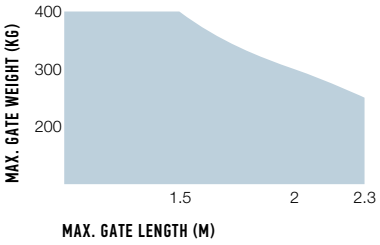
CODE	DESCRIPTION	PACK/PALLET
SFAB2024	IRREVERSIBLE, 24 Vdc	18
SFAB2124	IRREVERSIBLE 24 Vdc VERSION WITH MAGNETIC ENCODER	18
SFABBOX	EXTERNALLY FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH. COMPLETE WITH LEAF COUPLING LEVER AND MECHANICAL STOPS ON OPENING AND CLOSING	18

TECHNICAL SPECIFICATIONS

CODE	XFAB2024	XFAB2124
ELECTRICAL DATA		
POWER SUPPLY (Vdc)	24	
ABSORPTION (A)	5	
POWER (W)	120	
PERFORMANCE DATA		
SPEED (rpm)	1.25	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)*	60	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°	
DIMENSIONS (mm)	235x206x96.5 h	
WEIGHT (kg)	6	

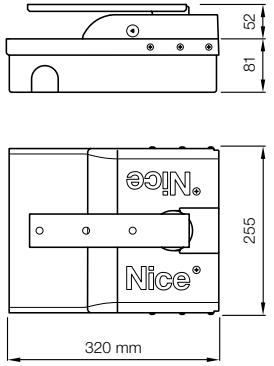
* The indicated value has to be halved if the opening is up to 180°.

UTILISATION LIMITS

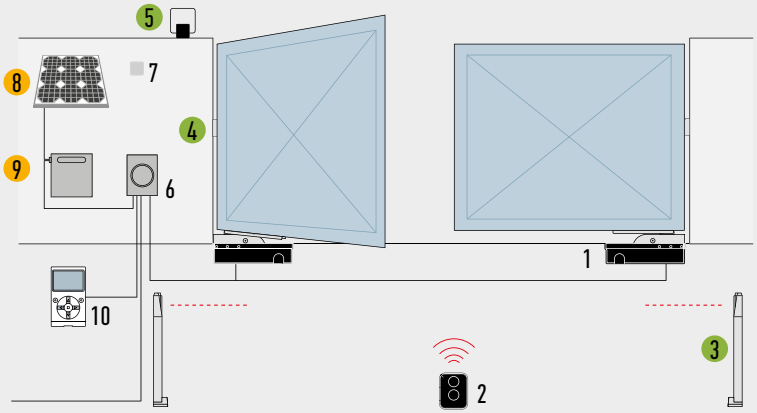


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SFAB2024								●			●	●	●	●	●	●	●				●	●				●		
SFAB2124									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER FOR MC424L.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER FOR MC824H.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

S-FABKIT 2024

SOLEMYO | 24V

For swing gates with leaves up to 2.3 m, underground installation, ultra compact.
Irreversible electromechanical 24 Vdc gear motor.

Sturdy and discreet: compact foundation box with a height of only 81 mm.
Steel with cataphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength.
All this in a protrusion of just 52 mm from the ground.

Practical and quick installation
thanks to the exit lever on the gear motor attached directly on the leaf.

Mechanical limit switches
adjustable on opening and closing.

Opening up to 180° as standard.

Reliable and sturdy: the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

Practical release from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

Mooncleverer control unit MC424L:
- easy programming by pressing a single button;
- clutch with anti-crush safety feature;
- automatic memorization of limit switches on opening and closing with self-learning function;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection;
- provision for connection of latest generation resistive sensitive edges;
- continues to work even during power failures using optional (PS124) batteries that fit inside the control unit.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
SFAB2024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION	12

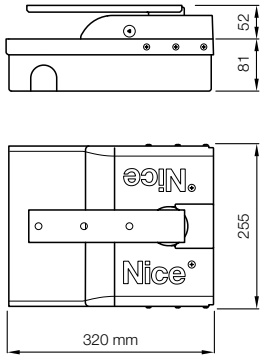
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

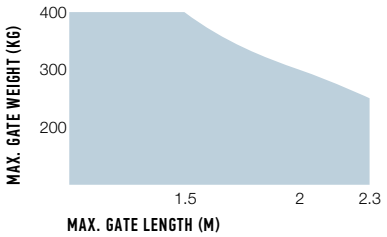
CODE	SFAB2024
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (rpm)	1.25
TORQUE (Nm)	250
WORK CYCLE (CYCLES/HOUR)*	60
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°
DIMENSIONS (mm)	235x206x96.5 h
WEIGHT (kg)	6

* The indicated value has to be halved if the opening is up to 180°.

DIMENSIONS



UTILISATION LIMITS



The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

THE KIT CONTAINS:

SFAB2024
2 GEAR MOTORS.
SFABBOX
2 FOUNDATION BOXES.

ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

MC424L
1 CONTROL UNIT WITH OXI PLUG-IN RECEIVER.

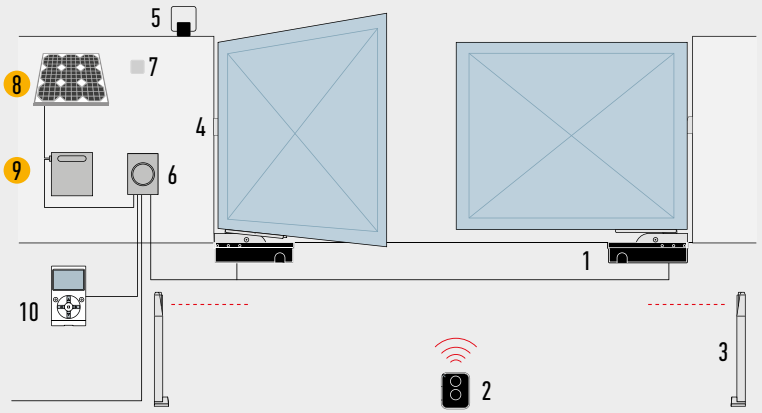
EPM
1 PAIR OF PHOTOCELLS FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

EL24
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

S-FABKIT 2124

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 2.3 m, underground installation, ultra compact.
Irreversible electromechanical
gear motor 24 Vdc with magnetic encoder.

Sturdy and discreet: compact foundation box with a height of only 81 mm.
Steel with cataphoresis paint finish guarantees optimal resistance to corrosion, and thickness of 2.5 mm guarantees strength.
All this in a protrusion of just 52 mm from the ground.

Practical and quick installation
thanks to the exit lever on the gear motor attached directly on the leaf.

Mechanical limit switches adjustable on opening and closing.

Opening up to 180° as standard.

Reliable and sturdy: the gear motor, in IP67 pressure die cast aluminium, suspended inside the housing to enable drainage of any deposits, ensures optimal water resistance.

Practical release from inside and outside, acting directly on the gear motor, easy to operate by means of the special key.

Control unit Moonclever MC824H, with BlueBUS technology, and compatible for operation with Solemyo and Opera systems:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

CODE	DESCRIPTION	PACK/PALLET
SFAB2124KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION	12

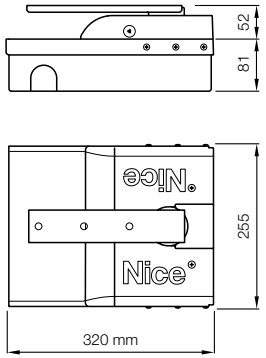
N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

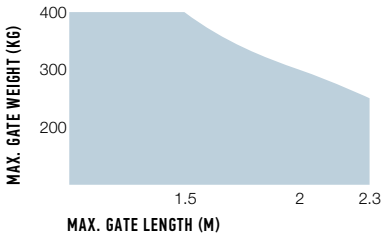
CODE	**SFAB2124**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	5
POWER (W)	120
PERFORMANCE DATA	
SPEED (rpm)	1.25
TORQUE (Nm)	250
WORK CYCLE (CYCLES/HOUR)*	60
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°
DIMENSIONS (mm)	235x206x96.5 h
WEIGHT (kg)	6

* The indicated value has to be halved if the opening is up to 180°.

DIMENSIONS



UTILISATION LIMITS



The shape, the height of the gateand the weather conditions can considerably reduce the values shown in the graph to the side.

THE KIT CONTAINS:

SFAB2124
2 GEAR MOTORS.
SFABBOX
2 FOUNDATION BOXES.

ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

MC824H
1 CONTROL UNIT WITH OXI PLUG-IN RECEIVER.

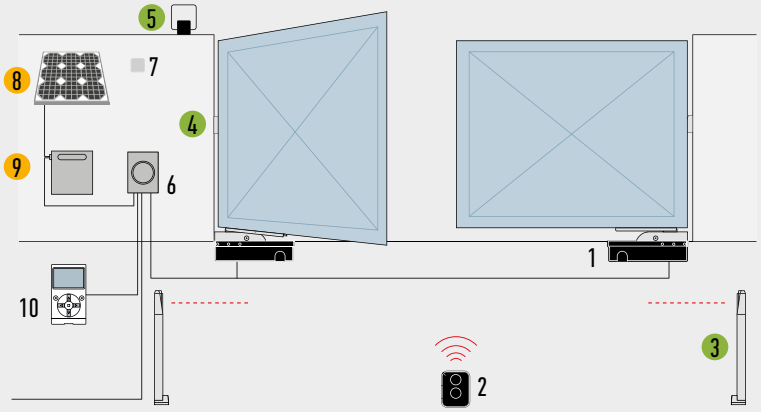
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

M-FAB

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For swing gates with leaves up to 3 m, underground installation.
Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder.

3 types of electromechanical gear motors irreversible **M-Fab**.

2 foundation boxes externally chamfered, Fab Box, with mechanical stop on opening:
- **in stainless steel** (SFAB2024KCEI), ideal for use in extreme conditions,
- with the **cataphoresis paint finish** (MFABBOX), highly resistant to corrosion.

Reliable and resistant: motors made up of solid internal parts in metal. New IP67 waterproof die cast aluminium.

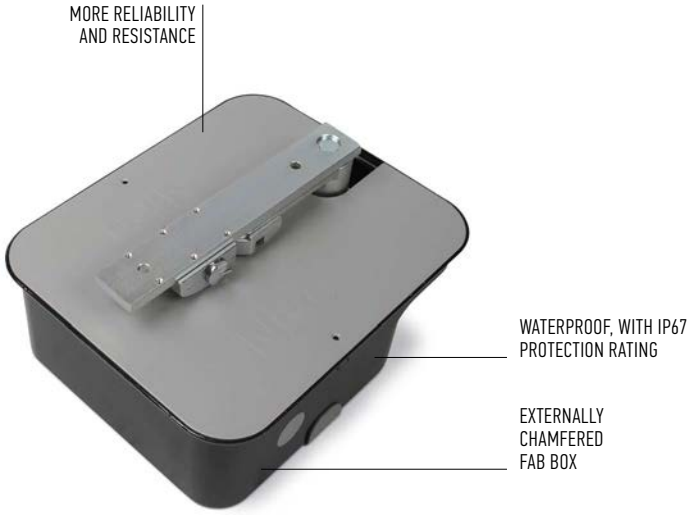
Total freedom of choice: release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

Simple to use: mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

Totally compatible with the previous Metro series.

Recommended control units: Mindy A6F, A60, A700F; for MFAB3024 Moonclever MC824H.

24 Vdc version with magnetic encoder.
Perfect for intensive use, compatible with the control unit Moonclever MC824H:
- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.



CODE	DESCRIPTION	PACK/PALLET
MFAB3024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
MFAB3000	IRREVERSIBLE, 230 Vac, INCREASED SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
MFAB3000L	IRREVERSIBLE, 230 Vac, CRUISING SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18

CODE	DESCRIPTION	PACK/PALLET
MFABBOXI	EXTERNALLY CHAMFERED FOUNDATION BOX IN STAINLESS STEEL WITH MECHANICAL STOP ON OPENING	20
MFABBOX	EXTERNALLY CHAMFERED FOUNDATION BOX WITH CATAPHORESIS FINISH WITH MECHANICAL STOP ON OPENING	20

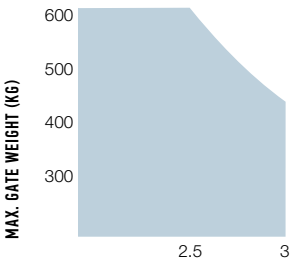
NOTE: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

TECHNICAL SPECIFICATIONS

CODE	MFAB3024	MFAB3000	MFAB3000L
ELECTRICAL DATA			
POWER SUPPLY (Vac 50 Hz)*	-	230	
POWER SUPPLY (Vdc)	24	-	
ABSORPTION (A)	5	1.2	1.3
POWER (W)	120	250	300
PERFORMANCE DATA			
SPEED (rpm)	1.4	1.14	0.8
TORQUE (Nm)	250	300	250
WORK CYCLE (CYCLES/HOUR)**	76	30	20
DIMENSIONAL AND GENERAL DATA			
PROTECTION LEVEL (IP)	67		
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50		
DIMENSIONS (mm)	390x322x194.5 h		
WEIGHT (kg)	11		

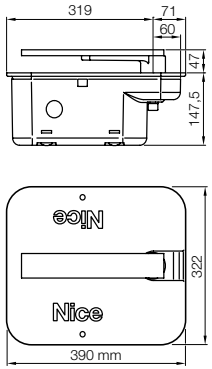
*60 Hz version available on request. **The indicated value has to be halved if the opening is up to 180° - by using the MEA1 accessory.

UTILISATION LIMITS

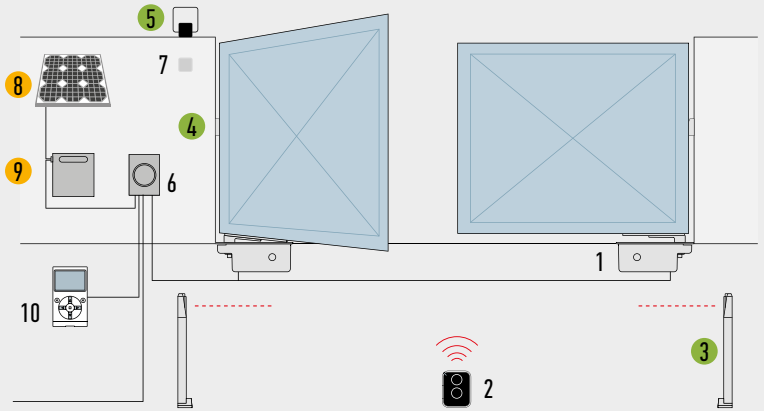


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
MFAB3024									●		●	●	●	●				●	●	●			●				●	●
MFAB3000			●	●	●						●	●	●	●	●	●	●				●	●			●			
MFAB3000L			●	●	●						●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system

ACCESSORIES

MEA2
KEY UNLOCK SYSTEM.

PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.

PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.

PC/PACK 4

MEA6
LIMIT SWITCH BRACKET, FOR INSTALLATIONS WHERE BOX EMBEDDING IN CONCRETE IS NOT POSSIBLE.

PC/PACK 1

MEA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 2.5 m IN LENGTH.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK.

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK .

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

L-FAB

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For swing gates with leaves up to 4 m, underground installation.
Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder and mechanical stop.

Foundation boxes with mechanical stop on opening:
- **in stainless steel** (LFABBOX4I), ideal for use in extreme conditions,
- **with cataphoresis paint finish** (LFABBOX4), highly resistant to corrosion.

Maximum freedom of choice: release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

Simple installation: built-in mechanical stop system on closure.

Standard opening to 110°, or optional 360°.

Ideal for intensive use, LFAB4024 model is compatible with the control unit Moonclever MC824H, with BlueBUS technology, Solemyo and Opera systems:
- simple programming via a single key;
- self-learning of travel limits on opening and closing;
- self-diagnostics of faults;
- programming of pause time;
- pass door;
- deceleration on opening and closing;
- dual technology obstacle detection;
- operation in the event of a power failure with optional rechargeable batteries (PS324);
- provision for connection of latest generation sensitive edges.

LFAB4000 model is compatible with the control units A6F and A60.

CODE	DESCRIPTION	PACK/PALLET
LFAB4000	IRREVERSIBLE 230 Vac WITH BUILT-IN MECHANICAL STOP ON CLOSING	18
LFAB4024	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOP ON CLOSING	18
LFABBOX4	FOUNDATION BOX WITH CATAPHORESIS PAINT FINISH FOR LFAB4000 AND LFAB4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER	18
LFABBOX4I	STAINLESS STEEL FOUNDATION BOX FOR LFAB4000 AND LFAB4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER	18

Note: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

TECHNICAL SPECIFICATIONS

CODE	LFAB4024	LFAB4000
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	-	230
POWER SUPPLY (Vdc)	24	-
ABSORPTION (A)	5	1.5
POWER (W)	120	340
PERFORMANCE DATA		
SPEED (rpm)	1	0.8
TORQUE (Nm)	300	500
WORK CYCLE (CYCLES/HOUR)**	60	20
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)*	400x325x152 h	
WEIGHT (kg)	12.5	14.3

*With foundation box. **The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

FOUNDATION BOX	LFABBOX4
WEIGHT (kg)	14.4

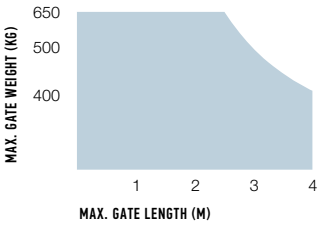
ACCESSORY FOR L-FAB

BMA2
ADAPTORS FOR A DUAL MOTOR AUTOMATION, COMPATIBLE WITH THE MAJORITY OF FOUNDATION BOXES ON THE MARKET.

PC/PACK. 4

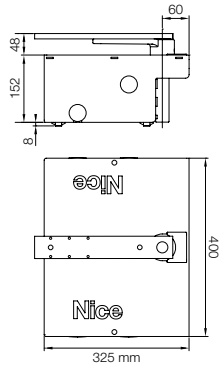
UTILISATION LIMITS

LFAB4000 - LFAB4024

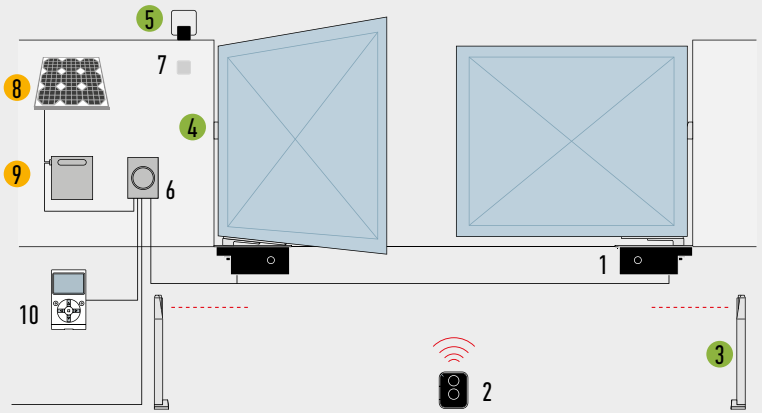


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

FOR LFAB4024 MODEL:

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
- Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
LFAB4000			●	●	●						●	●	●	●	●	●	●				●	●			●			
LFAB4024									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

MEA2
KEY UNLOCK SYSTEM.

PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.

PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.

PC/PACK 4

BMA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 3.5 m IN LENGTH.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

BIG-FAB

SOLEMYO | OPERA | BLUEBUS | 24V

For swing gates with leaves up to 5 m, underground installation.
Irreversible electromechanical gear motor, 24 Vdc with magnetic encoder and mechanical stop.

Chamfered foundation boxes with mechanical stop on opening:
- **in stainless steel** (BFABBOXI), ideal for use in extreme conditions,
- **with cataphoresis paint finish** (BFABBOX), highly resistant to corrosion.

Maximum freedom of choice: release from inside or outside, two key or lever operated models, freely combinable and easy to operate with just one hand.

Simple to use: mechanical stop system on closure. Standard opening to 110°, or optional 360°.

Ideal for intensive use, compatible with the control unit Moonclever MC824H:
- simple programming via a single key;
- self-learning of travel limits on opening and closing;
- self-diagnostics of faults;
- programming of pause time;
- pass door;
- deceleration on opening and closing;
- dual technology obstacle detection;
- operation in the event of a power failure with optional rechargeable batteries (PS324);
- provision for connection of latest generation sensitive edges.

CODE	DESCRIPTION	PACK/PALLET
BFAB5024	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOP ON CLOSING	18
BFABBOX	FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH, WITH BUILT-IN MECHANICAL STOP ON OPENING	18
BFABBOXI	STAINLESS STEEL FOUNDATION BOX, WITH BUILT-IN MECHANICAL STOP ON OPENING	18

NOTE: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

TECHNICAL SPECIFICATIONS

CODE	**BFAB5024**
ELECTRICAL DATA	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	7
POWER (W)	170
PERFORMANCE DATA	
SPEED (rpm)	0.8
TORQUE (Nm)	400
WORK CYCLE (CYCLES/HOUR)**	45
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)*	400x325x152 h
WEIGHT (kg)	13.3

*With foundation box. **The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

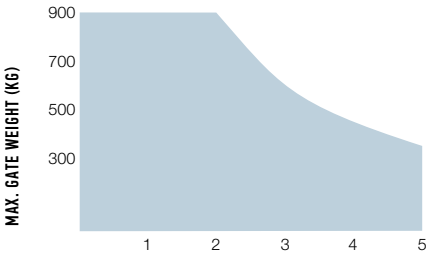
FOUNDATION BOX	**BFABBOX**
WEIGHT (kg)	20.3

ACCESSORY FOR L-FAB

BMA2
ADAPTORS FOR A DUAL MOTOR AUTOMATION, COMPATIBLE WITH THE MAJORITY OF FOUNDATION BOXES ON THE MARKET.

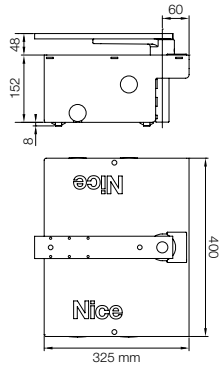
PC/PACK. 4

UTILISATION LIMITS

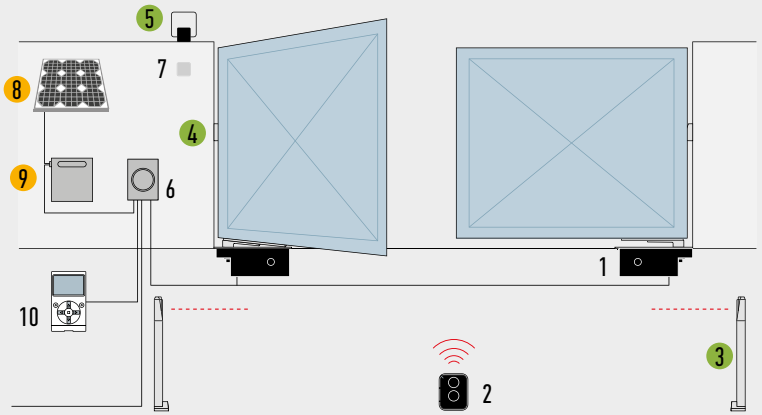


The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER									TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
BFAB5024									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

MEA2
KEY UNLOCK SYSTEM.

PC/PACK 1

MEA3
LEVER-TYPE KEY UNLOCK SYSTEM TO USE WHEN SYSTEM IS INSTALLED ON SURFACES SUCH AS SAND OR EARTH.

PC/PACK 1

MEA5
LEVER-TYPE UNLOCK KEY FOR MEA3.

PC/PACK 4

BMA1
ACCESSORY FOR OPENING UP TO 360° FOR GATES MAX. 3.5 m IN LENGTH.

PC/PACK 1

PLA10
VERTICAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

PLA11
HORIZONTAL 12 V ELECTRIC LOCK (REQUIRED FOR GATES LONGER THAN 3 m).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SYSTEMS FOR SLIDING GATES

FOR RESIDENTIAL USE, INSTALLED ALSO INSIDE A COMPACT POST	88	NAKED SLIDING 400
	88	SLIGHT
	90	SLIGHTKIT
FOR RESIDENTIAL AND INDUSTRIAL USE	92	ROBUS 400/600/1000
	94	ROBUSKIT 400
	96	ROBUSKIT 600
	98	ROADKIT
	100	RUN 1500
	102	RUN 1800/2500
	104	TUB
RACKS	105	

SELECTION GUIDE

FOR RESIDENTIAL USE, INSTALLED ALSO INSIDE A COMPACT POST

Irreversible, 24 Vdc, with built-in control unit and absolute encoder. With BlueBUS technology, compatible for operation with Solemyo and Opera.
NAKED SLIDING 400
pages 88/89

- for gates up to 400 kg → **NKSL400**

Irreversible, 24 Vdc, with built-in control unit and absolute encoder. With BlueBUS technology, compatible for operation with Solemyo and Opera.
SLIGHT
SLIGHTKIT
pages 88/91

- for gates up to 400 kg → **SLH400**
- **KIT** → **SLH400KCE**

FOR RESIDENTIAL USE, ALSO AVAILABLE IN KIT

Irreversible, 24 Vdc, with built-in control unit. With BlueBUS technology, compatible for operation with Solemyo and Opera.

ROBUS HS
pages 30/31

ROBUS
ROBUSKIT
pages 92/97

- for gates up to 250 kg with electromechanical limit switch → Hi-Speed → **RB250HS**
- for gates up to 400 kg with electromechanical limit switch → **RB400**
  - **KIT** → **RB400KCE**
- for gates up to 500 kg with electromechanical limit switch → Hi-Speed → **RB500HS**
- for gates up to 600 kg
  - electromechanical limit switch → **RB600**
    - **KIT** → **RB600KCE**
  - inductive limit switch → **RB600P**
- for gates up to 1000 kg
  - electromechanical limit switch → **RB1000**
  - inductive limit switch → **RB1000P**

Irreversible, 24 Vdc, with built-in control unit. For gates up to 400 kg with leaf length up to 6 m
ROADKIT
pages 98/99

- → **RDKCE**

FOR RESIDENTIAL AND INDUSTRIAL USE

Irreversible,
with built-in control unit,
with BlueBUS technology.

RUN HS
pages 32/33

RUN
pages 100/103

- 24 Vdc compatible for operation with Solemyo and Opera
  - for gates up to 400 kg → electromechanical limit switch → Hi-Speed → **RUN400 HS**
  - for gates up to 1200 kg → electromechanical limit switch → Hi-Speed → **RUN1200 HS**
  - for gates up to 1500 kg → electromechanical limit switch → **RUN1500**
  - for gates up to 1500 kg → inductive limit switch → **RUN1500P**
- 230 Vac compatible for operation with Opera
  - for gates up to 1800 kg → electromechanical limit switch → **RUN1800**
  - for gates up to 1800 kg → inductive limit switch → **RUN1800P**
  - for gates up to 2500 kg → electromechanical limit switch → **RUN2500**
  - for gates up to 2500 kg → electromechanical limit switch → with inverter → **RUN2500I**
  - for gates up to 2500 kg → inductive limit switch → **RUN2500P**

FOR INDUSTRIAL USE

Irreversible, 400 Vac,
with built-in control unit.
TUB
pages 104

- for gates up to 3500 kg → **TUB3500**

NAKED SLIDING 400

SOLEMYO | OPERA | BLUEBUS | 24V

Nice concealed motor for sliding gates up to 400 Kg with leaf length up to 6 m.
Motor with built-in control unit and absolute encoder which can be **installed inside a compact post** with suitable holes.

Its **extremely small size** allows the motor to be installed even in very slender posts, with interior size down to 140x140 mm.

User-friendly: thanks to the BlueBUS system, allowing the control unit to be connected to up to 7 pairs of photocells and control, security and signalling devices with just two wires.

State-of-the-art: it features a temperature sensor that adapts the motor force to weather conditions, also modulating the overload protection.

Master/slave selection: for automatic synchronisation even of 2 motors, allowing automation of sliding gates with two opposing leaves.

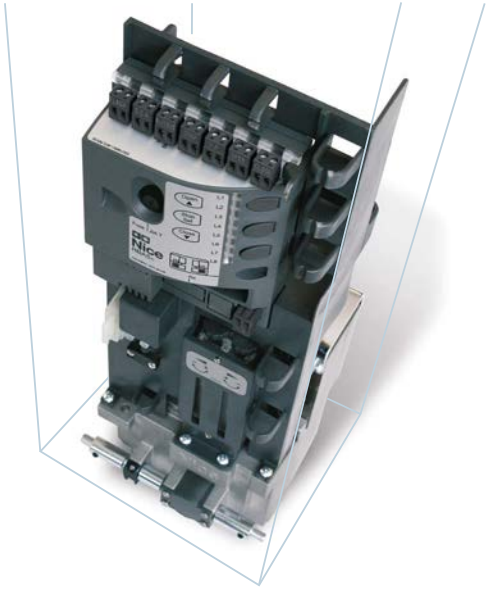
Intelligent: thanks to obstacle detection and automatic working time programming.
Self-diagnostics with flashing light signalling.

Safe: adjustable acceleration and deceleration at the start and end of every opening and closing operation.

User-friendly, precise limit switch adjustment: integral absolute limit switch, quick learning with just one opening or closing operation with motor released.

Practical: control unit and optional PS124 buffer batteries can be connected by means of practical guided - connector.

Flexible: unlocking can be provided on both sides of the post and/or on the outside (with the KIO and KA1 accessories). Also easy to install on existing posts.



SLIGHT

SOLEMYO | OPERA | BLUEBUS | 24V

Nice motor for sliding gates up to 400 kg with leaf length up to 6 m.
Motor with built-in control unit and absolute encoder.

Innovative ultra-compact design: the vertical configuration of the motor makes it easy to install even in narrow openings.

User-friendly: thanks to the BlueBUS system, it allows the control unit to be connected to up to 7 pairs of photocells and control, security and signalling devices with just two wires.

Built-in LED light: programmable as either a flashing or courtesy light, it warns of gate movement during opening and closing.

Master/slave selection: for automatic synchronisation even of 2 motors, allowing automation of sliding gates with two opposing leaves.

Intelligent: thanks to obstacle detection and automatic working time programming.
Self-diagnostics with flashing light signalling.

Safe: adjustable acceleration and deceleration at the start and end of every opening and closing operation.

Built-in absolute limit stop:
- simple and precise regulation thanks to the rapid learning in a single movement with the motor released;
- no bracket or accessory to be installed on the ratchet;
- particularly suitable in snow areas.

Practical: control unit and optional PS124 buffer batteries can be connected by means of practical guided - connector.

CODE	DESCRIPTION	PACK/PALLET
NKSL400	IRREVERSIBLE, 24 Vdc, WITH BUILT-IN CONTROL UNIT AND ABSOLUTE ENCODER ALLOWING INTEGRATION IN POST	16
SLH400	IRREVERSIBLE, 24 Vdc, WITH BUILT-IN CONTROL UNIT AND ABSOLUTE ENCODER WITH BUILT-IN LED LIGHT	16

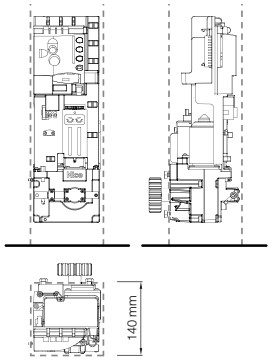
TECHNICAL SPECIFICATIONS

CODE	NKSL400	SLH400
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	230
ABSORPTION (A)	1.1	1.1
POWER (W)	250	250
PERFORMANCE DATA		
SPEED (m/s)	0.34	0.34
FORCE (N)	400	400
WORK CYCLE (CYCLES/HOUR)	35	35
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	10*	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	-20 ÷ +50
DIMENSIONS (mm)	131x172x405 h	191x198x408 h
WEIGHT (kg)	6.5	8

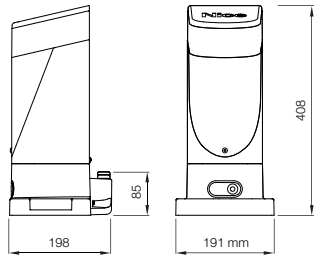
* The protection degree of the automation is determined by the composition motor and column.

DIMENSIONS

NKSL400



SLH400



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SLH400			●	●	●	●	●				●	●	●			●	●			●	●
NKSL400			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

COMMON ACCESSORIES

NKA3
SPARE CONTROL UNIT.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

ROA6
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

ACCESSORIES FOR NAKED SLIDING 400

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

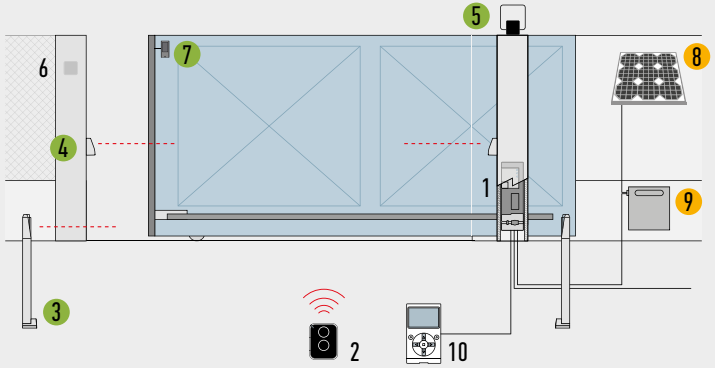
PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SLIGHT KIT

SOLEMYO | OPERA | BLUEBUS | 24V

Nice motor for sliding gates up to 400 kg with leaf length up to 6 m.
Motor with built-in control unit and absolute encoder.

Innovative ultra-compact design: the vertical configuration of the motor makes it easy to install even in narrow openings.

User-friendly: thanks to the BlueBUS system, it allows the control unit to be connected to up to 7 pairs of photocells and control, security and signalling devices with just two wires.

Built-in LED light: programmable as either a flashing or courtesy light, it warns of gate movement during opening and closing.

Master/slave selection: for automatic synchronisation even of 2 motors, allowing automation of sliding gates with two opposing leaves.

Intelligent: thanks to obstacle detection and automatic working time programming.
Self-diagnostics with flashing light signalling.

Safe: adjustable acceleration and deceleration at the start and end of every opening and closing operation.

Built-in absolute limit stop:
- simple and precise regulation thanks to the rapid learning in a single movement with the motor released;
- no bracket or accessory to be installed on the ratchet;
- particularly suitable in snow areas.

Practical: control unit and optional PS124 buffer batteries can be connected by means of practical guided - connector.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

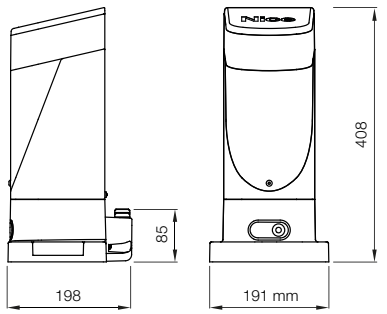
CODE	DESCRIPTION	PACK/PALLET
SLH400KCE	KIT FOR THE AUTOMATION OF SLIDING GATES UP TO 400 Kg, IRREVERSIBLE, 24 Vdc, WITH BUILT-IN CONTROL UNIT AND ABSOLUTE ENCODER WITH BUILT-IN LED LIGHT	16

TECHNICAL SPECIFICATIONS

CODE	SLH400
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	1.1
POWER (W)	250
PERFORMANCE DATA	
SPEED (m/s)	0.34
FORCE (N)	400
WORK CYCLE (CYCLES/HOUR)	35
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	191x198x408 h
WEIGHT (kg)	8

* The protection degree of the automation is determined by the composition motor and column.

DIMENSIONS



THE KIT CONTAINS:

SLH400
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, WITH BUILT-IN CONTROL UNIT AND ABSOLUTE ENCODER WITH BUILT-IN LED LIGHT.

ON2E
2 TRANSMITTERS 433.92 MHz, 2 CHANNELS.

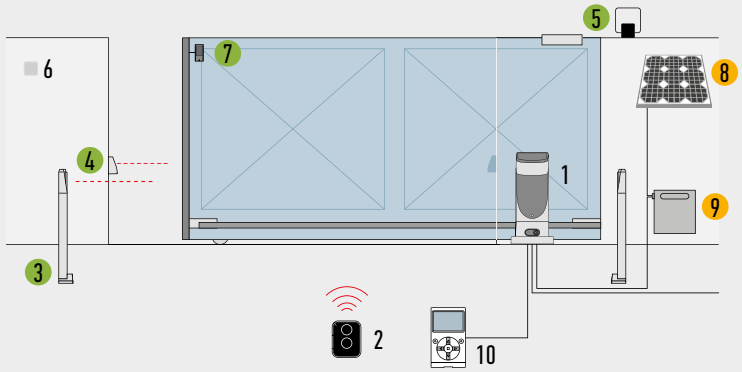
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

OXI
RECEIVERS WITH CONNECTOR 4 CHANNELS.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

NKA3
SPARE CONTROL UNIT.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

ROA6
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ROBUS 400/600/1000

SOLEMYO | OPERA | BLUEBUS | 24V

For sliding gates weighing up to 400 kg (RB400), **up to 600 kg** (RB600) **and up to 1000 kg** (RB1000).

Versions with electromechanical limit switch (RB400/RB600/RB1000) **and with inductive limit switch** (RB400P/RB600P/RB1000P).

User-friendly: the Nice BlueBUS technology, enables to power and control a maximum of seven couples of photocells using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Advanced: RB400, RB600 and RB1000 are equipped with a temperature sensor: adapt the motor power to the climatic conditions and at the same time thermal cut-out. A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

RB400

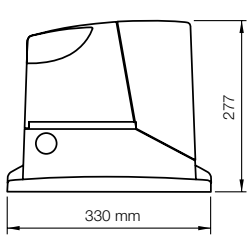
RB600/RB1000

CODE	DESCRIPTION	PACK/PALLET
RB400	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 400 kg	15
RB600	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 600 kg	15
RB600P	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, WITH INDUCTIVE LIMIT SWITCH, FOR GATES UP TO 600 kg	15
RB1000	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 1000 kg	15
RB1000P	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, WITH INDUCTIVE LIMIT SWITCH, FOR GATES UP TO 1000 kg	15

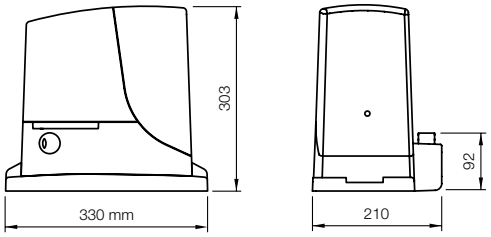
TECHNICAL SPECIFICATIONS

CODE	RB400	RB600/600P	RB1000/1000P
ELECTRICAL DATA			
POWER SUPPLY (Vac 50/60 Hz)		230	
ABSORPTION (A)	1.1	2.5	2.3
POWER (W)	250	515	450
PERFORMANCE DATA			
SPEED (m/s)	0.34	0.31	0.28
FORCE (N)	400	600	900
WORK CYCLE (CYCLES/HOUR)	35	40	50
DIMENSIONAL AND GENERAL DATA			
PROTECTION LEVEL (IP)		44	
WORKING TEMP. (°C MIN/MAX)		-20 ÷ +50	
DIMENSIONS (mm)	330x195x277 h	330x210x303 h	
WEIGHT (kg)	8	11	13

DIMENSIONS

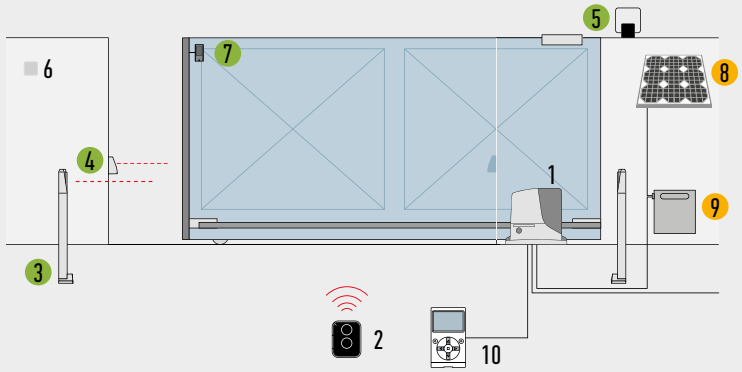


RB400



RB600/RB1000

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
RB400			●	●	●	●	●				●	●	●			●	●			●	●
RB600/600P			●	●	●	●	●				●	●	●			●	●			●	●
RB1000/1000P			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RBA3
SPARE CONTROL UNIT FOR RB400, RB600/600P, RB1000/1000P AND RUN1500/1500P.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA6
(FOR RB400)
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ROBUSKIT 400

SOLEMYO | OPERA | BLUEBUS | 24V

For sliding gates weighing up to 400 kg.

User-friendly: the Nice BlueBUS technology, enables to power and control a maximum of seven couples of photocells using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside Robus.

Advanced: RB400 is equipped with a temperature sensor: adapt the motor power to the climatic conditions and at the same time thermal cut-out.
A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast aluminium and epoxy paint finish.

Very quiet: gear motor on bearings.

The Era Gate accessories,

with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

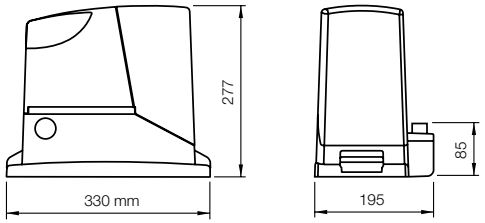
CODE	DESCRIPTION	PACK/PALLET
RB400KCE	KIT FOR THE AUTOMATION OF SLIDING GATES UP TO 400 kg, 24 Vdc, INCORPORATED CONTROL UNIT	14

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	RB400
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	1.1
POWER (W)	250
PERFORMANCE DATA	
SPEED (m/s)	0.34
FORCE (N)	400
WORK CYCLE (CYCLES/HOUR)	35
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	330x195x277 h
WEIGHT (kg)	8

DIMENSIONS



THE KIT CONTAINS:

RB400
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, WITH INCORPORATED CONTROL UNIT AND OXI PLUG-IN RECEIVER WHICH CAN BE USED FOR CONNECTIONS VIA NICE BLUEBUS.

ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

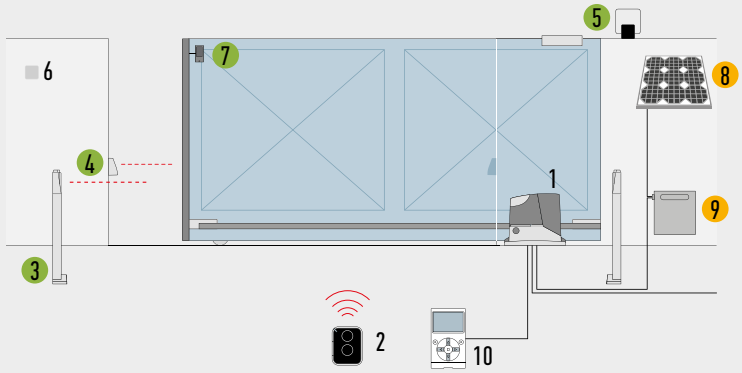
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

RBA3
SPARE CONTROL UNIT FOR RB400, RB600/600P, RB1000/1000P AND RUN1500/1500P.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA6
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ROBUSKIT 600

SOLEMYO | OPERA | BLUEBUS | 24V

For sliding gates weighing up to 600 kg.

User-friendly: the Nice BlueBUS technology, enables to power and control a maximum of seven couples of photocells using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Advanced: RB600 is equipped with a temperature sensor: adapt the motor power to the climatic conditions and at the same time thermal cut-out; a master/slave selection automatically synchronises two motors.
This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

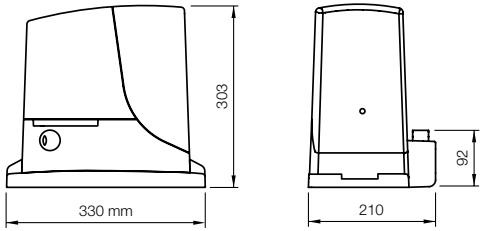
CODE	DESCRIPTION	PACK/PALLET
RB600KCE	KIT FOR THE AUTOMATION OF SLIDING GATES UP TO 600 kg, 24 Vdc, INCORPORATED CONTROL UNIT	14

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	RB600
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	2.5
POWER (W)	515
PERFORMANCE DATA	
SPEED (m/s)	0.31
FORCE (N)	600
WORK CYCLE (CYCLES/HOUR)	40
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	330x210x303 h
WEIGHT (kg)	11

DIMENSIONS



THE KIT CONTAINS:

RB600
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, 1 WITH INCORPORATED CONTROL UNIT AND OXI PLUG-IN RECEIVER WHICH CAN BE USED FOR CONNECTIONS VIA NICE BLUEBUS.

ON2E
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

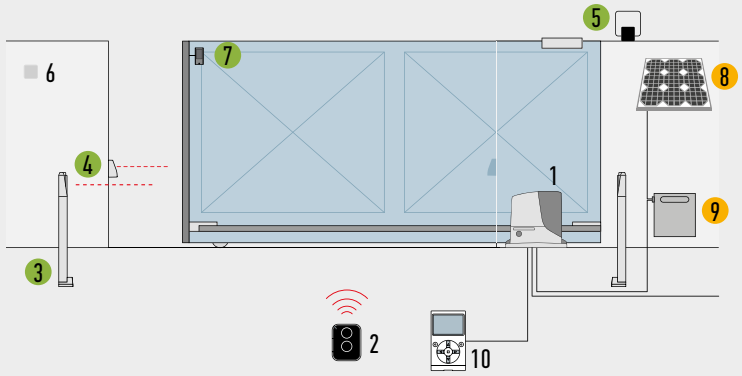
EPMB
1 COUPLE OF EXTERNAL PHOTOCELLS DESIGNED FOR CONNECTION BY NICE BLUEBUS.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

ACCESSORIES

RBA3
SPARE CONTROL UNIT FOR RB400, RB600/600P, RB1000/1000P AND RUN1500/1500P.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ROADKIT

24V

For sliding gates weighing up to 400 kg.

Practical: built-in control unit, can be connected by means of a simple connector and can be housed directly inside the motor; incorporated radio card, compatible with the Nice Flo and Smilo systems: 150 transmitters can be entered!

Advanced: the speed, strength and pause can all be adjusted.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

The Era Gate accessories,
with a minimal, modern and discreet design, renovate Nice kits' style and performance.

Discover the complete range at page 190

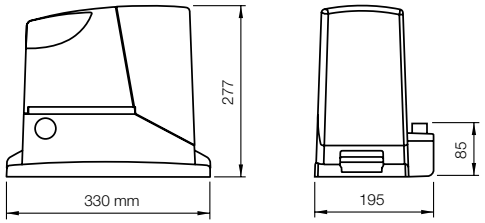
CODE	DESCRIPTION
RDKCE	KIT FOR THE AUTOMATION OF SLIDING GATES UP TO 400 kg AND UP TO 6 m LENGHT, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	**RD400**
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	1.1
POWER (W)	210
PERFORMANCE DATA	
SPEED (m/s)	0.25
FORCE (N)	400
WORK CYCLE (CYCLES/HOUR)	20
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	330x195x277 h
WEIGHT (kg)	8

DIMENSIONS



THE KIT CONTAINS:

RD400
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER.

FLO2RE
1 TRANSMITTER 433.92 MHz, 2 CHANNELS.

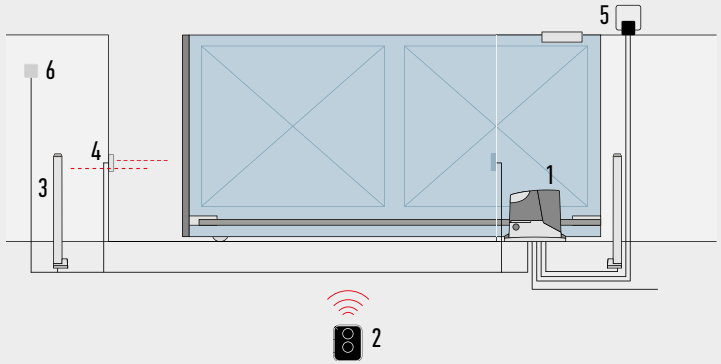
EPM
1 PAIR OF PHOTOCELLS FOR OUTDOOR INSTALLATION.

EKS
1 KEY SELECTOR SWITCH FOR OUTDOOR INSTALLATION.

ELB
1 FLASHING LIGHT WITH INTEGRATED AERIAL.

TS
1 SIGNBOARD.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES

ACCESSORIES

RBA4
SPARE CONTROL UNIT FOR RDKCE.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

CM-B
PAWL WITH TWO METAL RELEASE KEYS.

ROA6
M4 25X20X1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22X22X1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30X8X1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

RUN 1500

SOLEMYO | OPERA | BLUEBUS | 24V

For sliding gates weighing up to 1500 kg.

Versions with electromechanical limit switch (RUN1500) **and with inductive limit switch** (RUN1500P).

User-friendly: the BlueBUS technology, enables to power and control a maximum of 7 couples of photocells using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Advanced: the temperature sensor adapts the motor force to weather conditions, setting the thermal cut-out protection accordingly; a master/slave selection automatically synchronises 2 motors, enabling the automation of sliding gates with two opposing leaves.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.

Sturdy: aluminium release handle for easy opening.

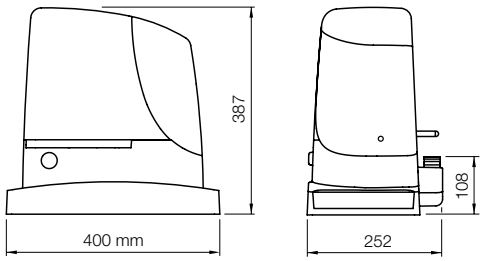
Very quiet: gear motor on bearings.

CODE	DESCRIPTION	PACK/PALLET
RUN1500	IRREVERSIBLE, 24 Vdc, WITH BUILT-IN CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 1500 kg	12
RUN1500P	IRREVERSIBLE, 24 Vdc, WITH BUILT-IN CONTROL UNIT, WITH INDUCTIVE LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 1500 kg	12

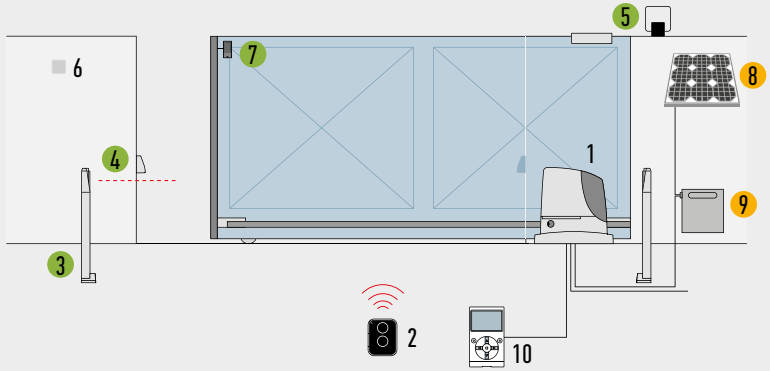
TECHNICAL SPECIFICATIONS

CODE	**RUN1500/1500P**
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	2
POWER (W)	400
PERFORMANCE DATA	
SPEED (m/s)	0.25
FORCE (N)	1000
WORK CYCLE (CYCLES/HOUR)	60
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	400x255x390 h
WEIGHT (kg)	19

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
RUN1500/1500P			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RBA3
SPARE CONTROL UNIT FOR RB400, RB600/600P, RB1000/1000P AND RUN1500/1500P.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.

PC/PACK 1

ROA7
M4 RACK, ZINC COATED, 22X22X1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30X8X1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

ROA81
M6 RACK, 30X30X1000 mm, ZINC COATED, TO BE COUPLED WITH RUA12.

PC/PACK 1

RUA12
12-TEETH PINION, MODULE 6, TO BE COUPLED WITH RACK ROA81.
The Run automation is supplied with a module 4 pinion to be used with the standard racks ROA7 and ROA8.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

RUN 1800/2500

OPERA | BLUEBUS | 230V

For sliding gates weighing up to 1800 kg (RUN1800) **and up to 2500 kg** (RUN2500).

Ventilated motor with inductive limit switch (RUN1800P/RUN2500P) **or electromechanical limit switch** (RUN1800/RUN2500I/RUN2500).

Suitable to operate in extreme conditions, in systems for intensive use.

Simple to install: the BlueBUS system enables connections by means of just two wires between the control unit and up to 15 control safety and signalling devices.

Safe: the acceleration settings (at the start of the manoeuvre) and the deceleration settings (at the end of the manoeuvre) are precise and reliable.

The temperature sensor: Run is able to manage force, adapting it to the different climatic and environmental conditions, while adapting the thermal cut-out protection and intensity of self-ventilation, depending on the temperature reading.

A **master/slave** selection also automatically synchronises 2 motors, enabling the automation of sliding gates with two opposing leaves.

Practical and functional: the control unit (and inverter on version RUN2500I), housed inside Run, can be simply connected by means of the practical connector guide.

Very quiet: gear motor on bearings.

RUN2500I version with built-in inverter

Perfect movement: the inverter enables the power supply and drive of the 3-phase motor with single-phase current at 230 Vac, acting on the frequency to adjust speed of the automation from a minimum of 8.2 m/min to maximum 15.4 m/min.
In the automation deceleration phase, the inverter, which dialogues with the control unit, increases the torque, thus improving performance and reducing the risk of the automation blocking on impact with obstacles.

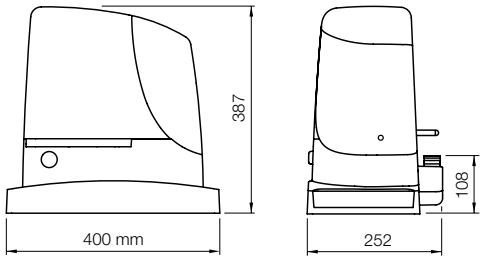
CODE	DESCRIPTION	PACK/PALLET
RUN1800	IRREVERSIBLE, 230 Vac, WITH BUILT-IN CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 1800 kg	12
RUN1800P	IRREVERSIBLE, 230 Vac, WITH BUILT-IN CONTROL UNIT, WITH INDUCTIVE LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 1800 kg	12
RUN2500	IRREVERSIBLE, 230 Vac, WITH BUILT-IN CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 2500 kg	12
RUN2500P	IRREVERSIBLE, 230 Vac, WITH BUILT-IN CONTROL UNIT, WITH INDUCTIVE LIMIT SWITCH, FOR SLIDING GATES WEIGHING UP TO 2500 kg	12
RUN2500I	IRREVERSIBLE, 230 Vac, WITH BUILT-IN CONTROL UNIT AND INVERTER, WITH ELECTROMECHANICAL LIMIT SWITCHES, FOR SLIDING GATES WEIGHING UP TO 2500 kg	12

TECHNICAL SPECIFICATIONS

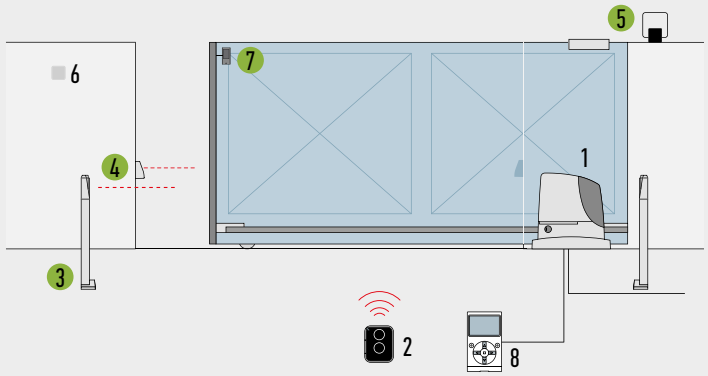
CODE	RUN1800/1800P	RUN2500/2500P	RUN2500I
ELECTRICAL DATA			
POWER SUPPLY (Vac/Hz)	230/50*		230/50-60
ABSORPTION (A)	3	3.8	3.7
POWER (W)	700	870	650
PERFORMANCE DATA			
SPEED (m/s)	0.17		0.26
FORCE (N)	1110	1390	1660
WORK CYCLE (CYCLES/HOUR)	42		56
DIMENSIONAL AND GENERAL DATA			
PROTECTION LEVEL (IP)	44		
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50		
DIMENSIONS (mm)	400x255x390 h		
WEIGHT (kg)	24.5		25

*60 Hz version available on request.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
RUN1800/1800P			●	●	●	●	●				●	●	●			●	●			●	●
RUN2500/2500P			●	●	●	●	●				●	●	●			●	●			●	●
RUN2500I			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RUA1
SPARE CONTROL UNIT FOR RUN1800/1800P AND RUN2500/2500P.

PC/PACK 1

RUA2
SPARE CONTROL UNIT FOR RUN2500I.

PC/PACK 1

RUA3
SPARE INVERTER FOR RUN2500I.

PC/PACK 1

ROA7
M4 RACK, ZINC COATED, 22X22X1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30X8X1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

ROA81
M6 RACK, 30X30X1000 mm, ZINC COATED, TO BE COUPLED WITH RUA12.

PC/PACK 1

RUA12
12-TEETH PINION, MODULE 6, TO BE COUPLED WITH RACK ROA81.
The Run automation is supplied with a module 4 pinion to be used with the standard racks ROA7 and ROA8.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TUB

400V

For sliding gates weighing up to 3500 kg.
Ideal for industrial use.
Irreversible electromechanical 400 Vac gear motor with built-in Mindy A500 control unit.

Powerful:
550 W absorbed output and a peak thrust of over 400 Nm.

Functionality and safety:
programmable, electronic brake which prevents gate inertia;
self-ventilated motor to increase the working cycles;
optional PIU card to increase the basic functions.

Maximum durability and silence:
bronze and metal gears.

Advanced:
Tub meets all requirements in terms of control, thanks to the functions which can be selected by means of dipswitches.

Practical:
the lever release enables safe and simple operation.

VENTILATED MOTOR TO INCREASE WORK CYCLE EFFICIENCY

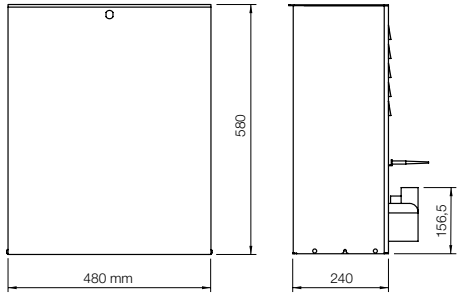
CODE	DESCRIPTION
TUB3500	IRREVERSIBLE, ELECTROMECHANICAL LIMIT SWITCH, 400 Vac, WITH BUILT-IN MINDY A500 CONTROL UNIT

TECHNICAL SPECIFICATIONS

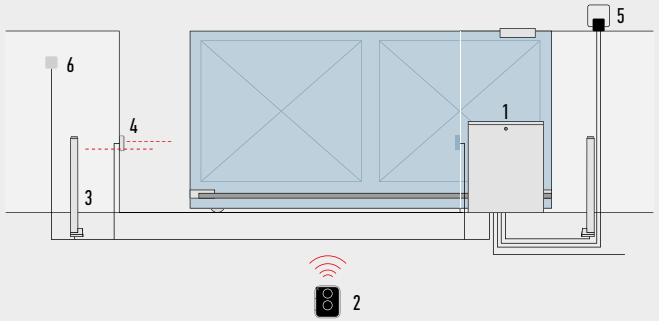
CODE	TUB3500
ELECTRICAL DATA	
POWER SUPPLY (Vac 50 Hz)*	400
ABSORPTION (A)	1.65
POWER (W)	550
PERFORMANCE DATA	
SPEED (m/s)	0.17
FORCE (N)	7740
WORK CYCLE (CYCLES/DAY)	200
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	480x240x580 h
WEIGHT (kg)	60

*Usable also at 60 Hz with consequent change in performance ratings.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES

See compatibility table on page 230

ACCESSORIES

A500
SPARE CONTROL UNIT.
PC/PACK 1

PIU
EXPANSION CARD FOR CONTROL UNIT.
PC/PACK 1

ROA81
M6 RACK, 30x30x1000 mm, ZINC COATED.
PC/PACK 1

TS
SIGNBOARD.
PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

RACKS

For sliding gates or on motors with pinion.

Plastic racks are available for gates
up to 500 kg (ROA6) and **galvanised** racks,
ideal for any type of sliding gate,
residential and industrial: ROA7 for direct
welding on the gate, and the **practical** ROA8
(the spacers are welded onto the gate,
and then the rack is screwed onto the spacers).

ROA6
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.

PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.

PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.

PC/PACK 10

ROA81
M6 RACK, 30x30x1000 mm, ZINC COATED.

PC/PACK 1

BARRIER GATE OPERATOR SYSTEMS

NICEBAR SYSTEM	110	S-BAR
	112	M-BAR
	116	L-BAR
WIDE SYSTEM	120	S-WIDE
		M-WIDE
		L-WIDE

S/M/L BAR
BARRIER GATE OPERATORS
FOR ALL SIZES

HIGH PERFORMING, RELIABLE AND DURABLE.
ELEGANT, STREAMLINED DESIGN.
CAREFULLY SELECTED MATERIALS.
GREATER CONVENIENCE, SAFETY AT ALL TIMES.

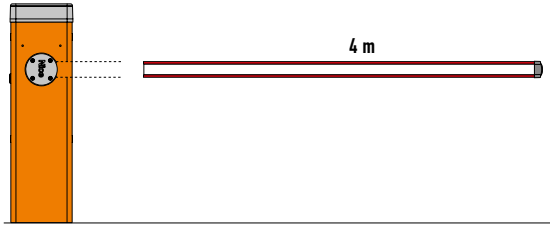
Integrated solutions for all requirements.
New range of barrier gate operators
to control road access to car parks, industrial,
private and block of flats transit areas,
including high traffic ones.

5 models in 3 standard versions,
up to 7 modular bars from 3 to 9 m.

Easy transport and optimised management
in the warehouse.

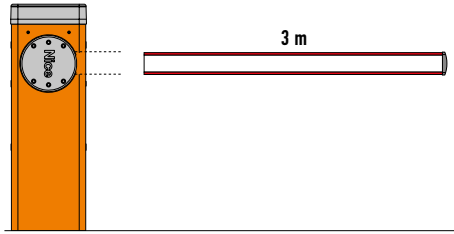
SELECTION GUIDE, COMPOSITION OF BARS AND ACCESSORIES

Bars and accessories are not included in the gear motor's code.



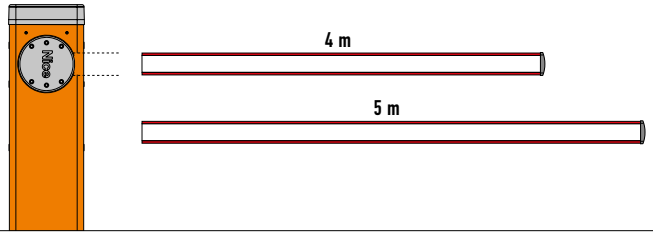
S4BAR

- **With specific 4 m bar**
  Designed for:
  protective rubber trim
  and indicator lights



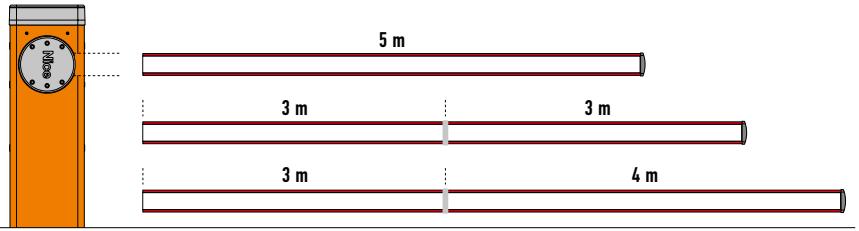
M3BAR

- **With 3 m bar**
  Designed for:
  protective rubber trim
  and indicator lights



M5BAR

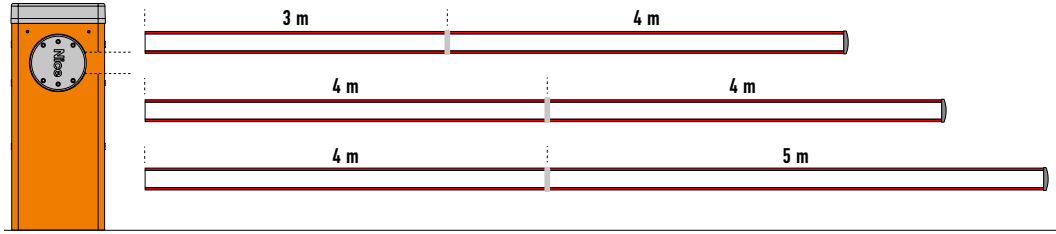
- **With 4 m bar**
  Designed for:
  protective rubber trim,
  indicator lights,
  rack (1 pc), mobile stand
- **With 5 m bar**
  Designed for:
  protective rubber trim
  and indicator lights



M7BAR

- **With 5 m bar**
  Designed for:
  protective rubber trim,
  indicator lights,
  rack (2 pcs), mobile stand
- **With bar up to 6 m (3+3 m)***
  Designed for:
  protective rubber trim,
  indicator lights,
  rack (2 pcs), mobile stand
- **With bar up to 7 m (3+4 m)***
  Designed for:
  protective rubber trim
  and indicator lights

*Use **XBA9** joint to assemble bars



L9BAR

- **With bar of 7 m (3+4 m)***
  Designed for:
  protective rubber trim,
  indicator lights,
  rack (3 pcs),
  mobile stand
- **With bar of 8 m (4+4 m)***
  Designed for:
  protective rubber trim,
  indicator lights,
  rack (3 pcs),
  mobile stand
- **With bar of 9 m (4+5 m)***
  Designed for:
  protective rubber trim
  and indicator lights

*Use **XBA9** joint to assemble bars

S-BAR

SOLEMYO | OPERA | BLUEBUS | 24V

Electromechanical road barrier system for control of road access.
24 Vdc gear motor with built-in control unit.

For bar up to 4 m.

Strength and reliability: robust structure in steel, new high strength balancing springs guaranteed up to 500,000 opening and closing operations and elliptical section bar with high wind-gust resistance.

Optional flashing or traffic light can be integrated in cover.

More comfort and safety in programming and maintenance phases: the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

More safety and reliability: obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

Energy saving: the system sets to standby when not in use to save consumption.

No blackouts: emergency backup power with the optional batteries housed inside the case.

Release from side with Nice triangular key, can be installed on either side.

IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR → 2. SELECT THE BAR → 3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

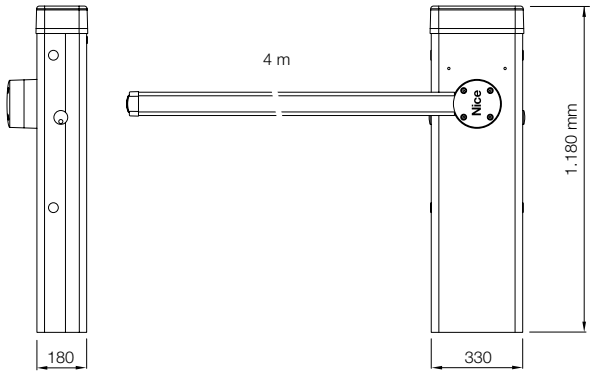
WITH BAR UP TO 4 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
S4BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH
S4BARI	WITH STAINLESS STEEL CASE

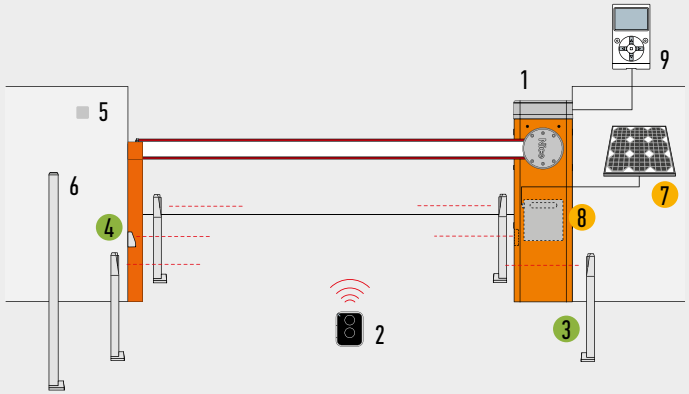
TECHNICAL SPECIFICATIONS

CODE	S4BAR	S4BARI
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	
POWER SUPPLY (Vdc)	24	
ABSORPTION (A)	1	
POWER (W)	300	
PERFORMANCE DATA		
SPEED (S)	<4	
TORQUE (Nm)	100	
WORK CYCLE (CYCLES/HOUR)	100	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	330x180x1180 h	
WEIGHT (kg)	46	

DIMENSIONS



INSTALLATION DIAGRAM



1. BARRIER
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. DIGITAL OR KEY SWITCHES
6. KEY-OPERATED SELECTOR OR DIGITAL ON POST
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
S4BAR / S4BARI			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

BARS

XBA19
WHITE PAINT-FINISHED ALUMINIUM BAR 45x58x4270 mm.

PC/PACK 1

WA10
RED ADHESIVE REFLECTOR STRIPS.

PC/PACK 24

WA11
ADJUSTABLE STAND FOR BARS.

PC/PACK 1

ACCESSORIES

XBA20
SPARE CONTROL UNIT FOR S4BAR.

PC/PACK 1

SIA1
ANCHORAGE BASE WITH CLAMPS.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

XBA7
INTEGRABLE FLASHING LIGHT.

PC/PACK 1

XBA13
RUBBER IMPACT PROTECTION STRIP. LENGTH 1 m.

PC/PACK 9

XBA4
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 4 m.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

M-BAR

SOLEMYO | OPERA | BLUEBUS | 24V

Electromechanical road barrier system for control of road access.
24 Vdc gear motor with built-in control unit and loop detector.

For bars up from 3 to 7 m.

Modular: bars are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to **"master/slave" function**.

Strength and reliability: robust structure in steel, new high strength balancing springs guaranteed up to 1,000,000 opening and closing operations and elliptical section bar with high wind-gust resistance.

Optional flashing or traffic light can be integrated in cover.

Encoder movement control and electromechanical limit switches.

More comfort and safety in programming and maintenance phases: the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

More safety and reliability:
obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

Energy saving: the system sets to standby when not in use to save consumption.

No blackouts: emergency backup power with the optional batteries housed inside the case.

Release from side with metal key, can be installed on either side.

IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR → 2. SELECT THE BAR → 3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

WITH BAR UP TO 3 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M3BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M3BARI	WITH STAINLESS STEEL CASE

WITH BAR UP TO 4 OR 5 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M5BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH. FOR INTENSIVE USE
M5BARI	WITH STAINLESS STEEL CASE

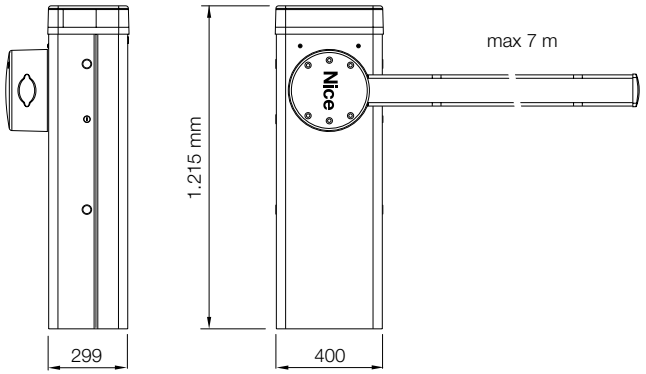
WITH BAR UP TO 5, 6 OR 7 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
M7BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH
M7BARI	WITH STAINLESS STEEL CASE

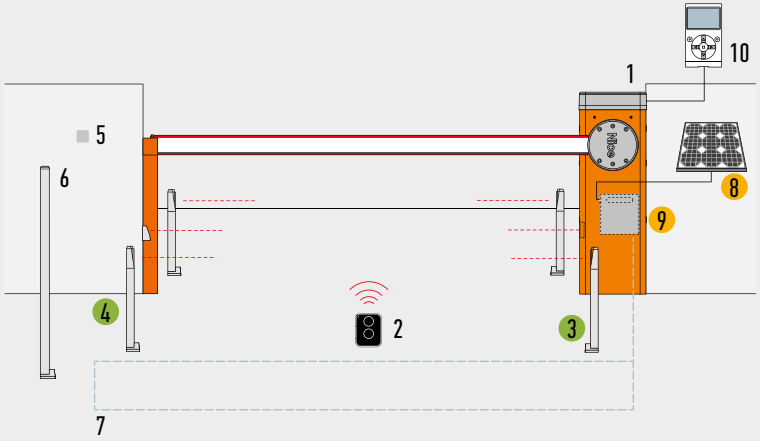
TECHNICAL SPECIFICATIONS

CODE	M3BAR	M3BARI	M5BAR	M5BARI	M7BAR	M7BARI
ELECTRICAL DATA						
POWER SUPPLY (Vac 50/60 Hz)	230					
POWER SUPPLY (Vdc)	24					
ABSORPTION (A)	1,3		1,1		1,1	
POWER (W)	150		110		110	
PERFORMANCE DATA						
SPEED MIN.÷MAX. (S)	1,5 ÷ 4		3 ÷ 6		6 ÷ 10	
TORQUE (Nm)	100		200		300	
WORK CYCLE (CYCLES/HOUR)	600		450		200	
DIMENSIONAL AND GENERAL DATA						
PROTECTION LEVEL (IP)	54					
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +55					
DIMENSIONS (mm)	400x299x1215 h					
WEIGHT (kg)	80				85	

DIMENSIONS

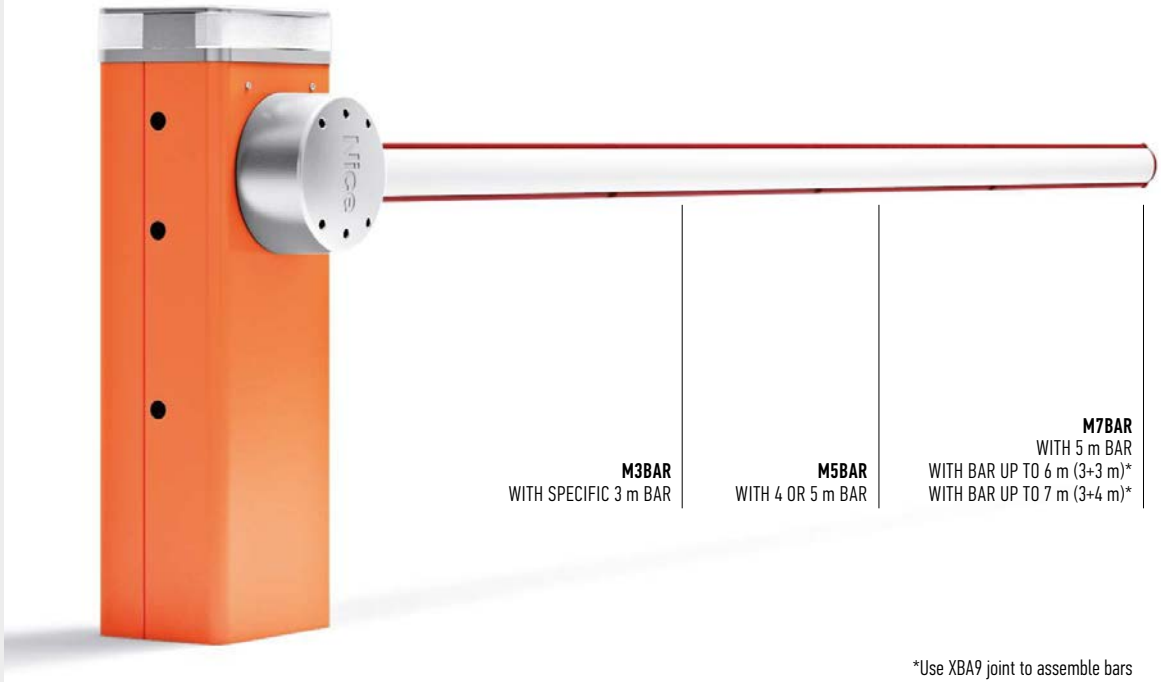


INSTALLATION DIAGRAM



1. BARRIER
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. DIGITAL OR KEY SWITCHES
6. KEY-OPERATED SELECTOR OR DIGITAL ON POST
7. LOOP DETECTOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES



M3BAR
WITH SPECIFIC 3 m BAR

M5BAR
WITH 4 OR 5 m BAR

M7BAR
WITH 5 m BAR
WITH BAR UP TO 6 m (3+3 m)*
WITH BAR UP TO 7 m (3+4 m)*

*Use XBA9 joint to assemble bars

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
M3BAR / M3BARI			●	●	●	●	●				●	●	●			●	●			●	●
M5BAR / M5BARI			●	●	●	●	●				●	●	●			●	●			●	●
M7BAR / M7BARI			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ACCESSORIES M-BAR

ACCESSORIES FOR M3BAR, M5BAR, M7BAR

XBA3HF
SPARE CONTROL UNIT.

PC/PACK 1

PS224
24 Vdc BUFFER BATTER.

PC/PACK 1

XBA13
RUBBER IMPACT PROTECTION STRIP. LENGTH 1 m.

PC/PACK 9

WA10
RED ADHESIVE REFLECTOR STRIPS.

PC/PACK 24

XBA8
INTEGRABLE TRAFFIC LIGHT.

PC/PACK 1

XBA7
INTEGRABLE FLASHING LIGHT.

PC/PACK 1

XBA16
ANCHORAGE BASE WITH CLAMPS, FOR MBAR.

PC/PACK 1

WA11
ADJUSTABLE STAND FOR BARS.

PC/PACK 1

BARS FOR M3BAR

ACCESSORIES FOR M3BAR

XBA15
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x3150 mm.

PC/PACK 1

XBA4
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 4 m.

PC/PACK 1

XBA10
PIVOT JOINT FOR BARS UP TO 4 m.

PC/PACK 1

XBA11
JOINT FOR BARS XBA15 (FROM 1950 mm TO 2400 mm).

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

BARS FOR M5BAR

XBA14
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x4150 mm

PC/PACK 1

XBA5
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x5150 mm.

PC/PACK 1

ACCESSORIES FOR M5BAR

XBA4
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 4 m.

PC/PACK 1

XBA6
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 6 m.

PC/PACK 1

XBA10
PIVOT JOINT FOR BARS UP TO 4 m.

PC/PACK 1

XBA11
JOINT FOR BARS XBA15 AND XBA14 (FROM 1950 mm TO 2400 mm).

PC/PACK 1

WA12
MOBILE STAND FOR BARS - *NEW FULLY REINFORCED VERSION.*

PC/PACK 1

WA13
ALUMINIUM RACK UP TO 2 m.

PC/PACK 1

BARS FOR M7BAR

XBA15
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x3150 mm.

PC/PACK 1

XBA14
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x4150 mm

PC/PACK 1

XBA5
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x5150 mm.

PC/PACK 1

ACCESSORIES FOR M7BAR

XBA9
EXPANSION JOINT.

PC/PACK 1

XBA6
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 6 m.

PC/PACK 1

XBA18
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 8 m.

PC/PACK 1

WA12
MOBILE STAND FOR BARS - *NEW FULLY REINFORCED VERSION.*

PC/PACK 1

WA13
ALUMINIUM RACK UP TO 2 m.

PC/PACK 1

L-BAR

SOLEMYO | OPERA | BLUEBUS | 24V

Electromechanical road barrier system for control of road access.
24 Vdc gear motor with built-in control unit and loop detector.

Powerful and fast, for bars from 7 to 9 m.

Modular: bars are easily assembled using the aluminium expansion joint.

Possibility for intelligent control of two opposing automations thanks to **"master/slave" function**.

Strength and reliability: robust structure in steel, new high strength balancing springs guaranteed up to 1,000,000 opening and closing operations and elliptical section bar with high wind-gust resistance.

Optional flashing or traffic light can be integrated in cover.

Encoder movement control and electromechanical limit switches.

More comfort and safety in programming and maintenance phases: the separate enclosures for electronics and mechanics protect internal parts from potential risks.

Rapid and easy access to the control unit located in the upper section of the barrier body.

Simple fixture of the completely concealed photocells onto the specially designed seats on the barrier body.

More safety and reliability:
obstacle detection and monitoring of motor absorption during automation movement.

Automatic fault diagnostics during operation with consequent signalling of fault type through specific flash sequences.

Provision for connection of latest generation optical and resistive sensitive edges (with 8.2 KOhm resistance).

Energy saving: the system sets to standby when not in use to save consumption.

No blackouts: emergency backup power with the optional batteries housed inside the case.

Release from side with metal key, can be installed on either side.

IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR → 2. SELECT THE BAR → 3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

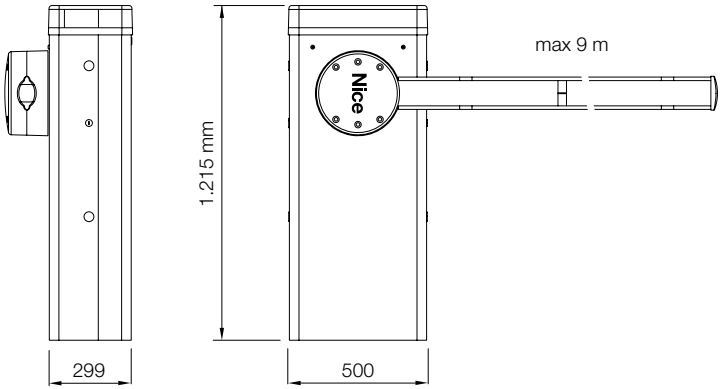
FOR BARS UP TO 9 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
L9BAR	WITH STEEL CASE WITH PROTECTIVE CATAPHORESIS TREATMENT AND PAINT FINISH
L9BARI	WITH STAINLESS STEEL CASE

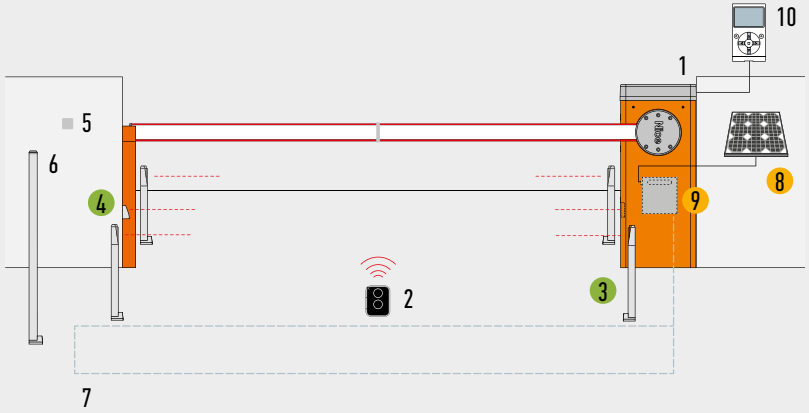
TECHNICAL SPECIFICATIONS

CODE	L9BAR	L9BARI
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	
ABSORPTION (A)	1.3	
POWER (W)	160	
PERFORMANCE DATA		
SPEED MIN.÷MAX. (S)	8 ÷ 12	
TORQUE (Nm)	400	
WORK CYCLE (CYCLES/HOUR)	150	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	54	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	500x299x1215 h	
WEIGHT (kg)	98	

DIMENSIONS



INSTALLATION DIAGRAM



1. BARRIER
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. DIGITAL OR KEY SWITCHES
6. KEY-OPERATED SELECTOR OR DIGITAL ON POST
7. LOOP DETECTOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
L9BAR / L9BARI			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

BARS

XBA15
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x3150 mm.

PC/PACK 1

XBA14
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x4150 mm.

PC/PACK 1

XBA5
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x5150 mm.

PC/PACK 1

XBA9
EXPANSION JOINT.

PC/PACK 1

XBA13
RUBBER IMPACT PROTECTION STRIP. LENGTH 1 m.

PC/PACK 9

WA10
RED ADHESIVE REFLECTOR STRIPS.

PC/PACK 24

XBA18
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 8 m.

PC/PACK 1

XBA8
INTEGRABLE TRAFFIC LIGHT.

PC/PACK 1

XBA7
INTEGRABLE FLASHING LIGHT.

PC/PACK 1

WA13
ALUMINIUM RACK UP TO 2 m.

PC/PACK 1

XBA17
ANCHORAGE BASE WITH CLAMPS, FOR L9BAR.

PC/PACK 1

ACCESSORIES

XBA3HF
SPARE CONTROL UNIT.

PC/PACK 1

PS224
24 Vdc BUFFER BATTER.

PC/PACK 1

WA12
MOBILE STAND FOR BARS - *NEW FULLY REINFORCED VERSION.*

PC/PACK 1

WA11
ADJUSTABLE STAND FOR BARS.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

NICE WIDE, SOLID AND ESSENTIAL

EASY TO INSTALL

Large front door for quick and easy access.
The bar can be assembled either on the right or left.
Easily removable reinforced gear motor support.

VANDAL-PROOF SAFETY

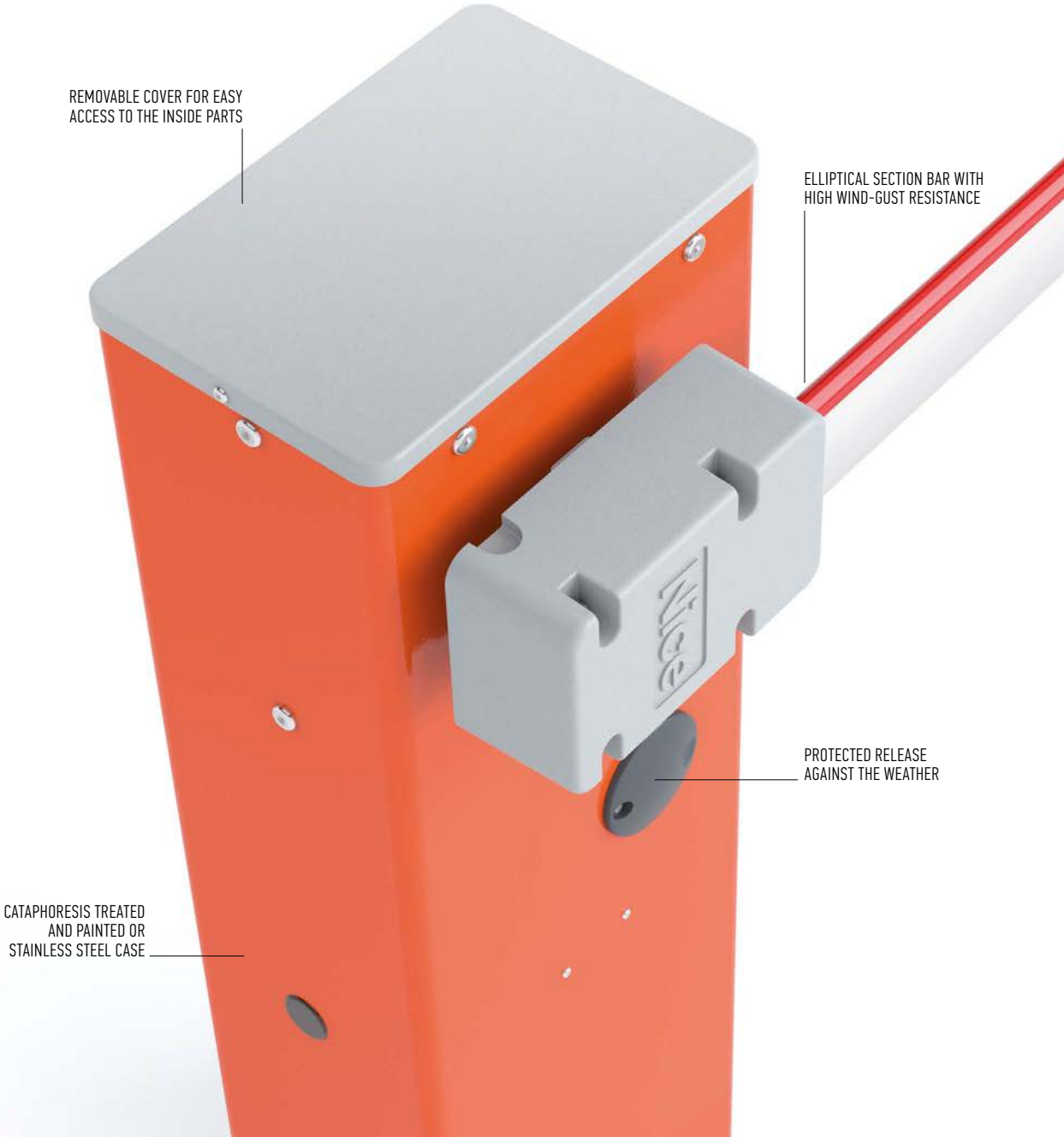
Photocells integrated inside the barrier body, minimum visual impact and maximum protection.

PRACTICAL TO MAINTAIN

The built-in control unit can be removed to simplify wiring and maintenance. A backup battery installed inside the control unit prevents blackout problems.

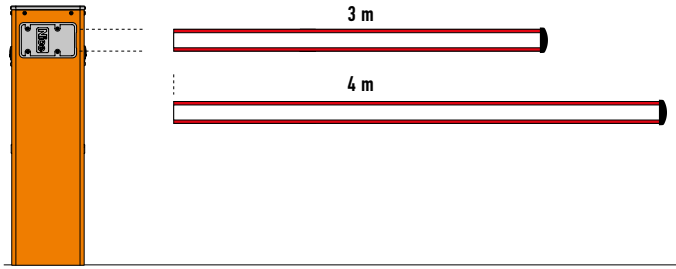
COMFORTABLE AND INTUITIVE RELEASE

Easy release of barrier system thanks to a triangular key.



SELECTION GUIDE, BARS AND ACCESSORIES

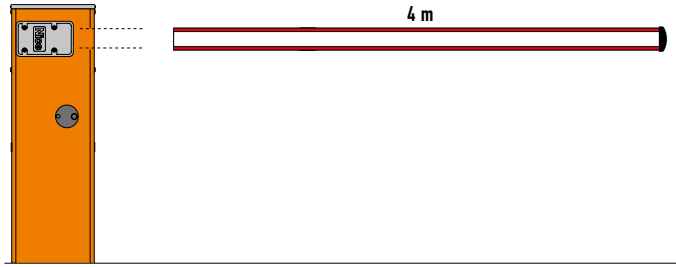
Bars and accessories are not included in the gear motor's code.



WIDES

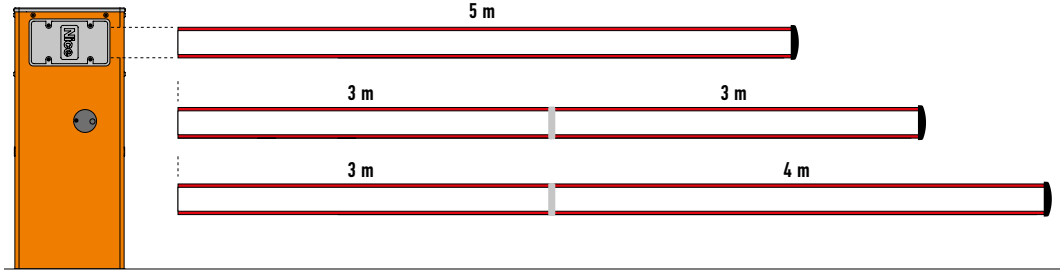
- **With 3 m bar**
  Can be fitted with:
  protective rubber trim,
  indicator lights,
  pivot joint,
  rack (1 pc)

- **With 4 m bar**
  Can be fitted with:
  protective rubber trim,
  indicator lights,
  pivot joint



WIDEM

- **With 4 m bar**
  Can be fitted with:
  protective rubber trim,
  indicator lights
  pivot joint,
  joint forbar, rack (2 pcs)
  mobile stand



WIDEL

- **With 5 m bar**
  Can be fitted with:
  protective rubber trim,
  indicator lights,
  rack (2 pcs),
  mobile stand

- **With 6 m bar (3+3 m)***
  Can be fitted with:
  protective rubber trim,
  indicator lights,
  rack (2 pcs),
  mobile stand

- **With 7 m bar (3+4 m)***
  Can be fitted with:
  protective rubber trim,
  indicator lights

*Use the **XBA9** joint to assemble bars

WIDE SYSTEM

NEW | 24V

Electromechanical road barrier system for control of road access.

24 Vdc gear motor, with built-in control unit, adjustable speed and anti-crush safety function.

Two types of case available, galvanized steel or stainless steel (AISI 304) in **three sizes from 3 to 7 metres long.**

More comfort and safety in programming and maintenance
The same built-in control unit is used on all versions, and is installed in the bottom part of the barrier body.
Large front door for quick and easy access.
Easily-removable reinforced gear motor support.

Maximum anti-crush safety
when both opening and closing; barrier body supports on the inside for minimum visual impact.

Electronically-adjustable speed from 3.5" (Wide M) to 5" (Wide L) for fast opening.

Sturdiness, reliability and easy installation
Elliptical section bar for lighter weight and higher wind-gust resistance; special profile for fast assembly of the accessories.

Optional pivot joint to protect the barrier in the event of collision.

The bar can be assembled either on the right or left.

Easy to balance, thanks to practical spring tension adjustment.

No blackouts: operation is guaranteed in the event of power outages by the PS234 backup battery installed inside the control unit.

Release with triangular key protected against the weather.

IN ORDER TO HAVE A FULLY FUNCTIONAL BARRIER GATE OPERATOR SYSTEM:

1. CHOOSE THE GEAR MOTOR → 2. SELECT THE BAR → 3. COMPLETE THE SYSTEM WITH THE OPTIONAL ACCESSORIES

WITH BAR UP TO 4 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
WIDES	WITH PAINTED GALVANISED STEEL CASE
WIDESI	WITH STAINLESS STEEL CASE
WIDEM	WITH PAINTED GALVANISED STEEL CASE
WIDEMI	WITH STAINLESS STEEL CASE

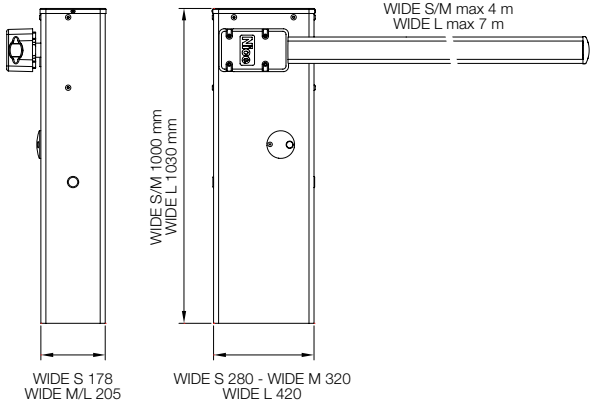
WITH BAR UP TO 7 m, IRREVERSIBLE 230 Vac, 24 Vdc MOTOR, WITH FOUNDATION PLATE:

CODE	DESCRIPTION
WIDEL	WITH PAINTED GALVANISED STEEL CASE
WIDELI	WITH STAINLESS STEEL CASE

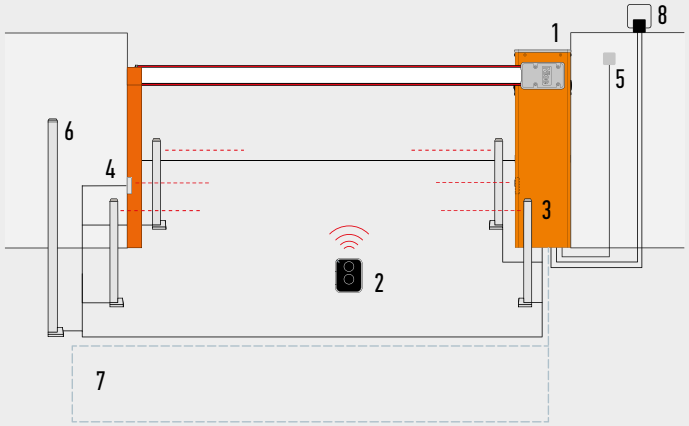
TECHNICAL SPECIFICATIONS

CODE	WIDES - WIDESI	WIDEM - WIDEMI	WIDEL - WIDELI
ELECTRICAL DATA			
POWER SUPPLY (Vac 50/60 Hz)		230	
ABSORPTION (A)	1	1.1	0.6
POWER (W)	300		360
PERFORMANCE DATA			
SPEED (S)	4	3.5	5
TORQUE (Nm)	100	140	200
WORK CYCLE (CYCLES/HOUR)	100	300	200
DIMENSIONAL AND GENERAL DATA			
PROTECTION LEVEL (IP)		54	
WORKING TEMP. (°C MIN/MAX)		-20 ÷ +50	
DIMENSIONS (mm)	280x178x1000 h	320x205x1000 h	420x205x1030 h
WEIGHT (kg)	40	46	54

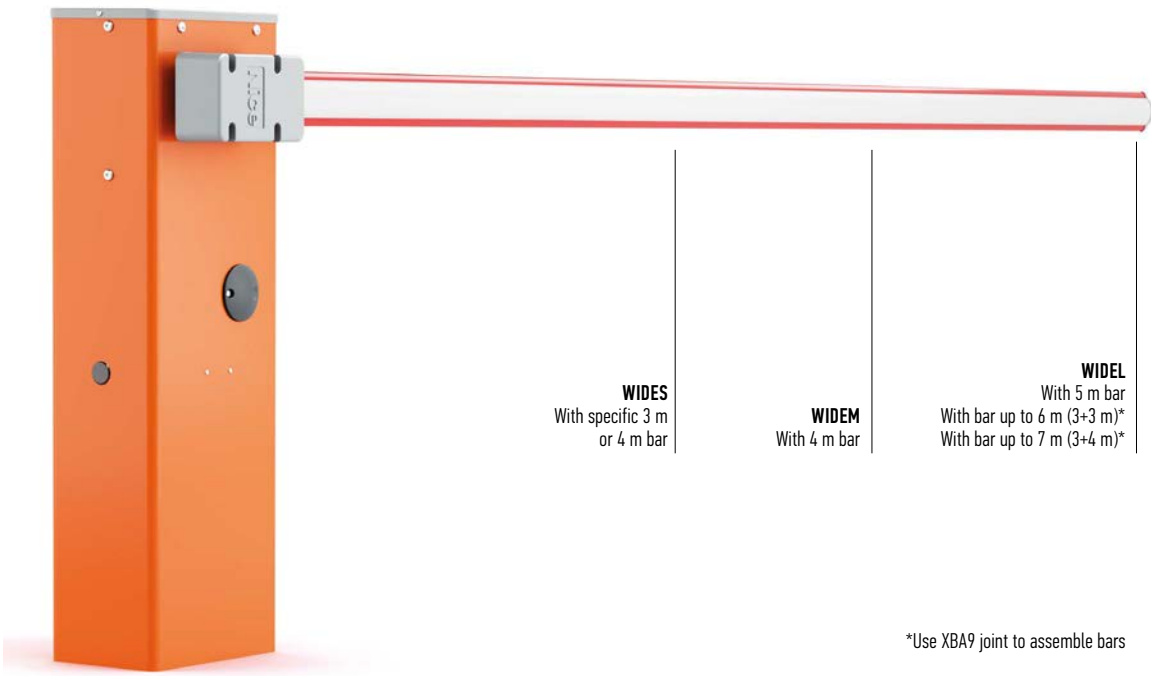
DIMENSIONS



INSTALLATION DIAGRAM



1. BARRIER
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. DIGITAL OR KEY SWITCHES
6. KEY-OPERATED SELECTOR OR DIGITAL ON POST
7. LOOP DETECTOR
8. FLASHING LIGHT



WIDES
With specific 3 m
or 4 m bar

WIDEM
With 4 m bar

WIDEL
With 5 m bar
With bar up to 6 m (3+3 m)*
With bar up to 7 m (3+4 m)*

*Use XBA9 joint to assemble bars

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
WIDES - WIDESI			●	●	●	●	●	●	●	●				●	●				●		
WIDEM - WIDEMI			●	●	●	●	●	●	●	●				●	●				●		
WIDEL - WIDELI			●	●	●	●	●	●	●	●				●	●				●		

*Radio receiver incompatible with Opera system

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

ACCESSORIES WIDE

COMMON ACCESSORIES

WIA20
SPARE CONTROL UNIT.

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

XBA13
RUBBER IMPACT PROTECTION STRIP. LENGTH 1 m.

PC/PACK 9

WA10
RED ADHESIVE REFLECTOR STRIPS.

PC/PACK 24

WA11
ADJUSTABLE STAND FOR BARS.

PC/PACK 1

WA13
ALUMINIUM RACK UP TO 2 m.

PC/PACK 1

BARS FOR WIDE S

XBA19
WHITE PAINT-FINISHED ALUMINIUM BAR 45x58x4270 mm.

PC/PACK 1

ACCESSORIES FOR WIDE S

XBA4
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 4 m.

PC/PACK 1

WIA10
PIVOT JOINT.

PC/PACK 1

SIA1
ANCHORAGE BASE WITH CLAMPS.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

BARS FOR WIDE M

XBA19
WHITE PAINT-FINISHED ALUMINIUM BAR 45x58x4270 mm.

PC/PACK 1

ACCESSORIES FOR WIDE M

XBA4
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 4 m.

PC/PACK 1

WIA10
PIVOT JOINT.

PC/PACK 1

SIA1
ANCHORAGE BASE WITH CLAMPS.

PC/PACK 1

WA12
MOBILE STAND FOR BARS *- NEW FULLY REINFORCED VERSION.*

PC/PACK 1

WIA11
JOINT FOR BAR FOR WIDE M.

PC/PACK 1

BARS FOR WIDE L

XBA15
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x3150 mm.

PC/PACK 1

XBA14
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x4150 mm

PC/PACK 1

XBA5
WHITE PAINT-FINISHED ALUMINIUM BAR 69x92x5150 mm.

PC/PACK 1

ACCESSORIES FOR WIDE L

XBA9
EXPANSION JOINT.

PC/PACK 1

XBA6
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 6 m.

PC/PACK 1

XBA18
INDICATOR LIGHTS FOR CLICK FIXTURE ON UPPER OR LOWER SIDE OF BAR. LENGTH 8 m.

PC/PACK 1

SIA2
ANCHORAGE BASE WITH CLAMPS.

PC/PACK 1

WA12
MOBILE STAND FOR BARS *- NEW FULLY REINFORCED VERSION.*

PC/PACK 1

SYSTEMS FOR GARAGE AND INDUSTRIAL

FOR SECTIONAL AND UP-AND-OVER DOORS	130	SPYKIT 550
	132	SPYKIT 650/800
	134	SPINBUS
	138	SPINBUSKIT 20/21/22
	140	SPINBUSKIT 23
	142	SPINKIT
FOR UP-AND-OVER AND ARTICULATED DOORS	144	TEN
	146	TENKIT
FOR SECTIONAL DOORS	148	SOON
	150	SUMO
FOR FOLDING 2-LEAF DOORS	152	HYPPO 7100
FOR BALANCED ROLLING DOORS	156	GIRO
	158	RONDO

SELECTION GUIDE

FOR SECTIONAL AND UP-AND-OVER DOORS, IN KIT

Irreversible, 24 Vdc, with built-in control unit, transmission with rack on the rail
SPY
SPYKIT
pages 130/133

NEW

with BlueBUS technology. Compatible for operation with Solemyo and Opera

- for sectional doors up to 10.5 m2 for up-and-over doors up to 11.5 m2 → **SPY650KCE**
- for sectional doors up to 12.5 m^2 for up-and-over doors up to 14 m^2 → **SPY800KCE**
- for sectional doors up to 9 m^2 for up-and-over doors up to 10.5 m^2 → **SPY550KCE**

FOR SECTIONAL AND UP-AND-OVER DOORS, ALSO AVAILABLE IN KIT

Irreversible, 24 Vdc, with built-in control unit and BlueBUS technology, belt drive.
SPINBUS
SPINBUSKIT
pages 134/141

compatible for operation with Solemyo and Opera

- for sectional doors up to 10.5 m^2 and for up-and-over doors up to 11.8 m^2
  - guide in three 1-metre sections → **SPIN30**
  - without guide → **SN6031**
  - **KIT** complete with guide in one 3-metre section → **SPIN23KCE**
- for sectional doors up to 12.5 m^2 and for up-and-over doors up to 11.8 m^2. Guide in three 1-metre sections → **SPIN40**
- for sectional doors up to 17.5 m^2 and for up-and-over doors up to 14.7 m^2. Without guide → **SN6041**

KIT — for sectional doors up to 10.5 m^2 and for up-and-over doors up to 11.8 m^2

- complete with guide in three 1-metre sections → **SPIN20KCE**
- complete with guide in one 3-metre section → **SPIN21KCE**
- complete with guide in one 3-metre section + one 1-metre section → **SPIN22KCE**

FOR SECTIONAL AND UP-AND-OVER DOORS, IN KIT

Irreversible, 230 Vac,
with built-in control unit
and receiver, belt drive.
SPINKIT
pages 142/143

- for sectional doors up to 8.8 m² and for up-and-over doors up to 9.8 m²
  - complete with guide in three 1-metre sections → **SPIN10KCE**
  - complete with guide in one 3-metre section → **SPIN11KCE**

FOR UP-AND-OVER DOORS, ALSO AVAILABLE IN KIT

Irreversible, 24 Vdc.
TEN
TENKIT
pages 144/147

- with built-in control unit
  - with built-in BlueBUS technology, compatible for operation with Solemyo and Opera → for doors up to 9/16 m² → **TN2010L**
  - with built-in receiver courtesy light and electromechanical limit switch → for doors up to 9/16 m² → **TN2030L**
- without built-in control unit → with courtesy light → for doors up to 9/16 m² → **TN2020L**
- **KIT,** with built-in control unit and receiver courtesy light and electromechanical limit switch → for doors up to 9 m² → **TNLKCE**

SELECTION GUIDE

FOR SECTIONAL DOORS, IDEAL FOR INDUSTRIAL AND COMMERCIAL USE

Irreversible with built-in control unit
24 Vdc motor, with absolute encoder
and incorporated BlueBUS technology.
Compatible for operation
with Solemyo and Opera.

SOON
pages 148/149

→ for doors up to 20 m² → **SO2000**

FOR SECTIONAL AND SLIDING 2-LEAF DOORS FOR INDUSTRIAL AND COMMERCIAL USE

Irreversible, 24 Vdc motor,
with magnetic encoder,
with no need for limit switch
adjustment.

SUMO
pages 150/151

- IP44
  - cruising speed, up to 35 m² → **SU2000**
  - increased speed, up to 25 m² → **SU2000V**
  - high speed, up to 15 m² → **SU2000VV**
- IP54, up to 35 m² → **SU2010**

FOR FOLDING 2-LEAF DOORS

Irreversible
with telescopic arm.
HYPPO
pages 152/153

- 230 Vac with limit switch on opening and closing → **HY7100**
- 24 Vdc version with magnetic encoder.
  Compatible with control units with BlueBUS technology,
  Solemyo and Opera → **HY7124**

SPYKIT 550

NEW | OPERA | 24V

For sectional doors up to 9 m² and up-and-over doors (including canopy doors) up to 10.5 m².

24 Vdc irreversible electromechanical gear motor for residential use, **transmission with rack on the rail**.

To be combined with SPYRAIL321, SPYRAIL162 and SPYRAIL081 rails.

Functional and stylish: the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

Handy
Separate control unit: more practical and convenient for programming and maintenance.
Built-in LED courtesy light. Three practical keys to control the automation.

Quick to install
Modular rail with assembly accessories. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

Easy to program
Simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using O-View.

ON/OFF release system: pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

Inexpensive to run and environmentally-friendly: when connected to the mains in standby mode, the control unit consumes 1.5 W.

Safe: obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

Optimised logistics
For practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sectionsplus a 0.8 m extension.

THE KIT CONTAINS:

SPY550
1 X SPY550 GEARMOTOR, 550 N.

SPYBOX
1 CONTROL UNIT WITH BUILT-IN LED COURTESY LIGHT AND RECEIVER.

FLO2RE
1 X 433.92 MHz 2 CHANNEL TRANSMITTER.

CODE	DESCRIPTION	PACK/PALLET
SPY550KCE	KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 550 N, WITH SPYBOX CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED	48

RAIL FOR SPY:

CODE	DESCRIPTION	PACK/PALLET
SPYRAIL321	1 X 3.2 m RAIL WITH ASSEMBLY ACCESSORIES	48
SPYRAIL162	2 X 1.6 m RAILS WITH ASSEMBLY ACCESSORIES	48
SPYRAIL081	0.8 m EXTENSION WITH ASSEMBLY ACCESSORIES (TO ADD TO THE OTHER RAILS SO AS TO REACH A LENGTH OF 4 m)	48

TECHNICAL SPECIFICATIONS

CODE	SPY550KCE
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230 ± 10%
CURRENT DRAW (A)	1.2
MAXIMUM POWER (W)	200
POWER IN STANDBY (W)	1.5
PERFORMANCE DATA	
MAXIMUM SPEED (m/s)	0.15
MAXIMUM FORCE (N)	550
NOMINAL FORCE (N)	180
WORKING CYCLE (CYCLES/HOUR)	20
WORKING CYCLE (CYCLES/DAY)	200
DIMENSIONAL AND GENERAL DATA	
INGRESS PROTECTION (IP)	IP40
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +55
PACK DIMENSIONS (mm)	380x380x125
WEIGHT (kg)	3.2

UTILISATION LIMITS

Using the maximum travel

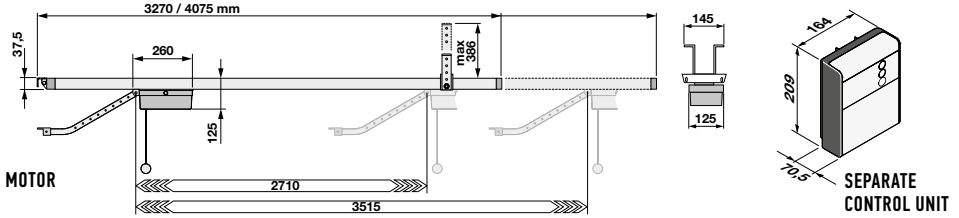
	NON-PROJECTING UP-AND-OVER DOOR (WITH SPA5)		PROJECTING UP-AND-OVER DOOR (WITH SPA5) ACCESSORY OR WITH SPRINGS (WITHOUT SPA5)		SECTIONAL	
	H	L	H	L	H	L
SPY550 with 3.2 m rail	**2.3 m**	**3.5 m**	**2.8 m**	**3.5 m**	**2.5 m**	**3.6 m**
SPY550 with 4 m rail	**3.1 m**	**2.6 m**	**3.5 m**	**2.9 m**	**3.3 m**	**2.8 m**

RAIL TECHNICAL SPECIFICATIONS

CODE	SPYRAIL321	SPYRAIL162	SPYRAIL081*
TYPE	3.2 m (one section)	3.2 m (2 pcs length 1,6 m)	0.8 m (rails to reach length 4 m)
INSTALLED RAIL LENGTH (mm)	3.270		4.075
USEFUL TRAVEL (mm)	2.710		3.515
WEIGHT (kg)	7.5	8.35	3.3
PACK DIMENSIONS (mm)	3.230x110x50	1.760x110x50	960x110x50
ACCESSORIES PACK DIMENSIONS (mm)	400x400x90		

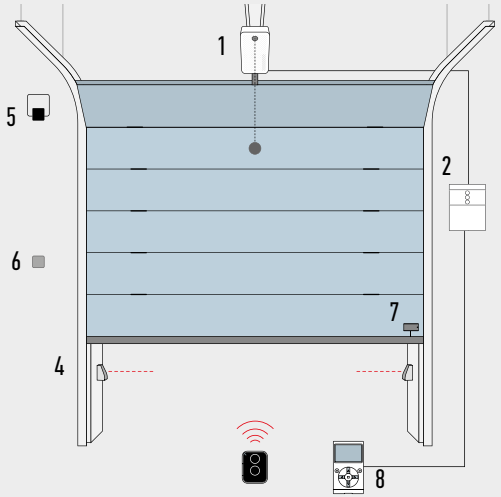
*To be used in combination with SPYRAIL321 e SPYRAIL162 rails

DIMENSIONS



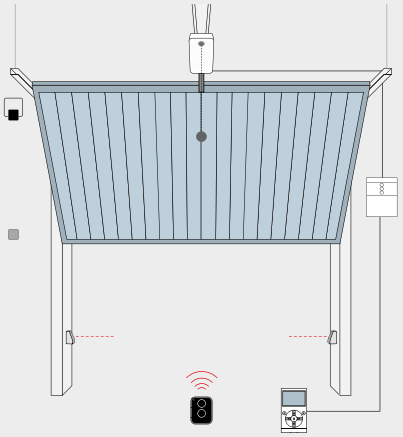
INSTALLATION DIAGRAM

Sectional

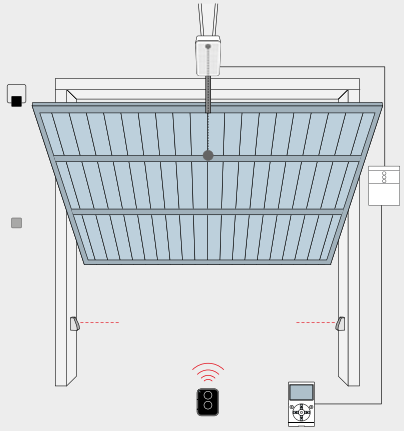


1. MOTOR
2. CONTROL UNIT
3. TRANSMITTER
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSOR FOR SENSITIVE EDGE
8. SYP SOLAR PANEL

Non-projecting up-and-over door



Projecting up-and-over door



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER					PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	SMXI	OXI	ERA INTI	ERA ONE**	ERA FLOR	NICEWAY	TTX4	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SPYBOX	●			●	●	●	●	●	●	●	●				●	●				●	●	●
SPYBOXB	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●

*Radio receiver incompatible with Opera system
**ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR models.

ACCESSORIES

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

KI1
OUTSIDE RELEASE KIT WITH METAL PULL-CORD AND LOCK AND KEY.

PCS./PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PCS./PACK 1

IBT4N
INTERFACE FOR CONNECTING THE O-VIEW PROGRAMMING UNIT.

PCS./PACK 1

TS
SIGNBOARD.

PCS./PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPYKIT 650/800

NEW | SOLEMYO | OPERA

For sectional doors up to 10.5 m² (SPY650) **and 12.5 m²** (SPY800)**, up-and-over doors, including canopy doors, up to 11.5 m²** (SPY650) **and 14 m²** (SPY800)**.**

24 Vdc irreversible electromechanical gear motor for residential use, **transmission with rack on the rail.**

To be combined with SPYRAIL321, SPYRAIL162 and SPYRAIL081 rails.

Functional and stylish: the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

Handy
Separate control unit: more practical and convenient for programming and maintenance.
Built-in LED courtesy light. Three practical keys to control the automation.

Quick to install
Modular rail with assembly accessories. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

Simple to install with the BlueBus system, requiring just two wires for connection between the control unit and the pairs of photocells and other accessories featuring BlueBus technology.

Easy to program
Simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using O-View.

ON/OFF release system: pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

Inexpensive to run and environmentally-friendly: when connected to the mains in standby mode, the control unit consumes just 0.5 W. When connected to the battery or the Solemyo kit, power consumption in standby mode is reduced to 0.1 W.

No blackouts: operation is guaranteed even when mains power is not available, thanks to the optional PS324 backup battery.

Safe: obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

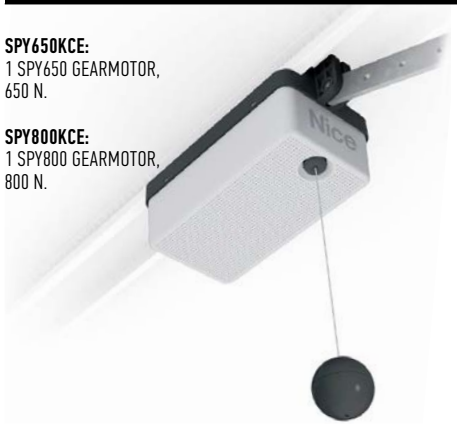
Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

Optimised logistics
For practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sectionsplus a 0.8 m extension.

THE KIT CONTAINS:

SPY650KCE:
1 SPY650 GEARMOTOR, 650 N.

SPY800KCE:
1 SPY800 GEARMOTOR, 800 N.



SPYBOXB
1 CONTROL UNIT WITH BUILT-IN LED COURTESY LIGHT, RECEIVER OR OXI CONNECTION. OPTIONAL PS324 BACKUP BATTERIES.

FLO2RE
1 X 433.92 MHz 2 CHANNEL TRANSMITTER.

CODE	DESCRIPTION	PACK/PALLET
SPY650KCE	KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 650 N, WITH SPYBOXB CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED	48
SPY800KCE	KIT FOR THE AUTOMATION OF SECTIONAL AND UP-AND-OVER DOORS, 800 N, WITH SPYBOXB CONTROL UNIT AND 1 FLO2RE TRANSMITTER. RAILS NOT INCLUDED	48

RAIL FOR SPY:

CODE	DESCRIPTION	PACK/PALLET
SPYRAIL321	1 X 3.2 m RAIL WITH ASSEMBLY ACCESSORIES	48
SPYRAIL162	2 X 1.6 m RAILS WITH ASSEMBLY ACCESSORIES	48
SPYRAIL081	0.8 m EXTENSION WITH ASSEMBLY ACCESSORIES (TO ADD TO THE OTHER RAILS SO AS TO REACH A LENGTH OF 4 m)	48

TECHNICAL SPECIFICATIONS

CODE	SPY650KCE	SPY800KCE
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230 ± 10%	
CURRENT DRAW (A)	1.4	1.6
MAXIMUM POWER (W)	250	300
POWER IN STANDBY (W)	0.5	0.5
PERFORMANCE DATA		
MAXIMUM SPEED (m/s)	0.15	0.14
MAXIMUM FORCE (N)	650	800
NOMINAL FORCE (N)	200	250
WORKING CYCLE (CYCLES/HOUR)	30	30
WORKING CYCLE (CYCLES/DAY)	300	300
DIMENSIONAL AND GENERAL DATA		
INGRESS PROTECTION (IP)	IP40	
OPERATING TEMP. (°C MIN/MAX)	-20 ÷ +55	
PACK DIMENSIONS (mm)	380x380x125	
WEIGHT (kg)	3.2	3.4

UTILISATION LIMITS

Using the maximum travel

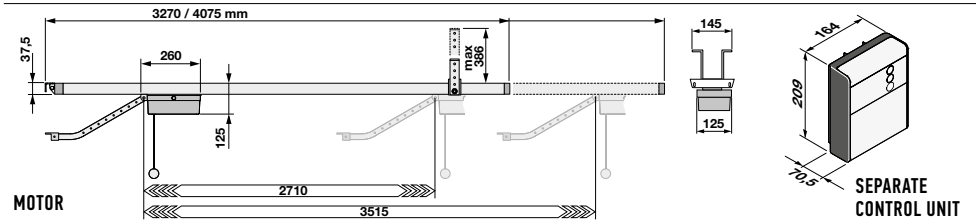
	NON-PROJECTING UP-AND-OVER DOOR (WITH SPA5)		PROJECTING UP-AND-OVER DOOR (WITH SPA5) ACCESSORY OR WITH SPRINGS (WITHOUT SPA5)		SECTIONAL	
	H	L	H	L	H	L
SPY650 with 3.2 m rail	**2.3 m**	**4 m**	**2.8 m**	**4 m**	**2.5 m**	**4.2 m**
SPY650 with 4 m rail	**3.1 m**	**3 m**	**3.5 m**	**3.3 m**	**3.3 m**	**3.2 m**
SPY800 with 4 m rail	**2.3 m**	**5 m**	**2.8 m**	**5 m**	**2.5 m**	**5 m**
SPY800 with 4 m rail	**3.1 m**	**3.7 m**	**3.5 m**	**4 m**	**3.3 m**	**3.8 m**

RAIL TECHNICAL SPECIFICATIONS

CODE	SPYRAIL321	SPYRAIL162	SPYRAIL081*
TYPE	3.2 m (one section)	3.2 m (2 pcs length 1,6 m)	0.8 m (rails to reach length 4 m)
INSTALLED RAIL LENGTH (mm)	3.270		4.075
USEFUL TRAVEL (mm)	2.710		3.515
WEIGHT (kg)	7.5	8.35	3.3
PACK DIMENSIONS (mm)	3.230x110x50	1.760x110x50	960x110x50
ACCESSORIES PACK DIMENSIONS (mm)	400x400x90		

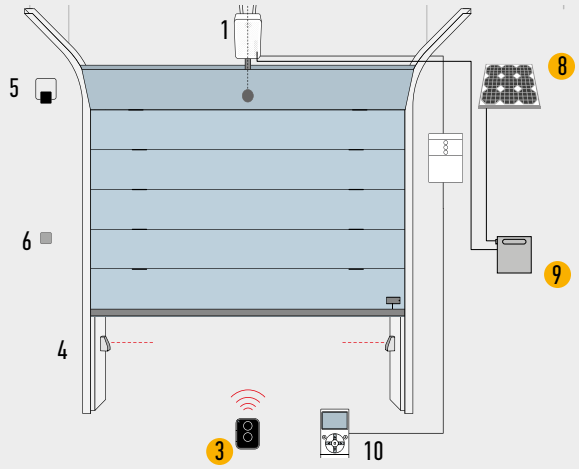
*To be used in combination with SPYRAIL321 e SPYRAIL162 rails

DIMENSIONS



INSTALLATION DIAGRAM

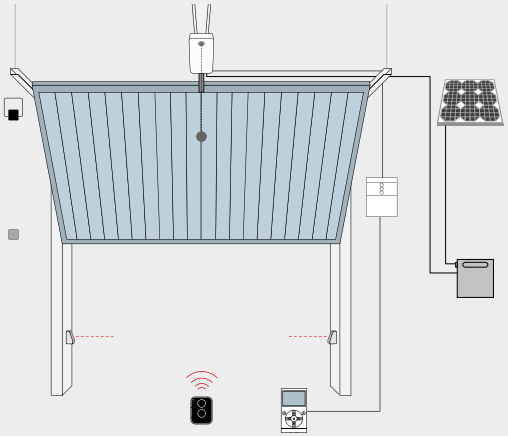
Sectional



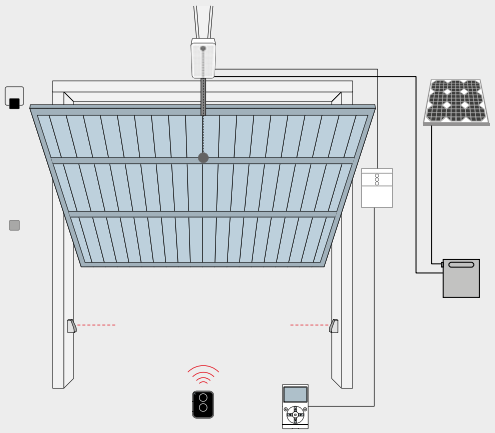
1. MOTOR
2. CONTROL UNIT
3. TRANSMITTER
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSOR FOR SENSITIVE EDGE
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

Non-projecting up-and-over door



Projecting up-and-over door



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER					PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	SMXI	OXI	ERA INTI	ERA ONE**	ERA FLOR	NICEWAY	TTX4	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SPYBOX	●			●	●	●	●	●	●	●	●				●	●				●	●	●
SPYBOXB	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●

*Radio receiver incompatible with Opera system
**ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR models.

ACCESSORIES

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.
ONLY FOR TN2010L.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

KI1
OUTSIDE RELEASE KIT WITH METAL PULL-CORD AND LOCK AND KEY.

PCS./PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PCS./PACK 1

IBT4N
INTERFACE FOR CONNECTING THE O-VIEW PROGRAMMING UNIT.

PCS./PACK 1

TS
SIGNBOARD.

PCS./PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPINBUS

SOLEMYO | OPERA | BLUEBUS | 24V

For sectional doors up to 12.5 m² and up-and-over garage doors up to 11.8 m².
Irreversible electromechanical gear motor, for residential use, with belt drive, 24 Vdc motor, with magnetic encoder.

Complete version of the guide in 3x1 m sections.

Rapid installation - anywhere!
The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

Guaranteed savings and respect for the environment: with the connection to the mains in standby mode the control unit with radio connected consumes just 0.8 W (SPIN30) and 1.2 W (SPIN40); when connected to a battery or to the Solemyo kit, consumption in standby mode is reduced to 0.036 W.

User-friendly thanks to the BlueBUS system: which enables connection by means of just two wires between the control unit and pair of photocells.

Safe: obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.
Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.
Can be connected with latest generation sensitive edges 8.2 KOhm.

Luminous: 40 W lamp that can be used as garage lightning.

THREE-SECTION GUIDE IN GALVANISED STEEL WITH BELT DRIVE SYSTEM, VERY QUIET

BY ROTATING THE "PETAL" WHICH DIFFUSES THE LIGHT (40 W!), USERS ACCESS THE INCORPORATED BLUEBUS CONTROL UNIT

CODE	DESCRIPTION	PACK/PALLET
SPIN30	IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 800 N. COMPLETE WITH GUIDE IN THREE 1 m-SECTIONS	15
SPIN40	IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 1000 N. COMPLETE WITH GUIDE IN THREE 1 m-SECTIONS	15

TECHNICAL SPECIFICATIONS

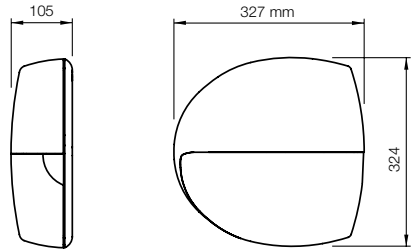
CODE	SPIN30	SPIN40
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	
ABSORPTION (A)	1.3	1.4
POWER (W)	350	370
PERFORMANCE DATA		
SPEED (m/s)	0.20	
FORCE (N)	800	1000
WORK CYCLE (CYCLES/DAY)	50	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	40	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	311x327x105 h	
WEIGHT (kg)	3.6	4.7

UTILISATION LIMITS

Using the maximum travel

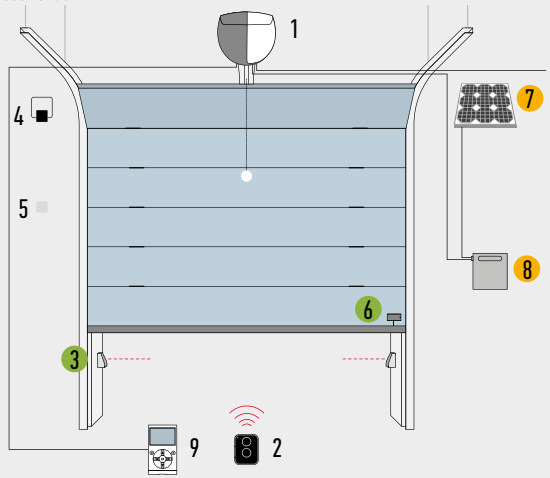
	NON-PROJECTING UP-AND-OVER DOOR		PROJECTING UP-AND-OVER DOOR		SECTIONAL	
	H	L	H	L	H	L
SPIN30	**2.2 m**	**4.2 m**	**2.8 m**	**4.2 m**	**2.4 m**	**5 m**
SPIN40	**2.2 m**	**4.2 m**	**2.8 m**	**4.2 m**	**2.4 m**	**5.2 m**

DIMENSIONS



INSTALLATION DIAGRAM

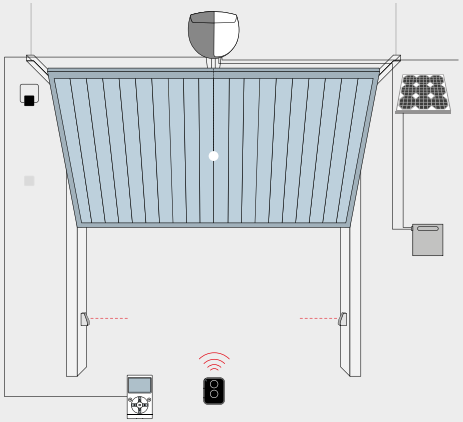
Sectional



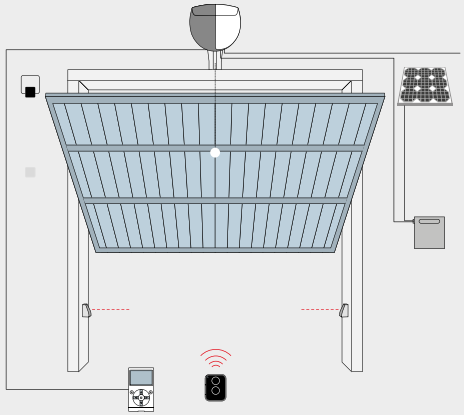
1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

Non-projecting up-and-over door



Projecting up-and-over door



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SPIN30			●	●	●	●	●				●	●	●			●	●			●	●
SPIN40			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

SNA3
SPARE CONTROL UNIT FOR SPIN30/SN6031.

SNA4
SPARE CONTROL UNIT FOR SPIN40/SN6041.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

SPA7
KIT OF TWO ADDITIONAL FIXING BRACKETS.

PC/PACK 2

SNA16
QUICK-CONNECT BRACKETS FOR CEILING MOUNTING.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPINBUS

SOLEMYO | OPERA | BLUEBUS | 24V

For sectional doors up to 17.5 m² and up-and-over garage doors up to 14.7 m².
230 Vac irreversible electromechanical gear motor, for residential use, with belt drive, 24 Vdc motor, with magnetic encoder.

To use with the SNA30 - SNA31 guides.

Rapid installation - anywhere!
The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

Guaranteed savings and respect for the environment: when connected to the mains on standby the control unit with radio connected consumes just 0.8 W (SN6031) and 1.2 W (SN6041); when connected to a battery or to the Solemyo kit, consumption in standby mode is reduced to 0.036 W.

User-friendly thanks to the BlueBUS system: which enables connection by means of just two wires between the control unit and pair of photocells.

Safe: obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.
Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.
Can be connected with latest generation sensitive edges 8.2 KOhm.

Luminous: 40 W lamp that can be used as garage lightning.

BY ROTATING THE "PETAL" WHICH DIFFUSES THE LIGHT USERS ACCESS THE INCORPORATED BLUEBUS CONTROL UNIT

CODE	DESCRIPTION	PACK/PALLET
SN6031	IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 800 N	15
SN6041	IRREVERSIBLE, 230 Vac, 24 Vdc MOTOR, WITH INCORPORATED CONTROL UNIT, 1000 N	15

CODE	DESCRIPTION	PACK/PALLET
SNA30	PREASSEMBLED 3 m GUIDE	1
SNA31	1 m EXTENSION FOR GUIDE SNA30	1

TECHNICAL SPECIFICATIONS

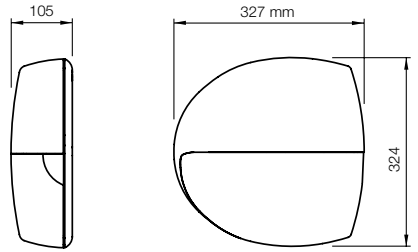
CODE	SN6031	SN6041
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	
ABSORPTION (A)	1.3	1.4
POWER (W)	350	370
PERFORMANCE DATA		
SPEED (m/s)	0.20	
FORCE (N)	800	1000
WORK CYCLE (CYCLES/DAY)	50	
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	40	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	311x327x105 h	
WEIGHT (kg)	3.6	4.7

UTILISATION LIMITS

Using the maximum travel

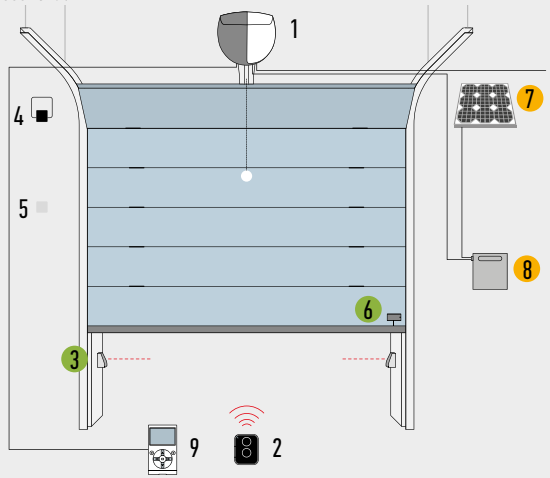
	NON-PROJECTING UP-AND-OVER DOOR		PROJECTING UP-AND-OVER DOOR		SECTIONAL	
	H	L	H	L	H	L
SN6031 WITH SNA30	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5 m
SN6041 WITH SNA30	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5.2 m
SN6031 WITH SNA30 + SNA31	3.2 m	2.9 m	3.5 m	3.4 m	3.4 m	3.5 m
SN6041 WITH SNA30 + SNA31	3.2 m	4.2 m	3.5 m	4.2 m	3.4 m	5.2 m

DIMENSIONS



INSTALLATION DIAGRAM

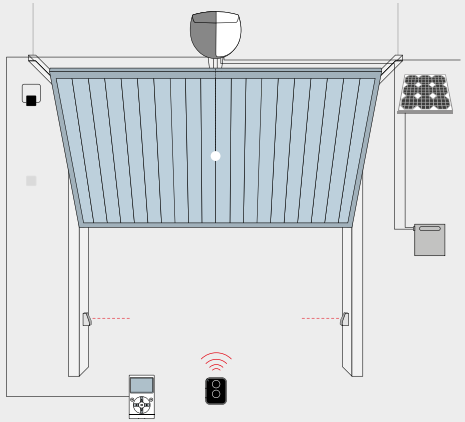
Sectional



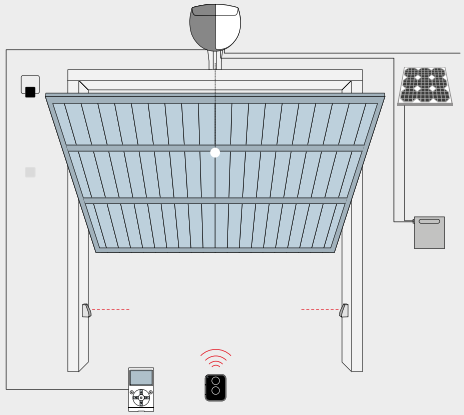
1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

Non-projecting up-and-over door



Projecting up-and-over door



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SN6031			●	●	●	●	●				●	●	●			●	●			●	●
SN6041			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

SNA3
SPARE CONTROL UNIT FOR SPIN30/SN6031.

SNA4
SPARE CONTROL UNIT FOR SPIN40/SN6041.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

SPA7
KIT OF TWO ADDITIONAL FIXING BRACKETS.

PC/PACK 2

SNA16
QUICK-CONNECT BRACKETS FOR CEILING MOUNTING.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPINBUSKIT 20/21/22

BLUEBUS | 24V

For sectional doors up to 10.5 m² and up-and-over garage doors up to 11.8 m².

Three versions in kit:

- pre-mounted, **guide in three 1-metre sections** SPIN20KCE,
- **with pre-mounted guide of 3 m** SPIN21KCE **or pre-mounted**
- **guide of 4 m (3+1 m)** SPIN22KCE.

Rapid installation - anywhere!

The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

User-friendly thanks to the BlueBUS system: which enables connection by means of just two wires between the control unit and pair of photocells.

Safe: obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.
Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.
Can be connected with last generation sensitive edges 8.2 KOhm.

Courtesy light: 21 W lamp.

CODE	DESCRIPTION	PACK/PALLET
SPIN20KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. GUIDE IN THREE 1-METRE SECTIONS	14
SPIN21KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. PRE-MOUNTED GUIDE OF 3 m	15
SPIN22KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. GUIDE IN ONE 3-METRE SECTION + ONE 1-METRE SECTION	15

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

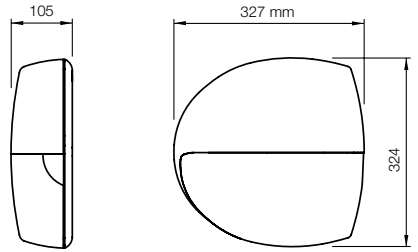
CODE	SN6021
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	0.8
POWER (W)	250
PERFORMANCE DATA	
SPEED (m/s)	0.20
FORCE (N)	650
WORK CYCLE (CYCLES/DAY)	50
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	40
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	311x327x105 h
WEIGHT (kg)	3.6

UTILISATION LIMITS

Using the maximum travel

	NON-PROJECTING UP-AND-OVER DOOR		PROJECTING UP-AND-OVER DOOR		SECTIONAL	
	H	L	H	L	H	L
SPIN20KCE	**2.2 m**	**4.2 m**	**2.8 m**	**4.2 m**	**2.4 m**	**4.4 m**
SPIN21KCE	**2.2 m**	**4.2 m**	**2.8 m**	**4.2 m**	**2.4 m**	**4.4 m**
SPIN22KCE	**3.2 m**	**2.9 m**	**3.5 m**	**3.4 m**	**3.4 m**	**3.1 m**

DIMENSIONS

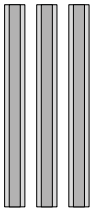


THE KIT CONTAINS:

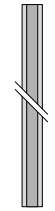
SN6021
1 GEAR MOTOR WITH BUILT-IN SNA2 CONTROL UNIT AND SMXI PLUG-IN RECEIVER.

FLO2RE
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

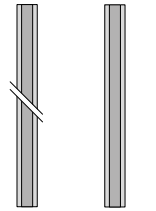
SPIN20KCE
GUIDE
IN THREE 1-METRE SECTIONS.



SPIN21KCE
GUIDE
IN ONE 3-METRE SECTION.

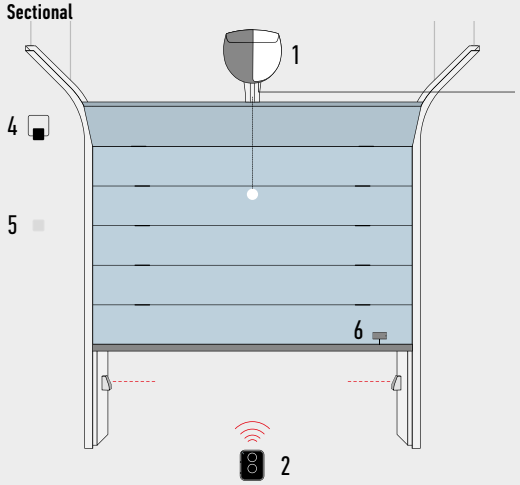


SPIN22KCE
GUIDE
IN ONE 3-METRE SECTION.
+ ONE 1-METRE SECTION.



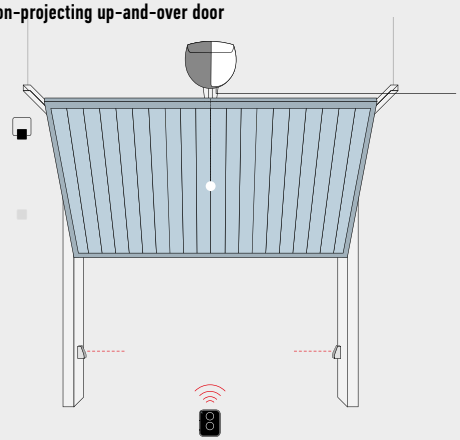
INSTALLATION DIAGRAM

Sectional

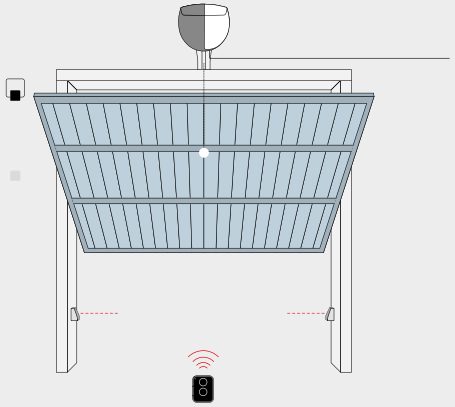


1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES

Non-projecting up-and-over door



Projecting up-and-over door



ACCESSORIES

SNA2
SPARE CONTROL UNIT FOR SPIN20KCE, SPIN21KCE AND SPIN22KCE.

PC/PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

SPA7
KIT OF TWO ADDITIONAL FIXING BRACKETS.

PC/PACK 2

SNA16
QUICK-CONNECT BRACKETS FOR CEILING MOUNTING.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPINBUSKIT 23

SOLEMYO | OPERA | BLUEBUS | 24V

For sectional doors up to 10.5 m² and up-and-over garage doors up to 11.8 m².

With pre-mounted 3-metre guide.

Rapid installation - anywhere!
The adjustable head, cord-type release and cable-controlled, step-by-step release can be fitted in any part of the garage in order to actuate the system without a remote control device and without the need to install wall-mounted control units!

Guaranteed savings and respect for the environment: with connection to the mains in standby mode the control unit with radio connected consumes just 5.2 W; when connected to a battery or to the Solemyo kit, consumption on standby is reduced to 0.036 W.

Safe: obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light. Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre. Can be connected with last generation sensitive edges 8.2 KOhm.

Courtesy light: 21 W lamp.

No black out: operation in the event of a power failure with optional batteries (PS124) housed inside the motor.

CODE	DESCRIPTION	PACK/PALLET
SPIN23KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. PRE-MOUNTED GUIDE IN ONE 3-METRE SECTION	15

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

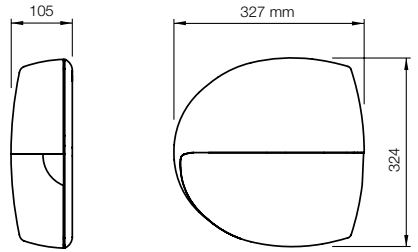
CODE	**SN6021**
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	0.8
POWER (W)	250
PERFORMANCE DATA	
SPEED (m/s)	0.20
FORCE (N)	650
WORK CYCLE (CYCLES/DAY)	50
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	40
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	311x327x105 h
WEIGHT (kg)	3.6

UTILISATION LIMITS

Using the maximum travel

	NON-PROJECTING UP-AND-OVER DOOR		PROJECTING UP-AND-OVER DOOR		SECTIONAL	
	H	L	H	L	H	L
SPIN23KCE	**2.2 m**	**4.2 m**	**2.8 m**	**4.2 m**	**2.4 m**	**4.4 m**

DIMENSIONS

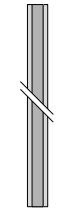


THE KIT CONTAINS:

SN6021
1 GEAR MOTOR WITH BUILT-IN CONTROL UNIT AND SMXI PLUG-IN RECEIVER.

FLO2RE
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

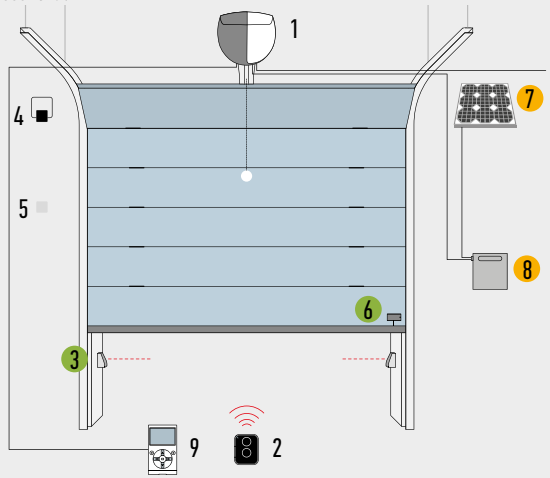
SNA30
GUIDE
IN ONE 3-METRE SECTION.



1 x 3 m

INSTALLATION DIAGRAM

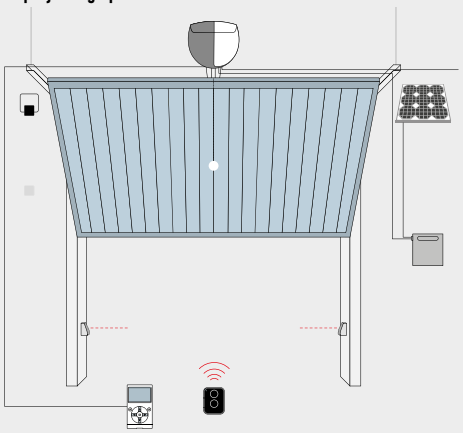
Sectional



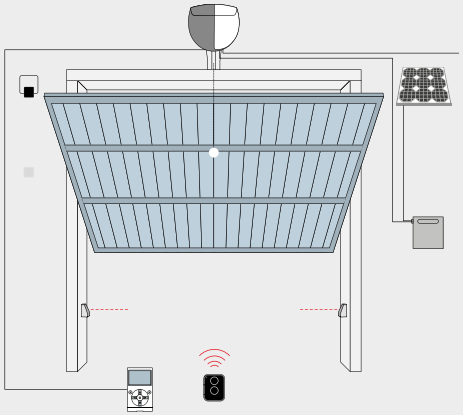
1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SENSOR FOR SENSITIVE EDGES
7. SYP SOLAR PANEL
8. PSY24 BATTERY BOX
9. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

Non-projecting up-and-over door



Projecting up-and-over door



ACCESSORIES

SNA20
SPARE CONTROL UNIT FOR SPIN23KCE.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

SPA7
KIT OF TWO ADDITIONAL FIXING BRACKETS.

PC/PACK 2

SNA16
QUICK-CONNECT BRACKETS FOR CEILING MOUNTING.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SPINKIT

24V

For sectional doors up to 8.8 m² and up-and-over garage doors up to 9.8 m², belt drive.

Two versions in kit:
- pre-assembled, **3x1 m sections guide** (SPIN10KCE)
- **pre-assembled 3 m guide** (SPIN11KCE).

Advanced: incorporated radio card, compatible with the Nice Flo, FloR and Smilo systems: 150 transmitters can be entered! Input for photocells and possibility of connecting photo-test with self-learning function during installation.

Safe: obstacle detection system and automatic programming of the working times; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.
Acceleration and deceleration can be adjusted at the beginning and end of each opening and closing manoeuvre.
Can be connected with last generation sensitive edges 8.2 KOhm.

CODE	DESCRIPTION
SPIN10KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. 3X1 m-SECTIONS LINEAR GUIDE
SPIN11KCE	KIT FOR AUTOMATING SECTIONAL AND UP-AND-OVER DOORS. 3 m PRE-ASSEMBLED GUIDE

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

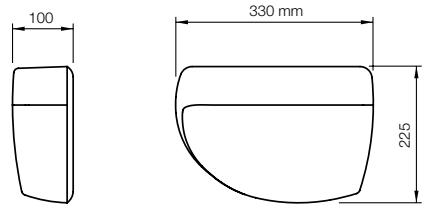
CODE	SN6011
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	0.7
POWER (W)	200
PERFORMANCE DATA	
SPEED (m/s)	0.14
FORCE (N)	550
WORK CYCLE (CYCLES/DAY)	30
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	40
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	225x330x100 h
WEIGHT (kg)	3.3

UTILISATION LIMITS

Using the maximum travel

	NON-PROJECTING UP-AND-OVER DOOR		PROJECTING UP-AND-OVER DOOR		SECTIONAL	
	H	L	H	L	H	L
SPIN10KCE	**2.2 m**	**3.5 m**	**2.8 m**	**3.5 m**	**2.4 m**	**3.7 m**
SPIN11KCE	**2.2 m**	**3.5 m**	**2.8 m**	**3.5 m**	**2.4 m**	**3.7 m**

DIMENSIONS

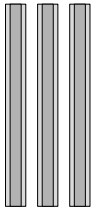


THE KIT CONTAINS:

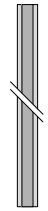
SN6011
1 GEAR MOTOR SN6011
WITH INCORPORATED
CONTROL UNIT
AND PLUG-IN RECEIVER.

FLO2RE
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

SPIN10KCE
GUIDE
IN THREE 1-METRE SECTIONS.

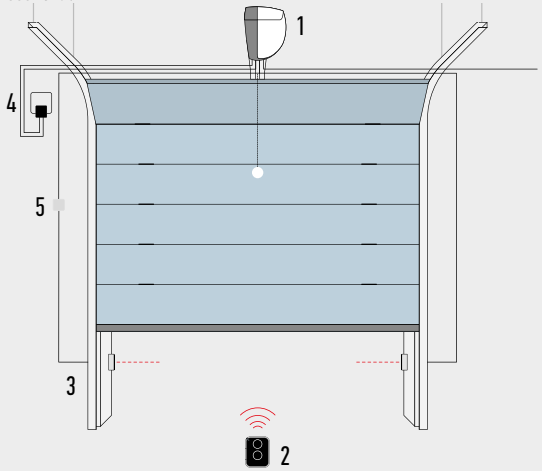


SPIN11KCE
GUIDE
IN ONE 3-METRE SECTION.



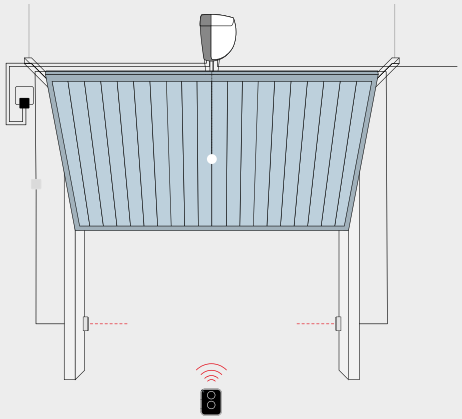
INSTALLATION DIAGRAM

Sectional

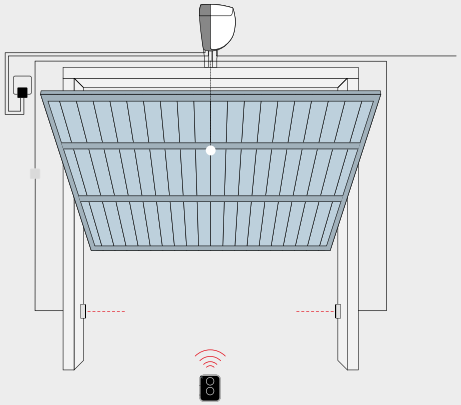


1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES

Non-projecting up-and-over door



Projecting up-and-over door



ACCESSORIES

SNA1
SPARE CONTROL UNIT FOR SPIN10KCE AND SPIN11KCE.

SPA2
KIT FOR UNLOCKING FROM THE OUTSIDE WITH CABLE.

PC/PACK 1

SPA5
OSCILLATING ARM SLIDING ON BEARINGS WITH OPTIMISED STRUCTURE FOR PROJECTING UP-AND-OVER DOORS.

PC/PACK 1

SPA6
LARGE 585 mm LONG CONNECTING ARM.

PC/PACK 1

SPA7
KIT OF TWO ADDITIONAL FIXING BRACKETS.

PC/PACK 2

SNA16
QUICK-CONNECT BRACKETS FOR CEILING MOUNTING.

PC/PACK 10

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TEN

SOLEMYO | OPERA | BLUEBUS | 24V

For projecting and non projecting up-and-over doors up to 9 m² (up to 16 m² using 2 motors).
24 Vdc electromechanical gear motor.

Three versions, standard and upgraded:
- **with built-in control unit, force regulator and absolute encoder** (TN2010L);
- **with incorporated control unit and receiver, electromechanical limit switch** (TN2030L);
- **without control unit** (TN2020L).

Reliable and precise: memorisation of the opening and closing limit switch positions; gradual starting and slowdown during closing.

Safe: obstacle detection system and monitoring of the motor absorption during movement, self-diagnosis by means of a flashing light, courtesy light.
The latest generation optical and resistive 8.2 KOhm sensitive edges can also be connected.

Functional: possibility to connect a second motor without control unit TN2020L, to automate doors up to 16 m².

TN2030L **model with built-in radio receiver compatible with Nice system Flo, FloR and Smilo.**

TN2010L **version with BlueBUS technology and compatible for operation with Solemyo and Opera systems.**

Advanced: the absolute encoder technology guarantees precision without the need of a limit switch, reliability and the long term safeguard of the set values.

Simple: thanks to the BlueBUS technology which enables connection by means of just two wires between the control unit and photocells.

Energy saving: the system enters in stand-by when not in use.

Practical: the control unit and PS324 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Compatible with Nice SMXI and OXI plug-in receivers (optional).

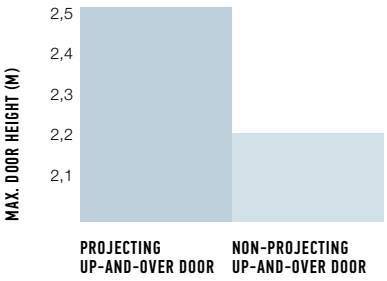
CODE	DESCRIPTION	PACK/PALLET
TN2010L	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT, COURTESY LIGHT, ABSOLUTE ENCODER WITH BLUEBUS TECHNOLOGY, COMPATIBLE FOR OPERA AND SOLEMYO SYSTEMS. UPGRADED VERSION	15
TN2030L	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH. UPGRADED VERSION	15
TN2020L	IRREVERSIBLE, 24 Vdc, WITH COURTESY LIGHT, WITHOUT INCORPORATED CONTROL UNIT. UPGRADED VERSION	15

TECHNICAL SPECIFICATIONS

CODE	TN2010L	TN2010L+TN2020L	TN2030L	TN2030L+TN2020L
ELECTRICAL DATA				
POWER SUPPLY (Vac 50/60 Hz)	230			
ABSORPTION (A)	1	1.4		1,4
POWER (W)	240	350	220	330
PERFORMANCE DATA				
SPEED (rpm)	1.4	1.7	1.4	1.4
TORQUE (Nm)	600	750	420	700
WORK CYCLE (CYCLES/HOUR)	15	25	20	10
DIMENSIONAL AND GENERAL DATA				
PROTECTION LEVEL (IP)	44			
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50			
DIMENSIONS (mm)	150x158x512 h			
WEIGHT (kg)	10	17.2*	9.5	16.7*

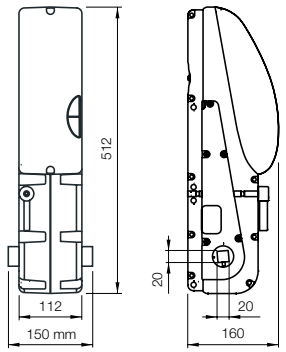
* 7.2 for TN2020/TN2020L

UTILISATION LIMITS



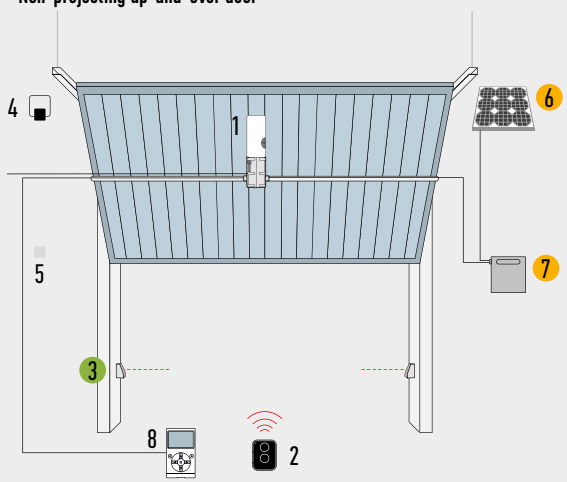
N.B. The values indicated above refer to the use of motors with standard accessories.

DIMENSIONS



INSTALLATION DIAGRAM

Non-projecting up-and-over door

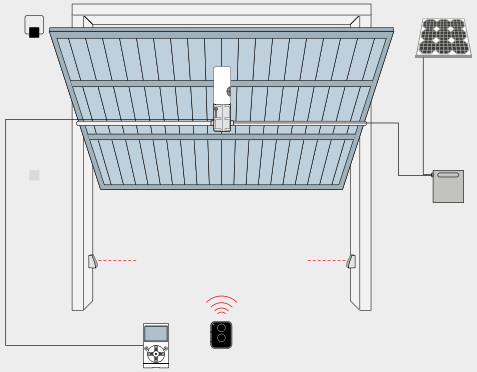


1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES
6. SYP SOLAR PANEL
7. PSY24 BATTERY BOX
8. O-VIEW MULTIFUNCTION DISPLAY

FOR TN2010L MODEL:

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System
- WIRELESS VERSION Solemyo SOLAR POWER ACCESSORIES

Projecting up-and-over door



COMPATIBILITY

	RECEIVER			TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
TN2010L			●	●	●	●	●				●	●	●			●	●			●	●
TN2030L	●			●	●	●	●	●	●	●				●	●					●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

TNA1
SPARE CONTROL UNIT FOR TN2030L AND TNLKCE.

TNA2
SPARE CONTROL UNIT FOR TN2010L.

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER. ONLY FOR TN2010L.

PC/PACK 1

TNA9
ADDITIONAL CONNECTION CABLE AND SUPPORTS FOR WALL-MOUNTING OF PS324 BATTERY.

PC/PACK 1

OTA2
MOTOR SUPPORT BRACKET (1250 mm LONG).

PC/PACK 1

OTA3
MOTOR SUPPORT BRACKET (2000 mm LONG).

PC/PACK 1

OTA9
MOTOR SUPPORT BRACKET (520 mm LONG).

PC/PACK 1

TNA5
PAIR OF STANDARD STRAIGHT TELESCOPIC ARMS.

PC/PACK 1

TNA6
PAIR OF STANDARD CURVED TELESCOPIC ARMS.

PC/PACK 1

TNA8
20X20 mm DRIVE SHAFT (200 mm LONG).

PC/PACK 1

TNA4
20X20 mm DRIVE SHAFT (1500 mm LONG).

PC/PACK 1

TNA38
DRIVING DEVICE FOR TRANSMISSION SHAFTS.

PC/PACK 1

OTA11
KIT FOR UNLOCK FROM THE OUTSIDE WITH A METAL CORD.

PC/PACK 1

OTA12
KIT FOR EXTERNAL UNLOCKING WITH KEY RATCHET (CANNOT BE USED WITH LATERALLY INSTALLED MOTORS).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

TENKIT

24V

For projecting and non projecting up-and-over doors up to 9 m².
Irreversible electromechanical 24 Vdc gear motor.

Functions: standard input for photocells and possibility of connecting phototest function in self-learning mode during installation.

Convenient: built-in radio board compatible with the systems Nice Flo, FloR e Smilo: possibility of entering up to 150 transmitters.
Push-button programming and automatic position search.

Adjustments: 3 force levels, 2 speeds, 3 pause time levels, 3 step-by-step modes.

Maximum safety: provision for connection of latest generation 8.2 KOhm sensitive edges.
Obstacle detection and automatic programming of work times, monitoring of motor absorption throughout travel, self-diagnostics via the flashing light and courtesy light.
Acceleration and deceleration at the start and end of each manoeuvre.

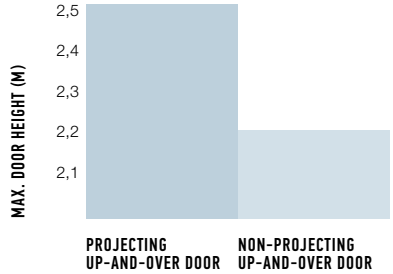
CODE	DESCRIPTION	PACK/PALLET
TNLKCE	IRREVERSIBLE, 24 Vdc, WITH INCORPORATED CONTROL UNIT AND RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH. UPGRADED VERSION	15

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

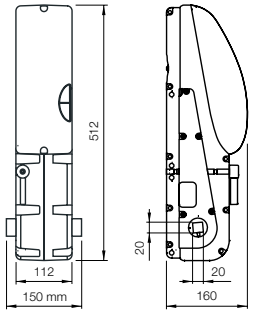
CODE	TNLKCE
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	0.9
POWER (W)	200
PERFORMANCE DATA	
SPEED (rpm)	1.4
TORQUE (Nm)	420
WORK CYCLE (CYCLES/HOUR)	15
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	44
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	150x158x512 h
WEIGHT (kg)	15.5

UTILISATION LIMITS



N.B. The values indicated above refer to the use of motors with standard accessories.

DIMENSIONS



THE KIT CONTAINS:

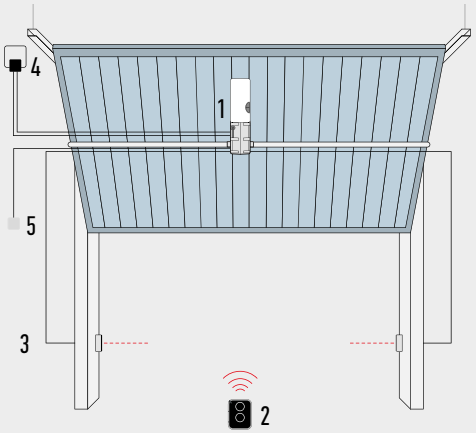
TN2030L
1 IRREVERSIBLE ELECTROMECHANICAL GEAR MOTOR, WITH INCORPORATED CONTROL UNIT AND PLUG-IN RECEIVER, COURTESY LIGHT AND ELECTROMECHANICAL LIMIT SWITCH, COMPLETE WITH A PAIR OF STANDARD TELESCOPIC ARMS TNA5 AND WITH RELATIVE DRIVING DEVICES TNA38.

FLO2RE
1 TRANSMITTER
433.92 MHz, 2 CHANNELS.

TS
1 SIGNBOARD.

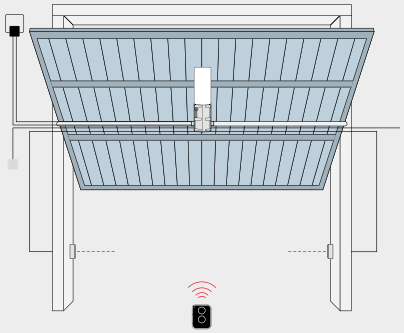
INSTALLATION DIAGRAM

Non-projecting up-and-over door



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. DIGITAL OR KEY SWITCHES

Projecting up-and-over door



ACCESSORIES

TNA1
SPARE CONTROL UNIT FOR TNKCE AND TNLKCE.

OTA2
MOTOR SUPPORT BRACKET (1250 mm LONG).

PC/PACK 1

OTA3
MOTOR SUPPORT BRACKET (2000 mm LONG).

PC/PACK 1

OTA9
MOTOR SUPPORT BRACKET (520 mm LONG).

PC/PACK 1

TNA5
PAIR OF STANDARD STRAIGHT TELESCOPIC ARMS.

PC/PACK 1

TNA6
PAIR OF STANDARD CURVED TELESCOPIC ARMS.

PC/PACK 1

TNA8
20X20 mm DRIVE SHAFT (200 mm LONG).

PC/PACK 1

TNA4
20X20 mm DRIVE SHAFT (1500 mm LONG).

PC/PACK 1

TNA38
DRIVING DEVICE FOR TRANSMISSION SHAFTS.

PC/PACK 1

OTA11
KIT FOR UNLOCK FROM THE OUTSIDE WITH A METAL CORD.

PC/PACK 1

OTA12
KIT FOR EXTERNAL UNLOCKING WITH KEY RATCHET (CANNOT BE USED WITH LATERALLY INSTALLED MOTORS).

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SOON

SOLEMYO | OPERA | BLUEBUS | 24V

For sectional doors* up to 20 m².
24 Vdc electromechanical gear motor
with absolute encoder.

*For balanced sectional doors equipped with anti-crash (safety device useful in case of spring breaking).

Easy to install: Soon can be fitted directly onto the shaft of a sectional door; compact, particularly in width, in order to make assembly easy in any position.

User-friendly thanks to the BlueBUS system that enables users to connect the photocell couples and control unit using just two wires.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

Energy saving: when the system is not being used it will switch over to standby.

Reliable and precise: memorization of limit switch positions on opening and closing; gradual starting and slowdown during closing; the abosolute encoder technology guarantees precision without the need of a limit switch, reliability and long term safeguard of the set values.

Safe: obstacle detection system; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light.
Last generation of 8.2 KOhm optical and sensitive edges can also be connected.

PROTECTIVE FLAP COMPLETE WITH COURTESY LIGHT (21 W). USERS CAN CONNECT AND PROGRAMME THE CONTROL UNIT, MODIFY ITS FUNCTIONS AND CHANGE THE LAMP WITHOUT HAVING TO DISASSEMBLE THE CASING

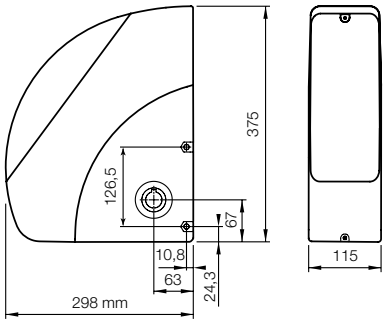
NEW RELEASE SYSTEM WITH 4 m LONG CORD

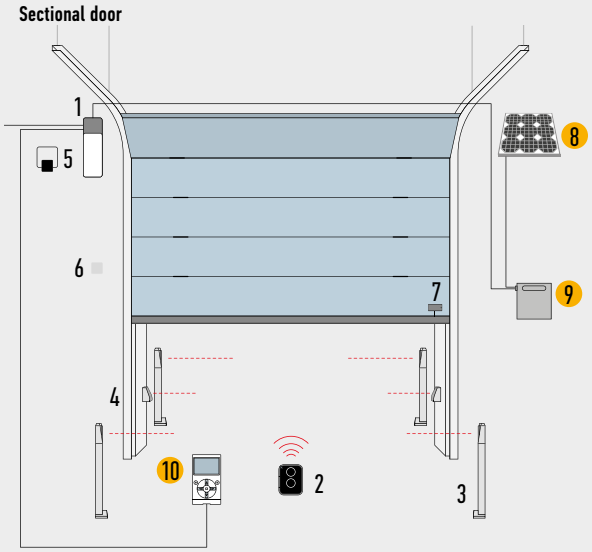
CODE	DESCRIPTION	PACK/PALLET
SO2000	IRREVERSIBLE, 24 Vdc, WITH ABSOLUTE ENCODER FOR DOORS UP TO 5 m IN HEIGHT	20

TECHNICAL SPECIFICATIONS

CODE	SO2000
ELECTRICAL DATA	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	1.6
POWER (W)	350
PERFORMANCE DATA	
SPEED (rpm)	30
TORQUE (Nm)	50
WORK CYCLE (CYCLES/HOUR)	15
DIMENSIONAL AND GENERAL DATA	
PROTECTION LEVEL (IP)	40
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	115x300x375 h
WEIGHT (kg)	10.5

DIMENSIONS





1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. DIGITAL OR KEY SWITCHES
7. SENSITIVE EDGES SENSOR
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX
10. O-VIEW MULTIFUNCTION DISPLAY

● ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
● Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	RECEIVER			TRANSMITTER				PHOTOCELLS									FLASHING LIGHT			
CODE	Built-in*	FLOXI2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SO2000			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

SOA2
SPARE CONTROL UNIT FOR SO2000.

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

CRA9
ADAPTER FOR DIAMETER 31.75 (1.1/4"), 35 AND 40 mm SHAFTS.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

SUMO

24V

For sectional doors and two-wings sliding doors up to 35 m².
24 Vdc electromechanical gear motor with magnetic encoder, no need to adjust limit switches.
Perfect for intensive use.

Revolutionary aesthetics: compact, particularly in width, in order to make assembly easy in any position; quick to install.

Easy to install: Sumo can be fitted directly onto the shaft of sectional doors.
Perfect for Ø 25.4 mm shafts and can be used also with Ø 31.75-35-40 mm shafts thanks to the CRA9 adapter.

Many different functions with the separate Mindy A924 control unit:

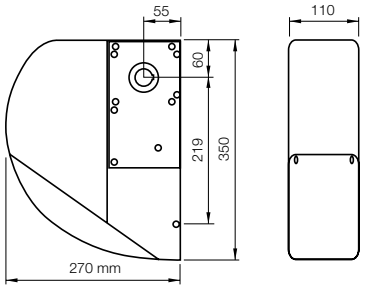
- automatic memorization of limit switches on opening and closing;
- gradual departure and slowdown during closing;
- integrated battery charge card with optional battery power supply in the event of power failures easy programming by pressing a single button;
- pause time programming and speed adjustment;
- "service" warning light for maintenance (can be programmed according to the number of manoeuvre required).

CODE	DESCRIPTION	PACK/PALLET
SU2000	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, FROM 15 m² UP TO 35 m²	20
SU2000V	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, INCREASED SPEED, FROM 10 m² UP TO 25 m²	20
SU2000VV	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, HIGH SPEED, FROM 10 m² UP TO 15 m²	20
SU2010	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, NO NEED TO ADJUST LIMIT SWITCHES, IP54, FROM 15 m² UP TO 35 m²	20

TECHNICAL SPECIFICATIONS

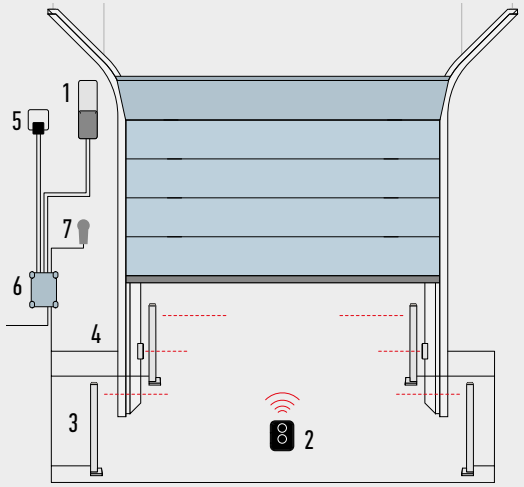
CODE	SU2000	SU2000V	SU2000VV	SU2010
ELECTRICAL DATA				
POWER SUPPLY (Vdc)	24			
ABSORPTION (A)	13			
POWER (W)	500			
PERFORMANCE DATA				
SPEED (rpm)	16	23.5	42	16
TORQUE (Nm)	120	82	46	120
WORK CYCLE (%)	50			
DIMENSIONAL AND GENERAL DATA				
PROTECTION LEVEL (IP)	44			54
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50			
DIMENSIONS (mm)	110x270x350 h			
WEIGHT (kg)	10.5			

DIMENSIONS



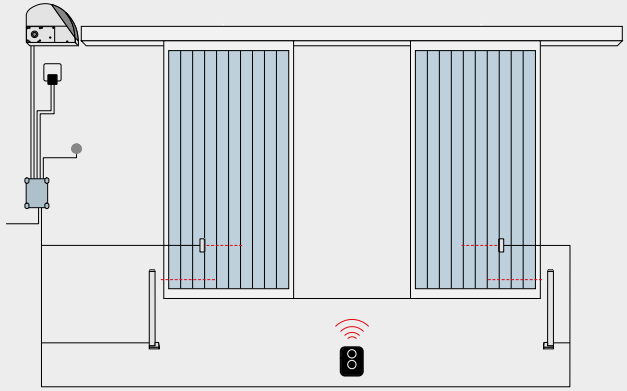
INSTALLATION DIAGRAM

Sectional door



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES

Two-wings sliding doors



COMPATIBILITY

	CONTROL UNIT / REC.					TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
SU2000		●				●	●	●	●	●	●	●				●	●				●		
SU2000V		●				●	●	●	●	●	●	●				●	●				●		
SU2000VV		●				●	●	●	●	●	●	●				●	●				●		
SU2010		●				●	●	●	●	●	●	●				●	●				●		

ACCESSORIES

A924
CONTROL UNIT.

PC/PACK 1

PUL
CENTRAL COVER WITH BUTTONS, COMPLETE WITH CONNECTING CABLE AND CONNECTED FOR A500 AND A924.

PC/PACK 1

B12-B
12 V, 6 Ah BATTERIES.

PC/PACK 1

BA3-A
NICE BATTERY BOX.

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.
NOT REQUESTED FOR SU2010.

PC/PACK 1

CRA1
SHAFT WITH 18-TOOTH PINION Ø SHAFT 25.4 mm Ø INSIDE CROWN 25.4 mm.

PC/PACK 1

CRA2
JOINT FOR CHAIN.

PC/PACK 1

CRA3
1/2" CHAIN, 1 m PACK, PLUS JOINT FOR CHAIN.

PC/PACK 1

CRA4
1/2" CHAIN, 5 m PACK, IDEAL FOR SINGLE OR DOUBLE WING INDUSTRIAL DOORS, PLUS JOINT FOR CHAIN.

PC/PACK 1

CRA5
TENSIONER DRIVE WITH BRACKETS, FOR SINGLE OR DOUBLE WING INDUSTRIAL DOOR.

PC/PACK 1

CRA6
36-TOOTH PINION Ø INSIDE 25.4 mm.

PC/PACK 1

CRA7
18-TOOTH PINION Ø INSIDE 25.4 mm.

PC/PACK 1

CRA8
WALL-FIXING BRACKET.

PC/PACK 2

CRA9
ADAPTER FOR DIAMETER 31.75 (1.1/4"), 35 AND 40 mm SHAFTS.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

HYPPO 7100

SOLEMYO | OPERA | BLUEBUS | 24V | 230V

For 2-leaf folding doors.
Electromechanical gear motor irreversible with telescopic arm, also in 24 Vdc version, with magnetic encoder.

Single model for right and left leaves.

Pre-wired, **incorporated double limit-switch** both during opening and closing: fewer connections mean quicker installation (for HY7100 only).

Solid metal mechanics.
Sturdy, galvanised, telescopic arm.

Recommended control units:
for HY7100 Mindy A6F, A60, A700F;
for HY7124 Moonclever MC824H.

24 Vdc version with magnetic encoder.
Perfect for intensive use, compatible with the control unit Moonclever MC824H:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- Can be connected with latest generation sensitive edges 8.2 KOhm.

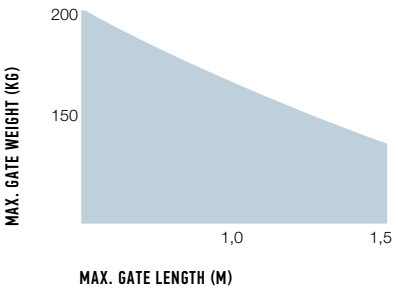
CODE	DESCRIPTION	PACK/PALLET
HY7100	IRREVERSIBLE, 230 Vac, WITH STURDY TELESCOPIC ARM, GALVANISED AND PAINTED, WITH LIMIT SWITCH ON OPENING AND CLOSING	16
HY7124	IRREVERSIBLE, 24 Vdc WITH MAGNETIC ENCODER, WITH TELESCOPIC ARM, GALVANISED AND PAINTED	16

TECHNICAL SPECIFICATIONS

CODE	HY7100	HY7124
ELECTRICAL DATA		
POWER SUPPLY (Vac 50 Hz)*	230	-
POWER SUPPLY (Vdc)	-	24
ABSORPTION (A)	1.2	5
POWER (W)	250	120
PERFORMANCE DATA		
SPEED (rpm)	1.7	2
TORQUE (Nm)	400	250
WORK CYCLE (%)	30	80
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	20	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	350x165x242 h	
WEIGHT (kg)	13	

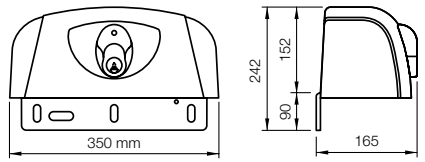
*60 Hz version available on request.

UTILISATION LIMITS

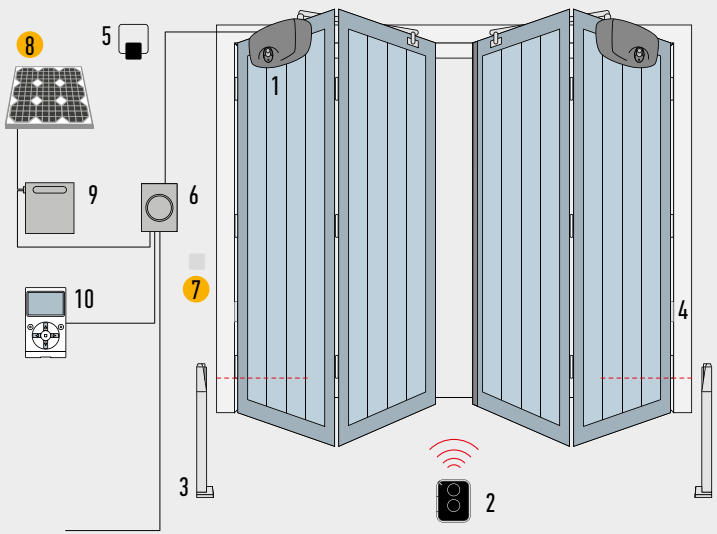


N.B. The above values are valid if the motor is used with standard accessories.

DIMENSIONS



INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS MOUNTED ON POSTS
4. PHOTOCELLS
5. FLASHING LIGHT
6. CONTROL UNIT
7. DIGITAL OR KEY SWITCHES
8. SYP SOLAR PANEL
9. PSY24 BATTERY BOX (FOR HY7124)
10. O-VIEW MULTIFUNCTION DISPLAY

FOR HY7124 MODEL:

- ACCESSORIES ALSO AVAILABLE FOR THE Solemyo Air Net System WIRELESS VERSION
- Solemyo SOLAR POWER ACCESSORIES

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT
HY7100			●	●	●						●	●	●	●	●	●	●				●	●			●			
HY7124									●		●	●	●	●				●	●	●			●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

HYA11
UNLOCK FROM INSIDE WITH A 6 m CORD.

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

KA1
6 m CABLE RELEASE KIT FOR KIO.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

ACCESSORY

For 24 Vdc version

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

SOLEMYO KIT
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES.
SEE PAGE 206

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

NICE FOR BALANCED ROLLING DOORS

SELECTION GUIDE

230 Vac,
with electromechanical
limit switch.
GIRO
pages 156/157

- reversible, without brake
  - for balanced rolling doors up to 170 kg → **GR170R**
  - for balanced rolling doors up to 170 kg and long power cable included → **GR170RE01**
- irreversible, with brake and release device
  - for balanced rolling doors up to 170 kg → **GR170**
  - for balanced rolling doors up to 170 kg and long power cable included → **GR170E01**
  - twin-motor: for balanced rolling doors up to 340 kg and long power cable included → **GR340E01**

230 Vac,
with electromechanical
limit switch.
RONDO
pages 158/159

- reversible, without brake
  - for balanced rolling doors up to 130 kg → **RN2010**
  - for balanced rolling doors up to 180 kg → **RN2020**
- irreversible, with brake and release device
  - for balanced rolling doors up to 130 kg → **RN2030**
  - for balanced rolling doors up to 180 kg → **RN2040**

GIRO

230V

For balanced rolling shutters up to 170 kg and 340 kg.
Electromechanical gearmotor available both in reversible and irreversible version.

High performance: new irreversible twin-motor version with 800 W power and lifting force up to 340 Nm.

Unbeatably flexible use and less inventory to keep in stock: a single model that is designed to take a 76 mm rolling shutter shaft but can be easily adapted to take a 60 or 48 mm shaft, covering the full range of most commonly used sizes.

The outside diameter of the gear can be adapted from 200 mm to 220 or 240 mm, allowing installation on most rolling shutters.

Technologically innovative: the brake is built into the gearmotor and results in much smoother operation than the traditional solution.

For all markets: 230 and 120V versions available.

QUICK AND EASY INSTALLATION

During installation, the motor is supported on the shaft thanks to the practical guided coupling.

Easy limit switch adjustment: automatic limit switch adjustment is achieved by simply operating the rolling shutter without any load, with the motor released, and then just fine-tuning the system manually.

Simple system for releasing both motors at the same time.

Recommended control units: Mindy A01 and A02.

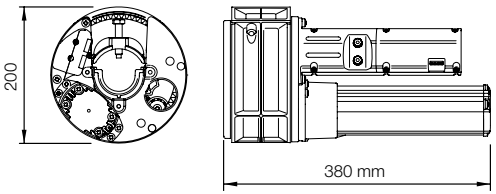
CODE	DESCRIPTION	PACK./PALLET
GR170	FOR BALANCED ROLLING DOORS UP TO 170 kg, 230 V IRREVERSIBLE, WITH BUILT-IN BRAKE AND RELEASE DEVICE	44
GR170E01	FOR BALANCED ROLLING DOORS UP TO 170 kg, 230 V IRREVERSIBLE, WITH BUILT-IN BRAKE AND RELEASE DEVICE, POWER CABLE, 5 m LONG, INCLUDED IN BOX	44
GR170R	FOR BALANCED ROLLING DOORS UP TO 170 kg, REVERSIBLE 230 V, WITHOUT BRAKE	44
GR170RE01	FOR BALANCED ROLLING DOORS UP TO 170 kg, REVERSIBLE 230 V, WITHOUT BRAKE, 5 m LONG POWER CABLE INCLUDED	44
GR340E01	FOR BALANCED ROLLING DOORS UP TO 340 kg, IRREVERSIBLE 230 V, TWIN-MOTOR WITH BUILT-IN BRAKE AND RELEASE DEVICE, 5 m LONG POWER CABLE INCLUDED	44

TECHNICAL SPECIFICATIONS

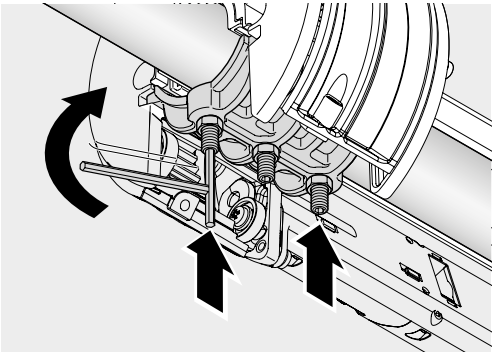
CODE	GR170/E01 GR170R/E01	GR340E01
ELECTRICAL DATA		
POWER SUPPLY (V/Hz)	230/50	
ABSORPTION (A)	1.9	3.3
POWER (W)	430	800
PERFORMANCE DATA		
SPEED (rpm)	8	
TORQUE (Nm)	170	340
CONTINUOUS OPERATING TIME (min)	4	
MAX. NUMBER OF OPERATIONS PER DAY	10	
DIMENSIONAL AND GENERAL DATA		
ROLLING SHUTTER SHAFT DIAMETER	76 - 60* - 48**	
OUTSIDE DIAMETER OF THE GEAR	200 - 220* - 240**	
PROTECTION LEVEL (IP)	20	
WORKING TEMP. (°C Min/Max)	-20 ÷ +50	
DIMENSIONS (mm)	∅ 200 x 380	
WEIGHT (kg)	7	10.5

* with adapter included in box
** with additional adapter (optional extra)

DIMENSIONS

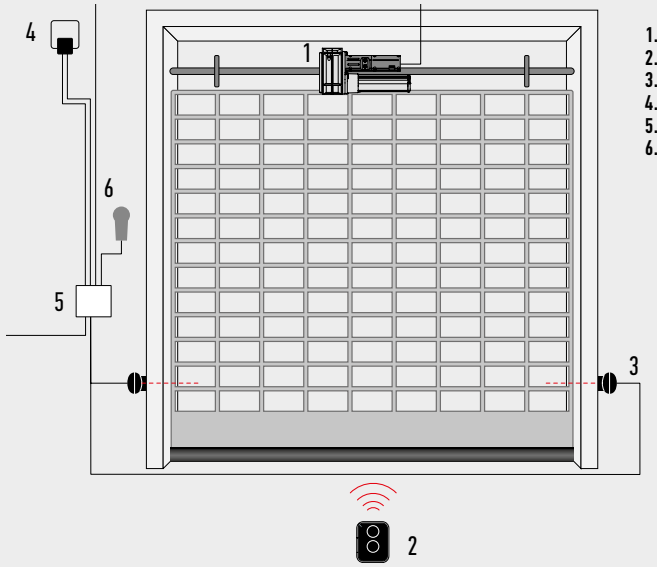


TWIN-MOTOR VERSION:
MAXIMUM POWER, IDEAL FOR THE TOUGHEST APPLICATIONS.



QUICK AND EASY INSTALLATION DURING INSTALLATION, THE MOTOR IS SUPPORTED ON THE SHAFT THANKS TO THE PRACTICAL GUIDED COUPLING.

INSTALLATION DIAGRAM



1. MOTOR
2. TRANSMITTER
3. PHOTOCELLS
4. FLASHING LIGHT
5. CONTROL UNIT
6. KEY-OPERATED OR DIGITAL SELECTOR

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL**	EL24	ELB	WLT
GR170 / GR170E01	●	●									●	●	●	●	●	●	●				●	●			●			
GR170R / GR170RE01	●	●									●	●	●	●	●	●	●				●	●			●			
GR340E01	●	●									●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system
**Only with A02 control unit

ACCESSORIES

A01
CONTROL UNIT.

PC/PACK 1

A02
CONTROL UNIT
WITH AUTOMATIC CLOSING.

PC/PACK 1

GRA02
ADAPTER FOR 48 mm
SHAFT.

PC/PACK 1

GRA03
ADAPTER FOR 240 mm
GEAR DIAMETER.

PC/PACK 1

GRA01
ADDITIONAL MOTOR
FOR GR170, COMPLETE
WITH ACCESSORIES FOR
SIMULTANEOUS RELEASE.

PC/PACK 1

KIOMINI
ALUMINIUM KEY SWITCH/
SWITCH LOCK BOX WITH
CONTROL AND RELEASE
BUTTON.

PC/PACK 1

KIO
KEY SELECTOR FOR
LOW-VOLTAGE CONTACTS,
WITH RELEASE MECHANISM
FOR METAL CABLE.

For use in conjunction with A01
and A02-series control units.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

RONDO

230V

For balanced rolling doors up to 130 kg and 180 kg.
Electromechanical gearmotor available both in reversible and irreversible version.

Smart: the limit switch unit and wiring are protected by an elegant box; pre-wired capacitor.

Fast: easy and intuitive adjustment of the limit switches both during opening and closing.

Complete: supplied with 200 mm and 220 mm flange for 60 mm shafts, with 48 mm and 42 mm adaptors.

Easy to install: thanks to the guided connector, you don't need to hold the motor while you secure it using just 3 screws.

Recommended control units:
Mindy A01 and A02, - easy to use, complete and reliable, featuring:

- semi-automatic or automatic operation;
- complete reverse run with photocell;
- step-by-step operation;
- programmable Step-by-step/Open input;
- programmable Stop/Photo input;
- input for resistive edge;
- incorporated radio card, compatible with the Nice Flo, FloR and Smilo systems.

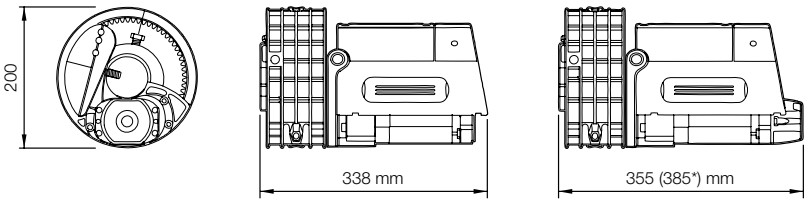
CODE	DESCRIPTION	PACK/PALLET
RN2010	FOR BALANCED ROLLING DOORS UP TO 130 kg, 230 V REVERSIBLE, WITHOUT BRAKE	35
RN2020	FOR BALANCED ROLLING DOORS UP TO 180 kg, 230 V REVERSIBLE, WITHOUT BRAKE	35
RN2030	FOR BALANCED ROLLING DOORS UP TO 130 kg, IRREVERSIBLE, WITH BRAKE AND RELEASE DEVICE	35
RN2040	FOR BALANCED ROLLING DOORS UP TO 180 kg, IRREVERSIBLE, WITH BRAKE AND RELEASE DEVICE	35

TECHNICAL SPECIFICATIONS

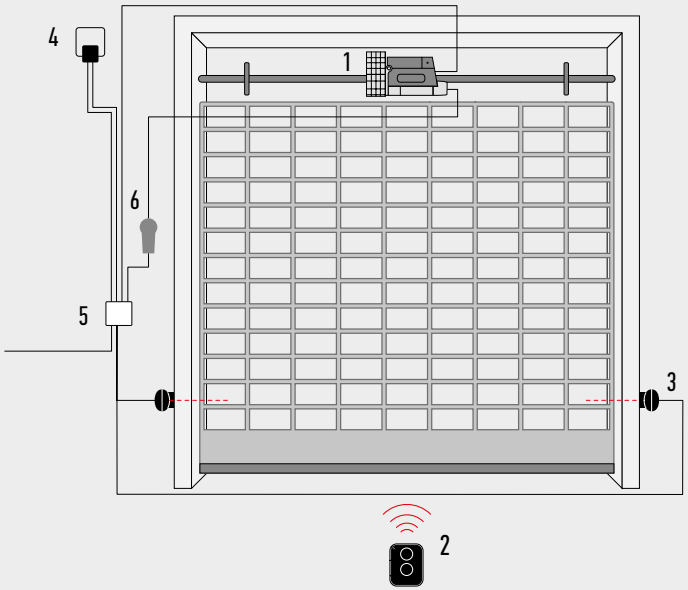
CODE	RN2010	RN2030	RN2020	RN2040
ELECTRICAL DATA				
POWER SUPPLY (Vac 50 Hz)*	230			
ABSORPTION (A)	2		2.6	
POWER (W)	450		600	
PERFORMANCE DATA				
SPEED (rpm)	10			
TORQUE (Nm)	130		180	
WORK CYCLE MAX (%)	50% WITH 30 S ON AND 30 S OFF			
DIMENSIONAL AND GENERAL DATA				
PROTECTION LEVEL (IP)	20			
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50			
DIMENSIONS (mm)	Ø 210x338	Ø 210x355	Ø 210x338	Ø 210x385
WEIGHT (kg)	9.5		10	

*60 Hz version available on request.

DIMENSIONS



INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS										FLASHING LIGHT			
CODE	A01 / Built-in*	A02 / Built-in*	A6F / FLOXI2R*	A700F / FLOXI2R*	A60 / OXI-SMXI*	A500 / FLOXI2R*	A924 / FLOXI2R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL**	EL24	ELB	WLT
RN2010	●	●									●	●	●	●	●	●	●				●	●			●			
RN2020	●	●									●	●	●	●	●	●	●				●	●			●			
RN2030	●	●									●	●	●	●	●	●	●				●	●			●			
RN2040	●	●									●	●	●	●	●	●	●				●	●			●			

*Radio receiver incompatible with Opera system
**Only with A02 control unit

ACCESSORIES

A01
CONTROL UNIT.

PC/PACK 1

A02
CONTROL UNIT
WITH AUTOMATIC CLOSING.

PC/PACK 1

KIO
KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD.

PC/PACK 1

RNA01
ELECTRONIC BRAKE
FOR RN2020 AND RN2010.

PC/PACK 1

TS
SIGNBOARD.

PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

CONTROL SYSTEMS

ERA RANGE RADIO CONTROL SYSTEMS	164 166 168 170 171 176	ERA P VIEW ERA TOUCH ERA INTI ERA ONE ERA FLOR RECEIVERS
OTHER TRANSMITTERS AND RECEIVERS	172 176	NICEWAY RECEIVERS
OPERA SYSTEM	178	O-VIEW, O-BOX, OX4T
TAG SYSTEM	184	TTX4, TTXB4, TT2, TT1

SIMPLE SOLUTIONS FOR COMPLEX INSTALLATIONS

Nice offers simple safe solutions to manage a large number of automations, lighting points and electrical loads.

MANAGING A "GROUP"

Era Screen transmitters can be used to control single automations, automation groups and multigroups.

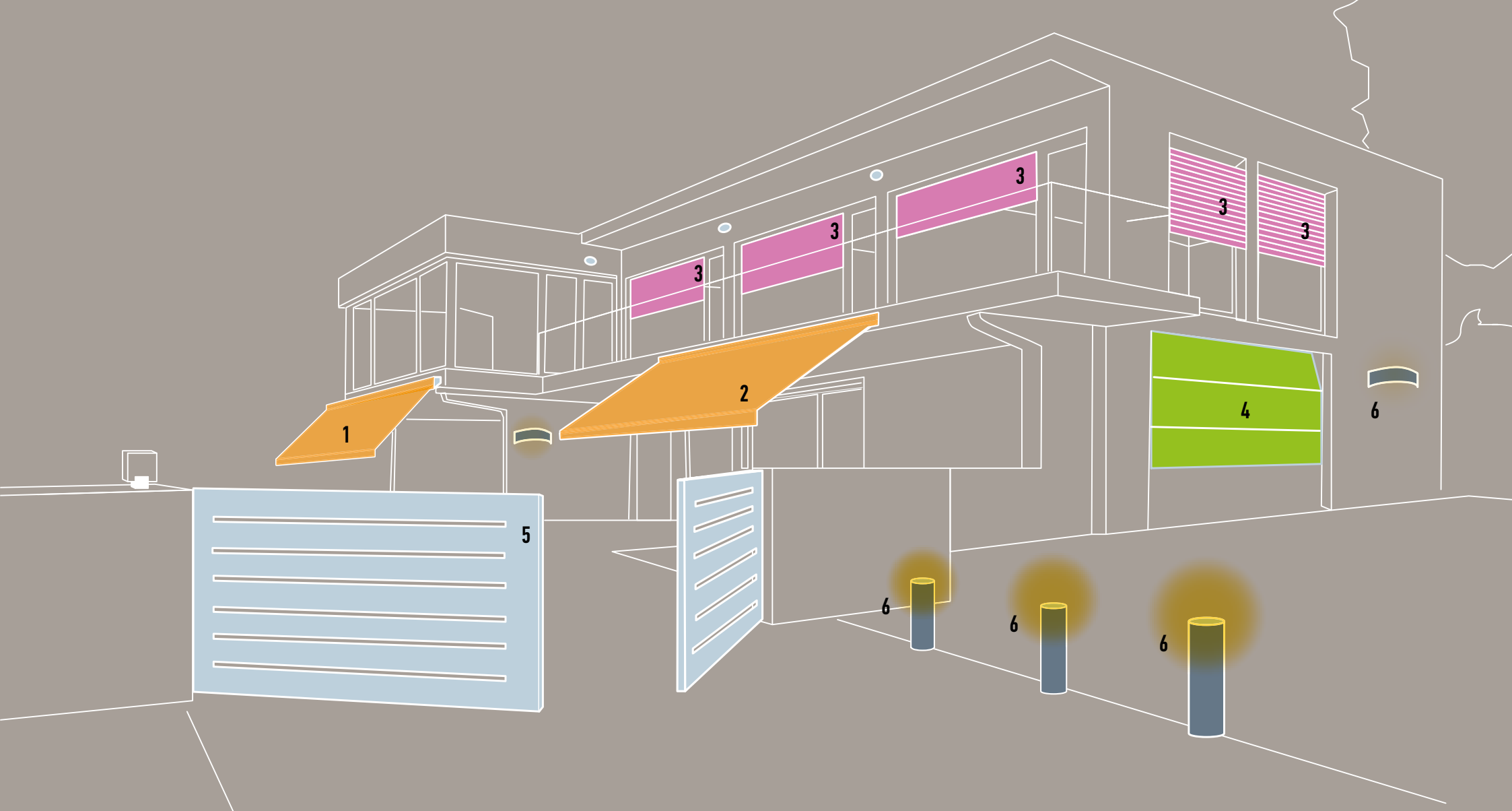
To connect a group of similar automations (gate only, awnings only) to a single key, during programming all the automations you want to activate together must be associated with that key.

MANAGING MULTIGROUPS

With 6-channel transmitters, groups of different automations (awnings and rolling shutters) can also be created.
These are known as “multigroups”.

INTEGRATION WITH OTHER SYSTEMS

As well as automation, transmitters in the Era line can also be used to manage outdoor lighting.
For example, if you connect the outdoor lights (for a maximum power of 1000 W/500 VA) to a receiver and a TT2L control unit, you can select one of the keys on the transmitter to control all of them together.



LEGEND

- 1. SINGLE AUTOMATION - AWNING
- 2. SINGLE AUTOMATION - AWNING
- 3. GROUP AUTOMATION - SOLAR SCREEN
- 4. SINGLE AUTOMATION - GARAGE DOOR
- 5. SINGLE AUTOMATION - GATE
- 6. GROUP - OUTDOOR LIGHTING

ERA P VIEW

Multifunction radio transmitter with intuitive graphic interface, LCD colour screen (2.2'') navigation by 5-key joypad.

To manage up to 99 devices singularly or in groups (20 zones, groups or scenarios).

With clock and calendar to configure timed commands.

Advanced programming for professionals!

The installer can access the transmitter and receiver programming and modify and create types and sets of commands. Direct access from first start-up by inserting the batteries or subsequently using the keys on the back of the transmitter.

Easy to use for all requirements: can be used in either simple or advanced mode.

Advanced Users
Can modify the transmitter settings and the labels identifying the devices and create, time, modify and control zones, groups and scenarios. They can also limit access to the advanced menu by a numerical password.

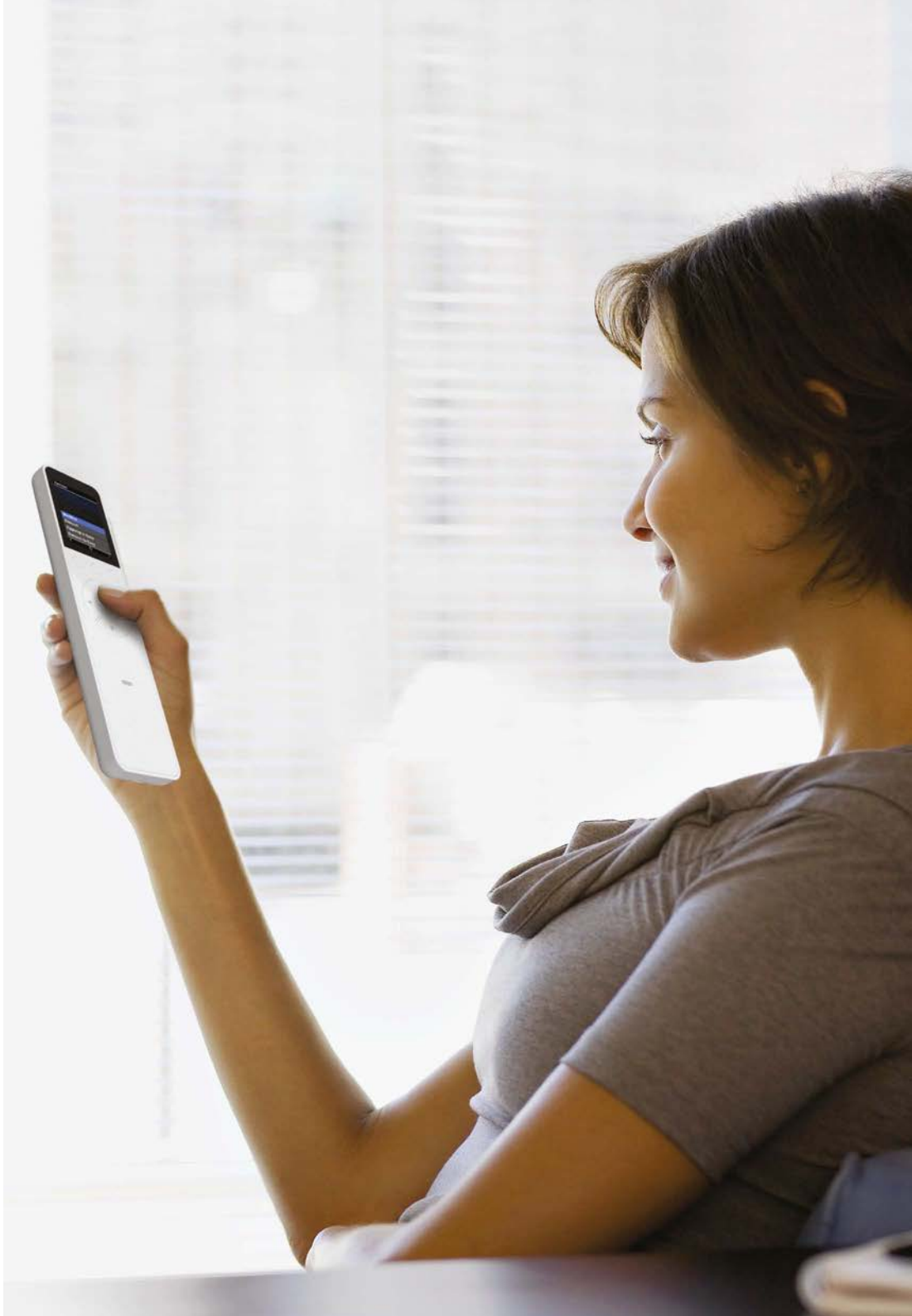
Easy Users
Can simply and directly control a small number of devices pre-authorised by the advanced user.
They can consult the dashboard and suspend timed events.

Practical and functional.

If not used for a few seconds, Era P View switches to stand-by to reduce battery consumption. Thanks to the built-in sensors, the device comes on again automatically when removed from the wall support or moved, or if any key is pressed.

USB socket: to recharge the batteries (if rechargeable).

With practical magnetic support for fixing to the wall.



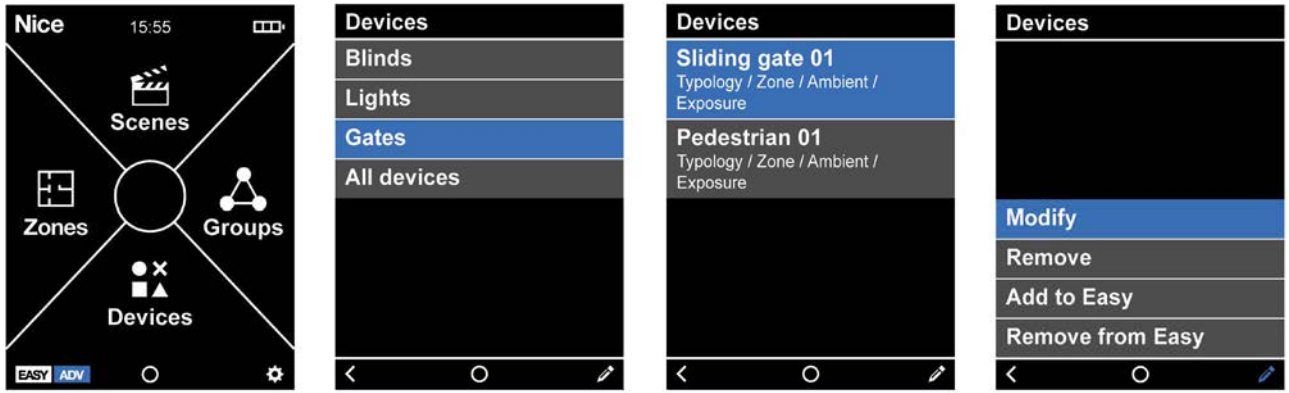
CODE	DESCRIPTION	PCS./PACK.
ERA P VIEW	MULTIFUNCTION RADIO TRANSMITTER WITH INTUITIVE GRAPHIC INTERFACE, TO MANAGE UP TO 99 DEVICES SINGLY OR IN GROUPS	1

TECHNICAL SPECIFICATION

POWER SUPPLY	2 AAA 1.5V ALKALINE BATTERIES
BATTERY LIFETIME	ABOUT 1 YEAR WITH 20 OPERATIONS PER DAY
RADIO CODING	ROLLING CODE
FREQUENCY	433.92 MHz (±100 kHz)
RANGE	ESTIMATED 200 M IN OPEN SPACE AND 35 M INDOORS
USB SOCKET	MICRO USB
OPERATING TEMPERATURE (°C)	-20; +50
PROTECTION CLASS	IP 40
DIMENSIONS (mm)	200x50x15 (WITHOUT WALL SUPPORT)
WEIGHT (g)	140

IMMEDIATE AND INTUITIVE SELECTION OF THE DEVICE TO BE CONTROLLED THANKS TO THE GRAPHIC INTERFACES

ADVANCED USERS: COMPLETE SELECTION MENU TO PROGRAMME AND MANAGE ALL DEVICES



ERA TOUCH

Touchscreen to control Nice automations and manage the NiceHome alarm system

The wireless Nice Era touchscreen can manage all home automations, thanks to remote control of:

- **a maximum of 99 single controls,**
- **up to 10 groups of controls,** to manage a number of automations of the same type simultaneously;
- **up to 10 single scenarios,** to manage different automations, including those associated with the alarm system.

By using Nice TT2L or TT2D miniaturised control units and/or universal receivers (es. SMX2R etc.) **you can manage light, irrigation and heating** (convector heaters, etc.).

Automations, groups and scenarios can be controlled in time bands thanks to the built-in weekly and hourly programmer.

Simple programming, configuration and control of the alarm system, with **intuitive graphic display, built-in vocal guide and bidirectional technology.**

Built-in proximity transponder badge reader for the management of alarm system: each individual key can be personalised for the single user and individual zones.

Thanks to the bidirectional wireless communication with the alarm system, the touchscreen displays alarm system status, indicating the status of each individual zone by means of simple icons.

Main functions:

- Management of Nice automations with **FLOR** encoding: it can control up to 99 single automations divided into sun screens, gates, garages and lighting.
- Simultaneous management of the controls for blinds, shutters and sun screens automated with Nice tubular motors.
- Control of single automations, groups of automations and the execution of scenarios, with the possibility of attributing a name to each automation.
- Management of timed controls through the built-in weekly and hourly programmer.
- Four programmable buttons to control automations and/or groups and/or scenarios.
- Scenarios combined with event notifications enable the garden lights to be turned on and/or the shutters to be closed in the event of an alarm in the garden.
- Easy to update thanks to the mini-USB connector.

HSTSA1
CHARGER BASE

HSB1
TRANSPONDER BADGE

CODE	DESCRIPTION	PACK/PALLET
HSTS2EN	WIRELESS TOUCH SCREEN	1
HSB1	TRANSPONDER BADGES	10
HSTSA1	CHARGER BASE FOR TOUCH SCREEN, WITH RECHARGEABLE BATTERIES INCLUDED	1

ACCESSORIES FOR TOTAL HOME MANAGEMENT:

CODE	DESCRIPTION	PACK/PALLET
TT2N	CONTROL UNIT FOR 230 Vac MOTOR WITH BUILT-IN RADIO RECEIVER	1
TT2L	CONTROL UNIT FOR MANAGEMENT OF 230 Vac LIGHTING SYSTEMS, WITH BUILT-IN RADIO RECEIVER	1
TT2D	CONTROL UNIT FOR MANAGEMENT OF 230 Vac LIGHTING SYSTEMS, WITH BUILT-IN RADIO RECEIVER AND SWITCHING MODULE	1
FLOX2R	UNIVERSAL RECEIVERS, 2 CHANNELS WITH BM250 MEMORY	1
SMX2R	UNIVERSAL RECEIVERS, 2 CHANNELS WITH 256-CODES MEMORY, PRE-WIRED	1

TECHNICAL SPECIFICATIONS

RADIO TRANSMISSION	
FREQUENCY	433,92 MHz - 434,32 MHz
TIPO	DIGITAL BIDIRECTIONAL WITH HSCU2 ALARM SYSTEM
RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS
FUNCTIONS	
DISPLAY	3.75" GRAPHIC 240x128 pixel, MONOCHROME BACKLIT
ON BUTTON	YES
CONFIGURABLE GROUPSI	10 CONFIGURABLE GROUPS OF SIMILAR AUTOMATIONS (SAME COMMANDS)
SCENARIOS	10 CONFIGURABLE SCENARIOS WITH COMMANDS CONTROLLING AUTOMATIONS AND ALARM ACTIVATION-DEACTIVATION
ACTIVATION TIMER	10 CONFIGURABLE
LED	BLUE - RADIO COMMUNICATION / RED - BATTERY FLAT / ORANGE - CHARGING / GREEN - FULLY CHARGED
FUNCTION BUTTONS	4 CONFIGURABLE
TRANSPONDER KEY READER	YES
MICROPHONE	YES
LOUDSPEAKER	0,5 W
VOICE RECORDER	5 MESSAGES FOR A TOTAL OF 120 S
SW UPDATING	YES BY MICRO-USB INPUT
MOVEMENT SENSOR	YES
EVENTS LOG	100
POWER SUPPLY	
POWER SUPPLY	2 x 1.5 V AA ALKALINE BATTERIES SUPPLIED
AUTONOMY	ON AVERAGE MORE THAN A YEAR DEPENDING ON USE
SUPPLEMENTARY POWER SUPPLY	BY HSTSA1 CHARGING BASE AND AA RECHARGEABLE BATTERIES CONNECTED TO THE MICRO-USB PORT
SYSTEM	
WORKING TEMPERATURE	+5° C ÷ + 40° C (EN50131 ENVIRONMENTAL CLASS I)
DIMENSIONS	154x83x20 mm
WEIGHT	250 g

ERA INTI

The colourful line of 1 and 2 channel miniaturised transmitters, available in six colours.

433.92 MHz rolling code, with management of Identity Codes and Certificates, self-learning and built-in proximity receiver; with 72 bit O-Code encoding, also compatible with receivers with Nice FLOR encoding.

Evolved: uses data processing and recognition systems that increase its degree of security and deliver a threefold reduction in automation response times.

Easy memorisation, even at a distance, thanks to Opera receivers.

There are two options for enabling a new Inti transmitter, **even at a distance from the system:**

- using a transmitter already programmed in the receiver, thanks to the enabling **Code exchange** between the two (figure 1);
- using the Nice O-Box connection interface; the receiver's **Certificate** is entered by just placing the new Inti next to the O-Box and following the guided procedure on a PC or PDA (figure 2).

Safe, if a transmitter is stolen or lost, with the O-Box the user can:

- **replace it,** maintaining the same functions as in the previous one, **disable** the old transmitter by increasing the priority level on the new Inti.

Inti can be used as keyring thanks to the lace included in the pack.

TRANSMITTERS INTI

CODE	DESCRIPTION	PCS/PACK
INTI1Y	1 CHANNEL, 433.92 MHz, YELLOW	10
INTI2Y	2 CHANNEL, 433.92 MHz, YELLOW	10
INTI1R	1 CHANNEL, 433.92 MHz, RED	10
INTI2R	2 CHANNEL, 433.92 MHz, RED	10
INTI1L	1 CHANNEL, 433.92 MHz, LILAC	10
INTI2L	2 CHANNEL, 433.92 MHz, LILAC	10
INTI1G	1 CHANNEL, 433.92 MHz, GREEN	10
INTI2G	2 CHANNEL, 433.92 MHz, GREEN	10
INTI1B	1 CHANNEL, 433.92 MHz, BLUE	10
INTI2B	2 CHANNEL, 433.92 MHz, BLUE	10
INTI1	1 CHANNEL, 433.92 MHz, BLACK	10
INTI2	2 CHANNEL, 433.92 MHz, BLACK	10
INTIKIT	THE KIT CONTAINS: 3 TWO-CHANNEL INTI UNITS (COLOURS RED, GREEN AND BLUE) 1 OX2 RECEIVER.	

TRANSMITTER TECHNICAL SPECIFICATIONS

	Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
INTI_Y, INTI_R, INTI_L, INTI_G, INTI_B, INTI	433.92 MHz	150 m (outdoors); 30 m (if inside buildings)*	O-Code 72 bit; rolling code	3 Vdc; lithium battery type CR2032	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	30x56x9 h mm 14 g

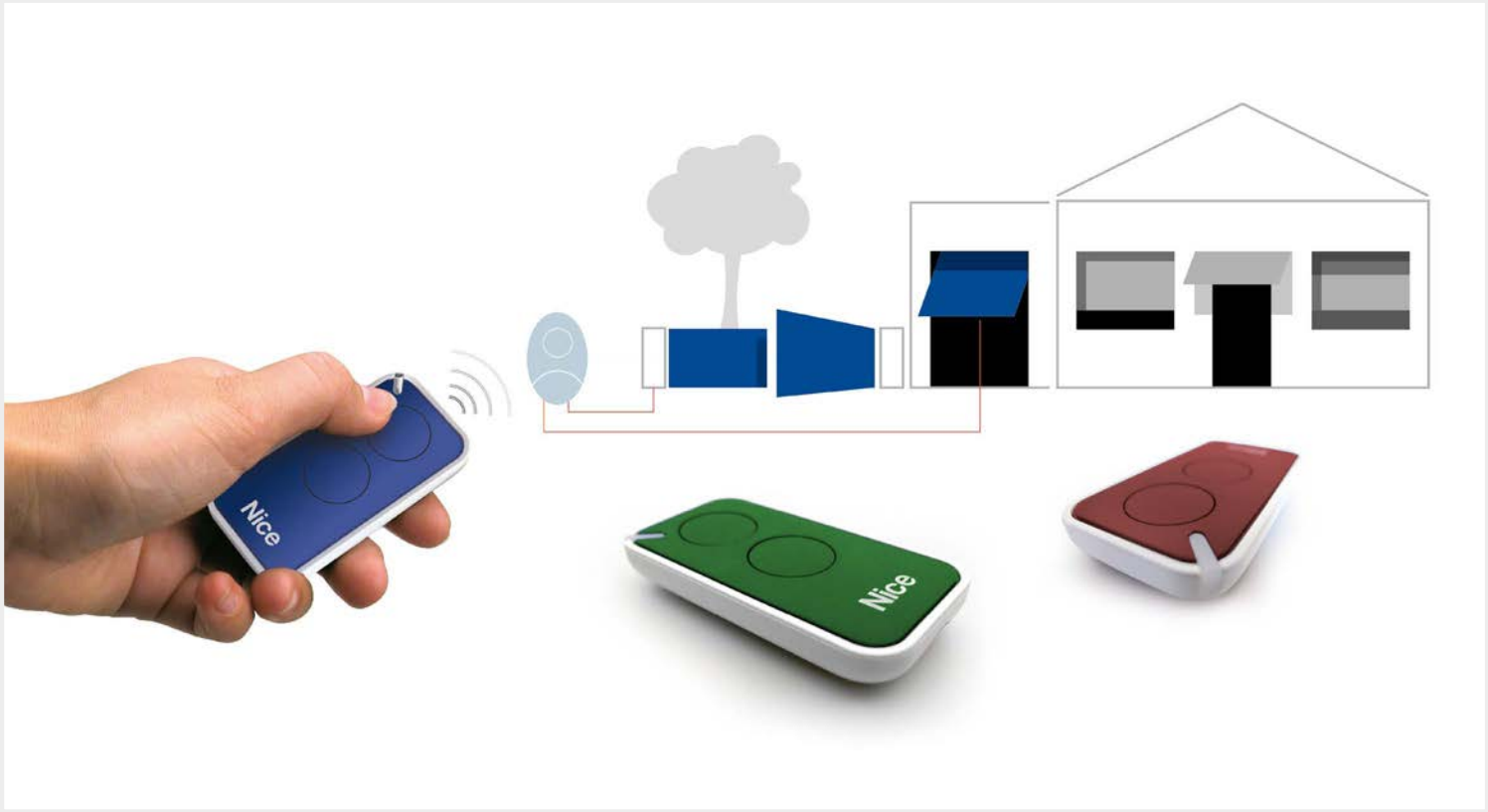
* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area.

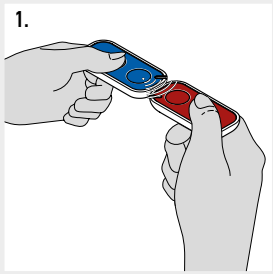
INTIKIT
THE KIT CONTAINS:
3 TWO-CHANNEL INTI UNITS
(COLOURS RED, GREEN AND BLUE)
1 OX2 RECEIVER.

UNINTIVERSAL!

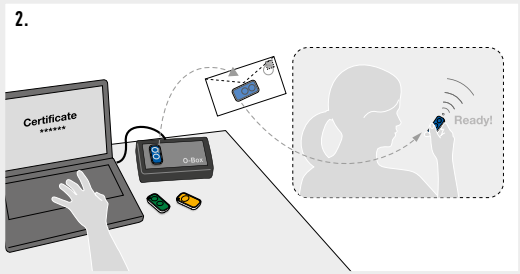
**Inti, the universal control!
Ideal for use in apartment
blocks or multi-user systems.**

Easy and cheap to install: combined with the OX2 universal receiver, the Inti transmitter is able to control and manage any automation, including pre-installed systems.

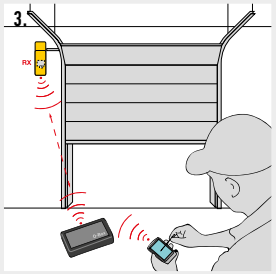




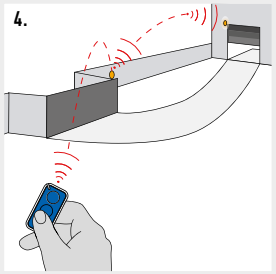
CODE EXCHANGE BETWEEN A MEMORIZED TRANSMITTER AND A NEW ONE, TO BE MEMORIZED.



POSSIBLE MEMORISATION USING NICE O-BOX AND THE "CERTIFICATE"



THE PRESENCE OF A "TRANSMITTER" IN THE OXIT, OX2T AND OX4T RECEIVERS ALLOWS RADIO CODES TO BE ACCESSED BY MEANS OF THE O-BOX MULTIFUNCTION INTERFACE.



OXIT, OX2T AND OX4T RECEIVERS CAN BE USED AS SIGNAL REPEATERS.

ERA ONE

The system includes 1, 2, 4 and 9 channel transmitters and prewired receivers with connector, with and without built-in transmitter.

433.92 MHz rolling code, with management of Identity Codes and Certificates, self-learning and built-in proximity receiver; with 72 bit O-Code encoding, also compatible with receivers with Nice FLOR encoding.

Available in versions with multiple input sequential encoding (Era OneC).

Evolved: uses data processing and recognition systems that increase its degree of security and deliver a threefold reduction in automation response times.

Easy memorisation, even at a distance, thanks to Opera receivers.

There are two options for enabling a new transmitter, **even at a distance from the system:**

- using a transmitter already programmed in the receiver, thanks to the enabling **Code exchange** between the two (figure 1);
- using the Nice O-Box connection interface; the receiver's **Certificate** is entered by just placing the new Era One next to the O-Box and following the guided procedure on a PC or PDA (figure 2).

Safe, if a transmitter is stolen or lost, with the O-Box the user can:

- **replace it,** maintaining the same functions as in the previous one, **disable** the old transmitter by increasing the priority level on the new Era One.

Extremely practical: using the O-Box software, the Era OneC version allows whole packs of 10 devices to be programmed in a single procedure, without even opening them!

Elegant and convenient: the Era One transmitter can be used as a stylish, high-tech keyring or fixed to the wall or your car's dashboard with the handy support included in the pack.

Era OneFM, ideal for use in cities or places where many devices are present.

868.46 MHz Rolling Code transmitter line, using frequency modulation (FM), less sensitive to interference than amplitude modulation AM.

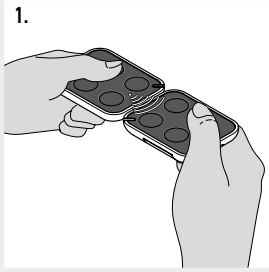
ERA ONE TRANSMITTERS

CODE	DESCRIPTION	PCS/PACK
ON1E	1 CHANNEL, 433.92 MHz	10
ON2E	2 CHANNELS, 433.92 MHz	10
ON4E	4 CHANNELS, 433.92 MHz	10
ON9E	9 CHANNELS, 433.92 MHz	10
ON1CE	1 CHANNEL, 433.92 MHz, WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10
ON2CE	2 CHANNELS, 433.92 MHz, WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10
ON4CE	4 CHANNELS, 433.92 MHz, WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10
ON1EFM	1 CHANNEL, 868.46 MHz	10
ON2EFM	2 CHANNELS, 868.46 MHz	10
ON4EFM	4 CHANNELS, 868.46 MHz	10
ON9EFM	9 CHANNELS, 868.46 MHz	10

TRANSMITTER TECHNICAL SPECIFICATIONS

	Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
ON_E, ON_CE	433.92 MHz	200 m (outdoor); 35 m (if inside buildings)*	O-Code 72 bit; rolling code	3 Vdc; type CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g
ON_EFM	868.46 MHz						

* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area.



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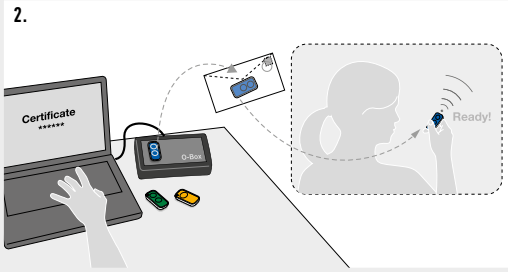


POSSIBLE MEMORISATION USING NICE O-BOX AND THE "CERTIFICATE".

ERA FLOR

1, 2 and 4 channel transmitters with a new stylish design.

433.92 MHz rolling code system with self-learning function.

Also available in versions with multiple input sequential encoding (Era FlorCE).

Absolute security: rolling code transmission makes the transmitter impossible to clone.

Ideal solution for the management of multi-user apartment block systems thanks to the unique, personal code.

Easy duplication of new transmitter close to the system by using an authorised transmitter or directly using a key on the receiver, while a LED displays the various functions.

Extremely practical: using the O-Box programming unit, the Era Flor-CE version allows whole packs of 100 devices to be programmed in a single procedure, without even opening them.

The O-Box and dedicated software applications for PC and PDA allow:

- **quick, user-friendly programming** of receivers and transmitters;
- **management and printout of code list;**
- creation of individual **installation databases** (useful in multi-user systems).

Optimal autonomy and low consumption.

Elegant and convenient: the Era FloR transmitter can be used as a stylish, high-tech keyring or fixed to the wall or your car's dashboard with the handy support included in the pack.

Total compatibility with previous Flor series receivers (universal, universal modular and with Nice or SM connector) and with the One receivers (OXI/OXIT, OX2/OX2T and OX4T).

ERA FLOR TRANSMITTERS

CODE	DESCRIPTION	PCS/PACK
FLO1RE	1 CHANNEL ERA FLOR TRANSMITTER	10
FLO2RE	2 CHANNEL ERA FLOR TRANSMITTER	10
FLO4RE	4 CHANNEL ERA FLOR TRANSMITTER	10
FLO1RCE	1 CHANNEL ERA FLOR TRANSMITTER WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10
FLO2RCE	2 CHANNEL ERA FLOR TRANSMITTER WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10
FLO4RCE	4 CHANNEL ERA FLOR TRANSMITTER WITH MULTIPLE INPUT SEQUENTIAL ENCODING	10

TRANSMITTERS TECHNICAL SPECIFICATIONS

Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
433.92 MHz	150/200 with tuned antenna in open spaces*	52 bit digital (4.5 million billion combinations)	3 Vdc; lithium battery type CR2032	3 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g

* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area.

FLO1RE

FLO2RE

FLO4RE

NICEWAY

Modular control system
to manage the range of Nice automations
from any point within the home.

Modular
The NiceWay system is based on a number of transmitter modules that can be placed in five different holder models to create a flexible range of made-to-measure solutions.
Although the modules, available from 1 to 80 groups or 240 channels, are very small in size, they are extremely easy to operate.

Advanced and compatible
Frequency of 433.92 MHz, 52 Bit Rolling Code with (over 4.5 million of billion combinations); self-learning function.
Compatible with the 433.92 MHz Nice Ergo, Plano, FloR and VeryVR systems (Flo and Smilo with WM240C and WM080G).
Estimated range: 200 m in a free field, 35 m indoors.
Extended battery life (3 V lithium battery).

All the NiceWay solutions
The 240 channel module with display, which controls 80 groups and 70 multi-groups, is ideal for the management of sophisticated systems. All the awnings, roller shutters and gates, as well as the office, home and hotel irrigation and lighting systems in just 14 g and 16 cm^2!

Made-to-measure
To protect the electronic parts from dirt and damp, the rubber function buttons are incorporated in the actual body of the control modules.
NiceWay can be used anywhere in the home, in the garage, the living room, the kitchen as well as the bathroom.

Professional
For a more professional and practical use, the system can be programmed by means of the handy Nice palmtops.

TECHNICAL SPECIFICATIONS

POWER SUPPLY (Vdc)	: 3 V WITH 1 LITHIUM BATTERY CR2032
BATTERY LIFE	: > 2 YEARS WITH 10 EVENTS/DAY
FREQUENCY	: 433.92 MHz ± 100 KHz
RADIATED POWER	: ESTIMATED AT APPROX. 1 mW
PROTECTION RATING (IP)	: 40
ESTIMATED RANGE	: 200 m IN A FREE FIELD, 35 m INDOORS
CODING	: 52 BIT ROLLING CODE
OPERATING TEMPERATURE (°C MIN. MAX.)	: -20 ÷ +55
DIMENSIONS (mm)	: 41x41x10
WEIGHT (g)	: 14

The heart of the NiceWay system
The 1, 3, 6 and 9-channel modules for the control of single automations, groups or multi-groups: awnings, roller shutters, rolling doors, gates, industrial and garage doors, barrier gate operators, lighting and irrigation systems.

1. The transmitter module **2.** The module holder cover **3.** Wall or table shockproof holder **4.** Table shockproof holder **5.** Squared wall plate **6.** Rectangular wall plate.

MODULE	CODE	DESCRIPTION	PC./PACK
MODULES TO CONTROL STEP-BY-STEP AUTOMATION SYSTEMS			
	WM001C	SINGLE CHANNEL MODULE TO CONTROL 1 AUTOMATION SYSTEM	10
	WM003C	THREE CHANNEL MODULE TO CONTROL 3 STEP-BY-STEP AUTOMATION SYSTEMS	1
	WM009C	NINE CHANNEL MODULE TO CONTROL 9 STEP-BY-STEP AUTOMATION SYSTEMS	1

Memorizing radio controls in Mode I: ON - OFF Mode II: ON/OFF - HOLD TO RUN - TIMER1 - TIMER2 (for the Screen products MODO II programmation)

HYBRID MODULE TO CONTROL STEP-BY-STEP AND OPEN-STOP-CLOSE AUTOMATION SYSTEMS			
	WM003C1G	MODULE TO CONTROL 3 STEP-BY-STEP AND 1 OPEN-STOP-CLOSE AUTOMATION SYSTEMS	1
MODULES TO CONTROL OPEN-STOP-CLOSE AUTOMATION SYSTEMS			
	WM001G	MODULE TO CONTROL 1 OPEN-STOP-CLOSE AUTOMATION SYSTEM EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE	1
	WM002G	MODULE TO CONTROL 2 OPEN-STOP-CLOSE AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE	1
	WM003G	MODULE TO CONTROL 3 OPEN-STOP-CLOSE AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE	1
	WM006G	MODULE TO CONTROL 6 OPEN-STOP-CLOSE AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE	1
	WM004G	MODULE TO CONTROL 4 OPEN-STOP-CLOSE AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE AND SUN SENSOR ACTIVATION COMMAND	1
MULTI-CHANNEL DISPLAY MODULE			
	WM080G	MODULE TO CONTROL 80 OPEN-STOP-CLOSE AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE AND SUN SENSOR ACTIVATION COMMAND	1
	WM240C	MODULE TO CONTROL 240 STEP-BY-STEP AUTOMATION SYSTEMS EITHER INDIVIDUALLY OR IN MULTI-GROUP MODE	1

NICE DESIGN

Sophisticated shock-proof materials, immaculate finish, and essential design: wear, comfort and ease are guaranteed by the internationally renowned and prize-winning Nice design.

The choice of discreet or personalised solutions is vast thanks to the wide choice of colours and finishes.

STONE

NiceWay - Stone
Portable and table-top supports.

Fetching and practical
With Stone the radio control device becomes even more functional and catching.
In shock-proof rubber to completely protect the transmitting module, fully directional for greater reception, Stone is available in neutral or bright colours so as to perfectly blend into modern or elegant homes.

Comfortable anywhere
Resistant to the most violent of shocks and garden humidity, Stone is always easy to find, be it on the living room or office coffee table, on the kitchen worktop, in the bathroom or on the side of the pool.

CODE	DESCRIPTION	PC/PACK
WEW	TABLE SHOCKPROOF HOLDER, WHITE	10
WEO	TABLE SHOCKPROOF HOLDER, ORANGE	10

WEW

WEO

ONDO

NiceWay - Ondo
Portable, wall mounted and table-top supports.

Portable, from table to wall
Ondo is the versatile NiceWay line support; the wall support with its simple magnetic fixing system, transforms Ondo from a comfortable portable transmitter to an inconspicuous wall plate.

Ondo, made in a shiny dirt-resistant plastic, has a rubber lower section to improve grip and prevent slipping when used on surfaces.

The transmitter module can be inserted so that Ondo can be used both in width and in length to increase the personalisation possibilities.

CODE	DESCRIPTION	PC/PACK
WAX	TABLE HOLDER, WHITE PLASTIC AND ICE BLUE RUBBER	10
WWW	MAGNETIC WALL SUPPORT FOR WAX	10

WAX

WWW

OPLA

NiceWay
Wall plaques.

Elegant, discreet and functional
Extremely slim - as is the plate itself - the transmitter inserted into the Opla wall plate permits to inconspicuously and fetchingly add additional control points without having to perform any building operations.

The NiceWay Opla wall plates are available in the square Opla-S version and the rectangular Opla-R version and in many different colours.

CODE	DESCRIPTION	PC/PACK
WSW	SQUARED WALL PLATE, WHITE	10
WSB	SQUARED WALL PLATE, BLACK	10
WSA	SQUARED WALL PLATE, ALUMINIUM	10
WSG	SQUARED WALL PLATE, GRAPHITE	10
WST	SQUARED WALL PLATE, NEUTRAL TRANSPARENT	10
WSS	SQUARED WALL PLATE, SEAWATER	10

CODE	DESCRIPTION	PC/PACK
WRW	RECTANGULAR WALL PLATE, WHITE	10
WRB	RECTANGULAR WALL PLATE, BLACK	10
WRA	RECTANGULAR WALL PLATE, ALUMINIUM	10
WRG	RECTANGULAR WALL PLATE, GRAPHITE	10
WRT	RECTANGULAR WALL PLATE, NEUTRAL TRANSPARENT	10
WRS	RECTANGULAR WALL PLATE, SEAWATER	10

WSW, WRW

WSB, WRB

WSA, WRA

WSG, WRG

WST, WRT

WSS, WRS

GO

NiceWay
Mini cover.

Go Nice!
Snugly in the pocket!
Every NiceWay transmitter really becomes portable with the Go support: the maximum performance to manage up to 240 channels from anywhere and with the maximum compactness.

Made of shock-proof rubber, in different and exclusive colours, Go protects the module from the most severe of knocks.

Go can be hung anywhere and can also be used as a key-ring thanks to the tie that is included in the pack.

CODE	DESCRIPTION	PC/PACK
WCF	MINI COVER, FERN GREEN	10
WCG	MINI COVER, GRAPHITE	10
WCI	MINI COVER, ICE BLUE	10
WCO	MINI COVER, ORANGE	10

WCF

WCG

WCI

WCO

RECEIVERS
ERA INTI, ONE, FLOR, NICEWAY

The complete line of receivers with Opera system functions, suitable for all installation requirements:

- **with connector,** compatible with latest-generation Nice control units with SM port;
- **universal prewired,** for use with all types of control unit, **for the control of any automation, lighting or irrigation system or other electric circuits.**

Maximum flexibility:
up to 1024 transmitters can be memorised.

Convenient and practical:
the inclusion of a transmitter in the OXIT/OXITFM, OX2T/OX2TFM and OX4T receivers allows radio codes to be accessed by means of the O-Box multifunction interface even when in inaccessible positions (figure 3).

OXIT/OXITFM, OX2T/OX2TFM and OX4T receivers can be used as signal repeaters to increase the operating distance between transmitters and other One series receivers (figure 4).

Secure use, thanks to the 3 password-protected levels.

The O-Box and dedicated software applications for PC and PDA allow:

- **quick, user-friendly programming** of receivers and transmitters;
- **management** and printout **of code list;**
- creation of **individual installation databases** (useful in multi-user systems).

SM plug-in receiver with Flor system functions, step-by-step and anti-burglar functions.

Management of multi-user system through the unique, personal code: the recognition receivers can receive and memorise up to 255 codes.

Memorisation: a particular receiver output can be associated to each transmitter key (e.g. key 3 TX= output 1 RX).

433.92 MHz RECEIVERS, WITH OPERA SYSTEM FUNCTIONS

WITH CONNECTOR

CODE	DESCRIPTION	PCS/PACK
OXI	4 CHANNELS, WITHOUT BUILT-IN TRANSMITTER	1
OXIT	4 CHANNELS, WITH BUILT-IN TRANSMITTER	1

PRE-WIRED UNIVERSAL

OX2	2 CHANNELS, WITHOUT BUILT-IN TRANSMITTER	1
OX2T	2 CHANNELS, WITH BUILT-IN TRANSMITTER	1
OX4T	4 CHANNELS, WITH BUILT-IN TRANSMITTER	1

OXI, OXIT

OX2, OX2T

OX4T
See page 177

868.46 MHz RECEIVERS, WITH OPERA SYSTEM FUNCTIONS

WITH CONNECTOR

CODE	DESCRIPTION	PCS/PACK
OXIFM	4 CHANNELS, WITHOUT BUILT-IN TRANSMITTER	1
OXITFM	4 CHANNELS, WITH BUILT-IN TRANSMITTER	1

PRE-WIRED

OX2FM	2 CHANNELS, WITHOUT BUILT-IN TRANSMITTER	1
OX2TFM	2 CHANNELS, WITH BUILT-IN TRANSMITTER	1

OXIFM, OXITFM

OX2FM, OX2TFM

433,92 MHz RECEIVERS, WITH FLOR SYSTEM FUNCTIONS

WITH SM PLUG-IN

CODE	DESCRIPTION	PCS/PACK
SMXI	UP TO 4 CHANNELS WITH 256-CODES MEMORY	1

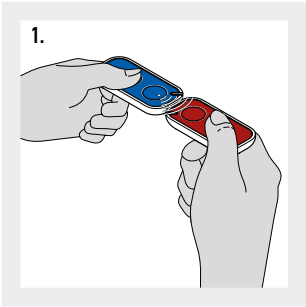
Professional, tuned directional aerial

ABF	BRACKET MOUNTED	1

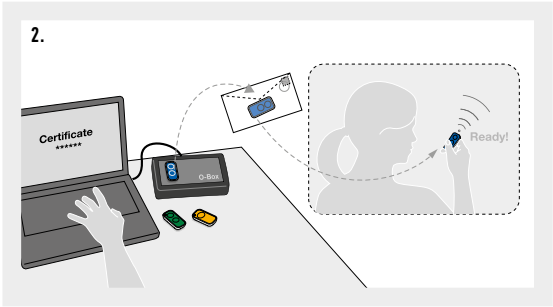
MULTI-FUNCTION INTERFACE

CODE	DESCRIPTION	PCS/PACK
O-BOX2	DUAL BAND INTERFACE, FOR 433.92/868.46 MHz DEVICES, COMPLETE WITH SOFTWARE, SUPPLIED WITH USB CONNECTION CABLE.	1
O-BOX2B	DUAL BAND INTERFACE, FOR 433.92/868.46 MHz DEVICES, COMPLETE WITH SOFTWARE, WITH USB CONNECTION CABLE AND BUILT-IN BLUETOOTH MODULE.	1

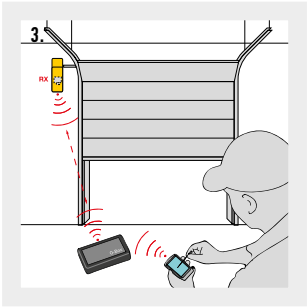
O-BOX



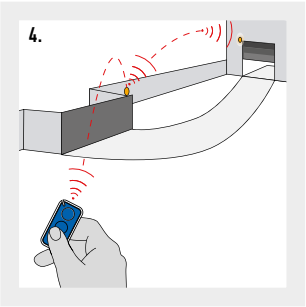
CODE EXCHANGE BETWEEN A MEMORIZED TRANSMITTER AND A NEW ONE, TO BE MEMORIZED.



POSSIBLE MEMORISATION USING NICE O-BOX AND THE "CERTIFICATE".



THE PRESENCE OF A "TRANSMITTER" IN THE OXIT, OX2T AND OX4T RECEIVERS ALLOWS RADIO CODES TO BE ACCESSED BY MEANS OF THE O-BOX MULTIFUNCTION INTERFACE.



OXIT, OX2T AND OX4T RECEIVERS CAN BE USED AS SIGNAL REPEATERS.

RECEIVER WITH OPERA SYSTEM - TECHNICAL SPECIFICATIONS

	Reception frequency (MHz)	Transmission frequency (MHz)	Input impedance (Ohm)	Sensitivity	Encoding	Number of channels	Relay contact	Power supply	Absorption	Protection class	Dimensions Weight
OXI	433.92	-	52	>0.5 µ V for signals with successful outcomes	O-Code, FloR, Flo	4 (15 on BUS T4)	-	5 Vdc	30 mA (max)	IP 30	50x19x45 h mm, 20 g
OXIT		433.92									
OX2		-				2	max 0.5 A 50 V (NA)	from 12 to 28 Vdc/Vac	80 mA (max)with relays active		58x86x22 h mm, 55 g
OX2T											
OX4T		433.92				4 relays with NO and NC contacts, voltage-free	5 A - 250 V	110 ÷ 240 Vac 50/60 Hz	80 mA	IP 44 (with container intact)	128x112x43 h mm, 260 g
OXIFM	868.46	-		>0.8 µ V for signals with successful outcomes	O-Code	4 (15 on BUS T4)	-	5 Vdc	30 mA (max)	IP 30	50x19x45 h mm, 20 g
OXITFM		868.46									
OX2FM		-				2	max 0.5 A 50 V (NA)	from 12 to 28 Vdc/Vac	100 mA (max) with relays active		58x86x22 h mm, 55 g
OX2TFM		868.46									

RECEIVER WITH FLOR SYSTEM - TECHNICAL SPECIFICATIONS

	Reception frequency (MHz)	Input impedance (Ohm)	Sensitivity	Power supply	Absor. when quiescent	Decoding	Number of channels	Relay contact	Dimensions (mm)
SMXI	433,92 quartz controlled	52	> 0,5 µV for signals with successful outcomes	5 Vdc	-	52 digital bits (4.5 million billion comb.)	4	-	50x18x46 h

ACCESSORIES - TECHNICAL SPECIFICATIONS

	Reception frequency (MHz)	Impedance (Ohm)	Bracket	Cablec
ABF	433,92	50	stainless steel	RG 58

OPERA

Opera Control, advanced management of automation systems also at a distance.
The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time.

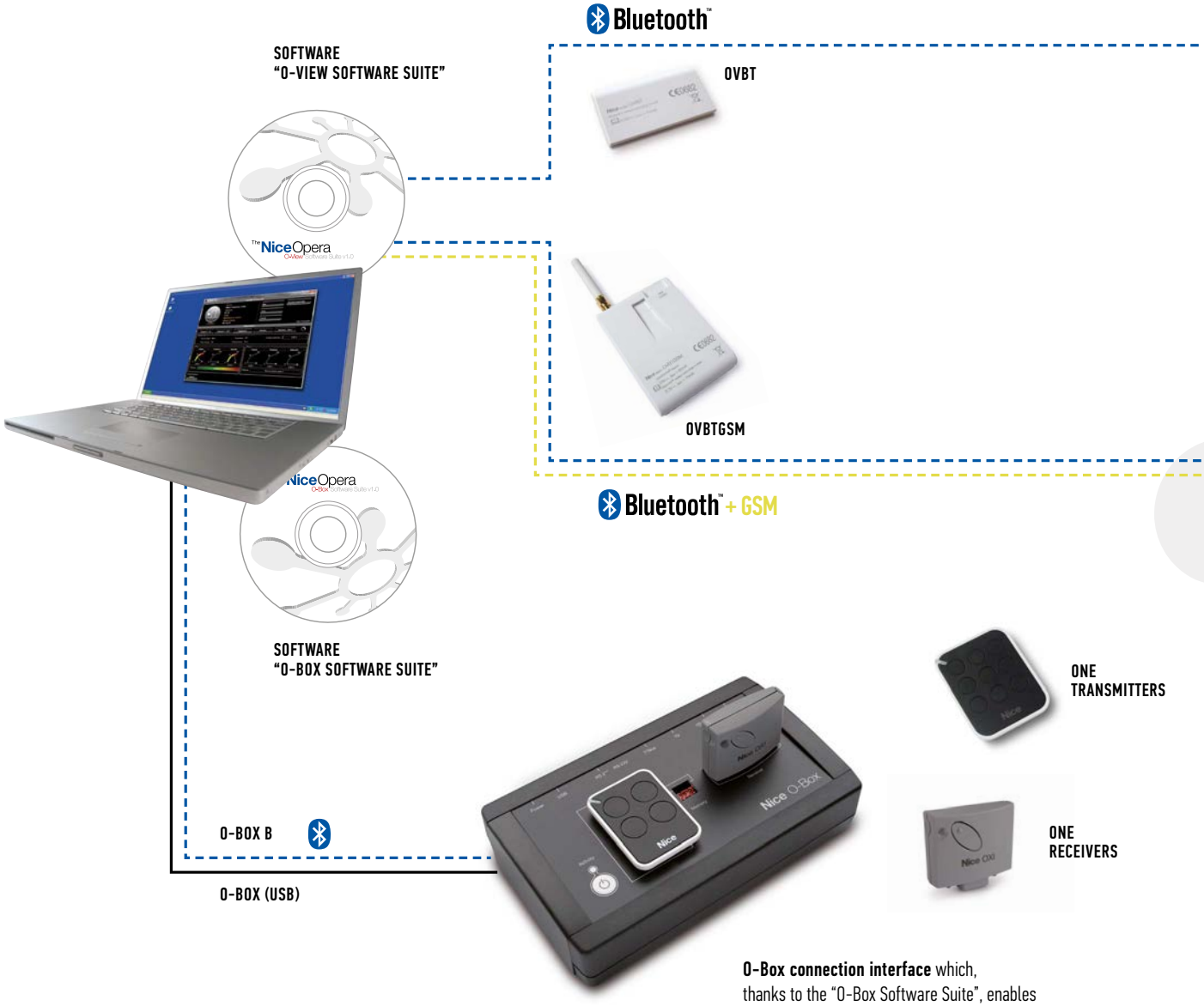
The **Opera** system comprises transmitters and **One** series receivers, the O-Box connection interface and the communication **software "O-View Software Suite"** and **"O-Box Software Suite".**
All components communicate via **BUS T4** or the new **O-Code** Rolling Code system, making transmissions safer and reducing automation response times.

Nice Opera simplifies the installer's work, making for easier programming, and enabling access to all control panel parameters to adapt the system to all requirements.
No specific procedures needed for each product: single programming mode with intuitive menus, with no need to consult instructions.

Constantly efficient assistance for all customers:
Simplifies system programming by means of the O-View multifunction display which when connected directly to the control panels compatible with the Opera system via BUS T4, enables full access to the system functions, for practical, rapid and advanced programming.

BUS T4 is the innovative communication protocol that enables you to create extensive networks of compatible automation systems, managing them from a single point via O-View.

Device management can be protected by two password levels. By interfacing the system with the PC, you can control a complex automation system such as those found in densely frequented buildings (hospitals, hotels, companies, etc.).



O-Box connection interface which, thanks to the "O-Box Software Suite", enables the configuration and programming of all Nice control devices, from the PC or PDA.

<<< BUS T4

O-View, multifunction display
Unit for control, programming and diagnostics for devices equipped with BUS T4 connection, on site or remotely via GPRS thanks to the connection with your PDA, Smartphone or PC.

Gates

Garage doors

Barriers

<<< BUS T4

OX4T universal 4-channel receiver
with built-in transmitter. For remote control of any automation, irrigation and lighting systems or other electrical circuits.

for Nice Motors not designed for

Rolling shutters

Garage doors

Gates

Barriers

Lighting systems

Irrigation systems

O-VIEW

OPERA

Unit for control, programming and diagnostics for devices equipped with BUS T4 connection, on site or remotely via GPRS thanks to the connection with your PDA, Smartphone or PC.

Advanced management: O-View is connected directly to the compatible control unit via a BUS T4 cable (supplied). By connecting O-View permanently to a control unit or group of control units via BUS T4, a network can be created for local or remote centralised management.

Simple programming mode with intuitive menus valid for each product, with no need to consult the specific instructions.

O-View powers up and automatically recognises all devices on the network as soon as it is connected, displaying only the specific parameters of the device on which to intervene.

In the case of several devices on the network the BUS T4 address is identifiable by means of a text label personalised as required, enabling rapid recognition of the associated device.

Programmable: thanks to the built-in clock, it is also possible (with integrated backup battery) to program delivery of commands at a set time, for example to automate opening and closing of complex industrial and commercial systems or for the creation of "scenarios".

A practical wall-mounted support supplied.

Safe: two password- protected levels (for the user and the installer).

Practical: O-View is your portable office, and can be connected just when programming or for maintenance, or can be installed permanently on site to exploit all the benefits of local or remote centralised management.

OVBT

OVBTGSM

O-VIEW SOFTWARE SUITE

CODE	DESCRIPTION	PC./PACK
OVIEW	UNIT FOR CONTROL, PROGRAMMING AND DIAGNOSTICS OF DEVICES EQUIPPED WITH BUS T4 CONNECTION	1
OVBT	BLUETOOTH MODULE FOR O-VIEW AND "O-VIEW SOFTWARE SUITE" APPLICATION FOR PC, PDA OR SMARTPHONE	1
OVBTGSM	GSM MODULE FOR O-VIEW AND "O-VIEW SOFTWARE SUITE" APPLICATION FOR PC, PDA OR SMARTPHONE	1

TECHNICAL SPECIFICATIONS

GRAPHIC INTERFACE	: LCD DISPLAY 128x64 DOTS (46x29 mm); 2.2"
OPERATOR INPUT DEVICE	: JOYPAD WITH 5 + 2 KEYS
DISPLAY/KEY LIGHTING	: WHITE LIGHT
TIME AND DATE DISPLAY	: WITH BACKUP BATTERY (MIN. LIFETIME 10 YEARS)
MAXIMUM NUMBER OF COMMANDS PER HOUR	: 64
EVENT LOG	: STORAGE CAPACITY 400 EVENTS
CONNECTION CABLE LENGTH (m)	: 2 (CABLE SUPPLIED); 700 (OTHER CABLE)
POWER SUPPLY	: SUPPLIED BY DEVICES ON BUS T4 NETWORK
ABSORBED CURRENT (mA)	: MAX. 20 (WITHOUT ACCESSORIES)
INSULATION	: CLASS III
HOUSING PROTECTION RATING (IP)	: 20
WORKING TEMP. (°C MIN/MAX)	: FROM -20° TO +55°
DIMENSIONS (mm)	: 107x61x20 h (WITH WALL-MOUNTED SUPPORT: 125x70x32 h)
WEIGHT (g)	: 75 (WITHOUT CABLE)

ACCESSORIES

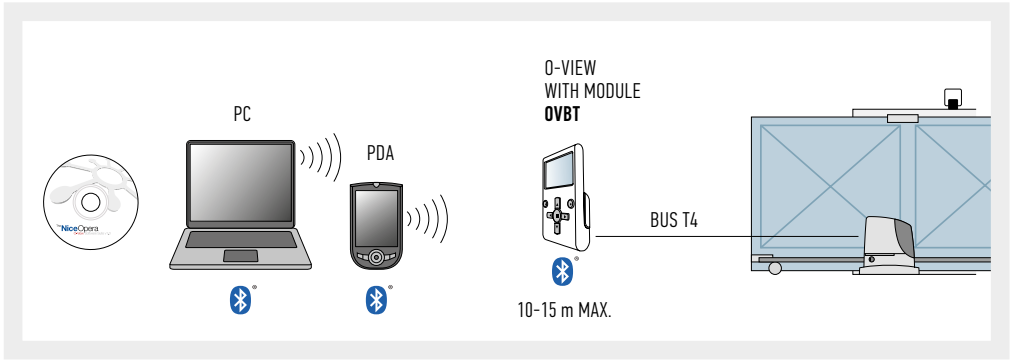
CODE	DESCRIPTION	PC./PACK
OVA1	CLAMP FOR FITTING CONNECTORS RJ14	1
OVA2	CONNECTORS RJ14, TYPE 6/4, FOR FLAT 4-WIRE CABLE	5
OVA3	RJ14 SPLITTERS, TYPE 6/4, FOR CASCADE CONNECTION OF DEVICES ON BUS T4 NETWORK	5
OVA4	FLAT 4-WIRE CABLE FOR CONNECTION OF DEVICES ON BUS T4 NETWORK, LENGTH 100 m	1

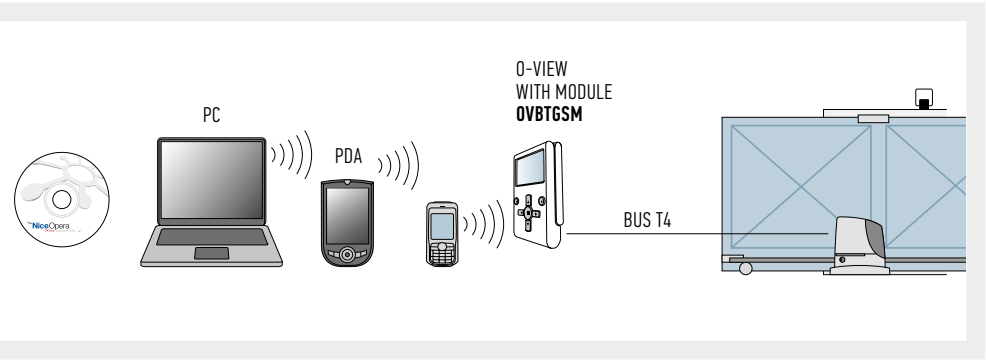
OVA1

OVA2

OVA3

OVA4





OVBT

Bluetooth connection module for O-View interface.

"O-View Software Suite" enables connection via PC or PDA to O-View in the vicinity of the system, to intervene on the control units on the BUS T4 network. Maximum connection distance 15 m.

The interface of "O-View Software Suite" has been specially designed to enable rapid access to all parameters of the connected devices without the need for physical access, as well as quick diagnostics of malfunctions by consulting the event log, all the most practical and intuitive way possible.

The O-View control function has been expanded: in just one PC screen, all applications connected via BUS T4 can be controlled.

OVBTGSM

In addition to the benefits of the OVBT module, the automation or network of automations can now be **controlled via GSM** by connecting O-View to the system via BUS T4.

A GPRS connection also enables connection via the Internet to O-View to obtain all management functions offered by the software from any location with no need for presence on site.

The user can remotely control the automation via GSM, from any of the enabled numbers, and check status, such as opening a gate by means of a phone call or by sending 4 different controls via SMS text message, with the security offered by entry of a unique password.

O-VIEW SOFTWARE SUITE

This application, supplied with OVBT and OVBTGSM, as well as expanding the functions of O-View enables the creation of a database of installations with personal data of clients and configurations of each system, even on more complex versions.

There are two versions of software: "O-View Desktop" designed for installation on a PC and "O-View Mobile" which enables use of the functions of the desktop version on a smaller screen of a PDA or Smartphone.

By connecting to the site www.nice-service.com users can download the constantly updated firmware and software versions.

Minimum requirements

O-View Mobile version for PDA palmtop:

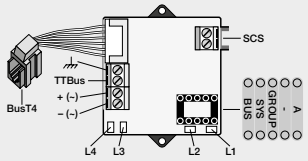
- Processor: (300 MHz) Recommended by Nice: (> 300 MHz)
- RAM: 64 MB Recommended by Nice: 128 MB
- Storage memory: 5 MB Recommended by Nice: 20 MB
- Operating system: Windows® Mobile 2003 Recommended by Nice: Windows® 5.0
- Connection: Bluetooth®
- Graphics resolution: 240 x 320, 256 colours
- PC with: CD-Rom (required for software installation on palmtop).

O-View Desktop version for PC:

- Processor: type AMD®/Intel® (500 MHz) Recommended by Nice: type AMD®/Intel® (1 GHz)
- RAM: 128 MB Recommended by Nice: 256 MB
- Free space on disk: 280 MB Recommended by Nice: 512 MB
- Operating system: Windows® 98 SE or later Recommended by Nice: Windows® 2000 or later up to Win 7
- Connection: Bluetooth®
- Graphics resolution: 800 x 600, 256 colours
- Disk drive: CD-Rom (required for installation).

Note – software installation includes installation of the program Microsoft®.NET Framework Redistributable 2.0.

INB, the Nice control interface that enables communication between the systems Nice Bus (TTBus and BusT4) and MyHome of BTicino (SCS).



CODE	DESCRIPTION	PC/PACK
INB	COMMUNICATION INTERFACE BETWEEN BTICINO BUS (SCS) AND NICE BUS (TTBUS AND BUST4)	1

TECHNICAL SPECIFICATIONS

	Power supply	Consumption	Insulation	Protection rating (IP)	Working temp. (°C Min. Max)	Dimensions (mm)
INB	to BusT4, or 24 Vac/dc (limits 20 ÷ 35 Vdc, 22 ÷ 35 Vac)	approx. 18 mA	class III	20	-20÷50 °C	41x52x18h

O-BOX

OPERA

O-Box is the multi-function interface
which, thanks to the dedicated software
"O-Box Software Suite", enables **the configuration and programming directly from the PC or PDA,** practically and intuitively, **all transmitters, receivers and other Nice control devices.**

The convenience of remote control:
O-Box enables a number of tasks to be performed directly from the office, **without the need to visit the client's system.**
For example the operator can program the functions and parameters of transmitters with the utmost of ease, and send them already configured and operative to the clients.

It is also possible to:
- program transmitters in the One series via radio;
- manage all functions via radio of the receivers in the One series fitted with built-in transmitter;
- read and write transponder badges in the Moon series;
- receive data via radio from transmitters in the series Smilo, VeryVE, Flo, VeryVR, FloR, One, Niceway or via optical reader for transmitters in the Bio series;
- program receivers in the series Smilo, Bio, FloR and One and memories of the control devices MOMB, MOTB and MORX;
- create and manage an updated database with personal data of clients and configurations of the receivers installed in the respective systems.

O-Box interfaces with your PC or PDA palmtop, performing the control, entry, deletion, enabling or disabling of codes, programming of the memory, functions and typical parameters of the receivers, transmitters and other Nice control devices.

The software "O-Box Software Suite"
can be installed quickly and easily either on PC (O-Box Desktop version) or on PDA palmtop (O-Box Mobile version).

Universal: O-Box manages all programming procedures possible by means of BUPC.
It also enables import of databases previously created using the software for BUPC.

CODE	DESCRIPTION	PC./PACK
OBOX2	MULTIPURPOSE INTERFACE COMPLETE WITH SOFTWARE "O-BOX SOFTWARE SUITE" WITH USB CONNECTION CABLE SUPPLIED. DUAL BAND, FOR DEVICES AT 433.92/868.46 MHz	1
OBOX2B	MULTIPURPOSE INTERFACE COMPLETE WITH SOFTWARE "O-BOX SOFTWARE SUITE" WITH USB CONNECTION CABLE AND INTEGRATED BLUETOOTH MODULE. DUAL BAND, FOR DEVICES AT 433.92/868.46 MHz	1

TECHNICAL SPECIFICATIONS

CODE	**OBOX2**	**OBOX2B**
FREQUENCY RECEPTION (MHz)	433.92/868.46	
ESTIMATED RANGE (m)	10	
COMMUNICATION WITH WINDOWS	USB, RS232	BLUETOOTH, USB, RS232
COMMUNICATION WITH WINDOWS MOBILE	-	BLUETOOTH
WORKING TEMP. (°C MIN/MAX)	-20 : +55	
DIMENSIONS (mm)	195x116x48	
WEIGHT (g)	412	418

ACCESSORIES

CODE	DESCRIPTION	PC./PACK
ALA1	BATTERY CHARGER POWER SUPPLY UNIT	1
CABLA01	CABLE FOR CONNECTING O-BOX TO THE COMPUTER VIA THE RS232 PORT	1
CABLA02	OPTICAL READER FOR PROGRAMMING TRANSMITTERS IN THE SERIES "BIO" AND "FLOR"	1
CABLA03	CABLE FOR CLONING TRANSMITTERS IN THE SERIES "VERY"	1
CABLA04	CABLE FOR CLONING TRANSMITTERS IN THE SERIES "BIO" AND "FLOR"	1
CABLA05	CABLE FOR PROGRAMMING TUBULAR MOTORS FOR AWNINGS AND SHUTTERS, EQUIPPED WITH PORT TTBUS	1
CABLA06	CABLE FOR PROGRAMMING RECEIVERS UNIVERSAL IN THE SERIES "SMX" AND "OX"	1
CABLA07	CABLE FOR CLONING TRANSMITTERS IN THE SERIES "ERGO" AND "PLANO"	1
CABLA09	CABLE FOR CLONING TRANSMITTERS IN THE SERIES "ERA-FLOR"	1

NOTE ON CABLA ACCESSORIES:
O-Box is only supplied with the USB cable; all other cables are optional and are not supplied in the pack.

Minimum software installation requirements

O-Box Mobile version for PDA palmtop:
- Processor: (300 MHz) Recommended by Nice: (> 300 MHz)
- RAM: 64 MB Recommended by Nice: 128 MB
- Storage memory: 5 MB Recommended by Nice: 20 MB
- Operating system: Windows® Mobile 2003 Recommended by Nice: Windows® 5.0
- Connection: Bluetooth®
- Graphics resolution: 240 x 320, 256 colours
- PC with: CD-Rom (required for software installation on palmtop).

O-Box Desktop version for PC:
- Processor: type AMD®/Intel® (500 MHz) Recommended by Nice: type AMD®/Intel® (1 GHz)
- RAM: 128 MB Recommended by Nice: 256 MB
- Free space on disk: 280 MB Recommended by Nice: 512 MB
- Operating system: Windows® 98 SE or later Recommended by Nice: Windows® 2000 or later up to Win 7
- Connection: Bluetooth®
- Graphics resolution: 800 x 600, 256 colours
- Disk drive: CD-Rom (required for installation).

Note - software installation includes installation of the program Microsoft®.NET Framework Redistributable 2.0.

OX4T

OPERA

Universal 4-channel receiver in the One series, with built-in transmitter.
For remote control of any automation on gates, garage doors, road barriers, shutters, awnings, venetian blinds, irrigation and lighting systems or other electrical circuits.

Equipped with BUS T4 connector for connection to O-View.

An extended system:
OX4T manages 4 outputs controlled by 4 relays, usable as power relays or voltage-free contacts, to extend use of the Opera system also to devices with specific provisions.

Thanks to the internal transmitter, OX4T can be used as a repeater, thereby increasing the operating range between transmitters and other receivers in the One series.

Practical and functional:
OX4T can be connected via radio to the interface O-Box and via BUS T4 to the multifunction display O-View, to enable programming, diagnostics, timed functions and management of codes, also remotely by means of the modules OVBT and OVBTGSM.

2 programming modes:
"Mode I" and the new "extended Mode II" which enables expansion of the number of controls to up to 14.

Multicode: OX4T is also compatible with the transmitters with encoding system O-code, Smilo, Flo, FloR, FloR and TTS.

OX4T is fitted with removable terminals to facilitate connections and a generously sized memory to enable storage of up to 1024 transmitters, with the option for password protection.

CODE	DESCRIPTION	PC./PACK
OX4T	UNIVERSAL 4-CHANNEL RECEIVER WITH BUILT-IN TRANSMITTER	1

TECHNICAL SPECIFICATIONS

POWER SUPPLY (Vac 50/60 Hz)	: 110 ÷ 240
MAXIMUM ABSORBED CURRENT (mA)	: 80
ENCODING	: O-CODE / TTS / FLOR (ROLLING CODE); OR SMILO (ROLLING CODE) OR FLO
FREQUENCY (MHz)	: 433.92
ANTENNA IMPEDANCE (Ohm)	: MORE THAN 0.5 FOR SUCCESSFUL SIGNAL
ESTIMATED RANGE (m)	: 200 IN OPEN SPACES 35 IF INSIDE BUILDINGS
RADIATED POWER (Dbm)	: +2
MAX. CAPACITY OF TRANSMITTER MEMORY	: 1024 (MAXIMUM)
OUTPUTS	: 4 RELAYS WITH NO AND NC CONTACTS, VOLTAGE-FREE
CONTACT CAPACITY	: 5 A - 250 V
TIMER TIMES	: PROGRAMMABLE FROM 2 SECONDS TO 540 MINUTES
PROTECTION RATING (IP)	: 44 (WITH CONTAINER INTACT)
WORKING TEMP. (°C MIN/MAX)	: FROM -20° TO +55°
DIMENSIONS (mm)	: 128X112X43 H
WEIGHT (g)	: 260

ACCESSORIES

CODE	DESCRIPTION	PC./PACK
OVA1	CLAMP FOR FITTING CONNECTORS RJ14	1
OVA2	CONNECTORS RJ14, TYPE 6/4, FOR FLAT 4-WIRE CABLE	10
OVA3	RJ14 SPLITTERS, TYPE 6/4, FOR CASCADE CONNECTION OF DEVICES ON BUS T4 NETWORK	5
OVA4	FLAT 4-WIRE CABLE FOR CONNECTION OF DEVICES ON BUS T4 NETWORK, LENGTH 100 m	1

OVA1

OVA2

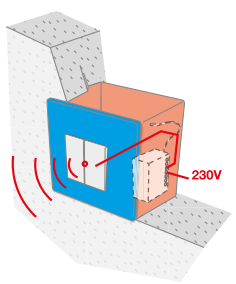
OVA3

OVA4

TAG SYSTEM

Ideal for restorations and upgrades of existing systems.

The Tag system, disappearing inside standard wall mounted plates and suitable to confined spaces, are ideal for restorations and upgrades of existing systems to control home automations, lighting points and all loads up to 500 W not directly accessible from cable controls.
All without the need to replace the existing system or involve building work!



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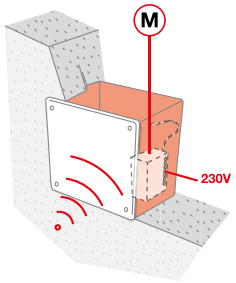

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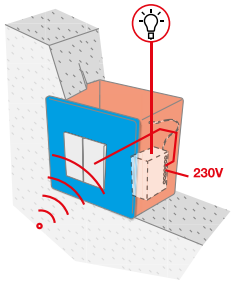

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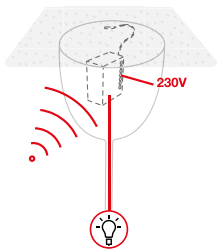


4

1. TTX4: recessed transmitter with mains power supply. Ideal for the control of automations not directly accessible from cable controls.
2. TT2N: miniaturised control unit for control of a 230 Vac motor up to 500 W, with built-in radio receiver.
3. TT2L: miniaturised control unit for control of lighting systems, with built-in radio receiver.
4. TT2D: miniaturised control unit for control of lighting systems from multiple points, with built-in radio receiver and switch.

Invisible, but highly effective

Since miniaturised control units are incorporated invisibly into ordinary wall plates, they allow quick and easy installation and unbeatable safe, precise connection with all system components.
Extremely compact size.

Perfect for every home

Ideal in renovation projects and when upgrading existing systems to control home automations, all with no need to replace the existing system or do any building works!
What could be more discreet? It's Nice!

Comfort and simplicity always

Tag system coupled to the transmitter range.
With just a simple touch, NiceWay module allows the wireless control of awnings and shutters, automation, irrigation and lighting systems and all loads up to 1,000W/500 VA not accessible by cable and, what's more, offers the option of wire connecting the miniaturized control unit to the existing wall switch in order to get an additional control point.

TTX4, TTXB4

TTX4, with mains power supply and TTXB4, with long battery life power.

Optional connection of up to 4 pushbuttons for cable control of automations.

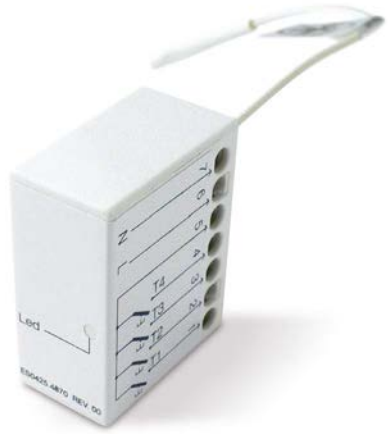
Recessed transmitter ideal for the control of automations not directly accessible from cable controls.

433.92 MHz frequency, with 52 bit rolling code (over 4.5 million of billion combinations).

CODE	DESCRIPTION	PC/PACK
TTX4	RECESSED TRANSMITTER, 4 CHANNELS, WITH MAINS POWER	1
TTXB4	RECESSED TRANSMITTER, 4 CHANNELS, WITH LONG BATTERY LIFE POWER	1

TECHNICAL SPECIFICATIONS

CODE	TTX4	TTXB4
POWER SUPPLY	120 or 230 Vac, 50/60 Hz; (limits 100 ÷ 255 V)	3 Vdc; lithium battery type CR2032
CARRIER FREQUENCY	433,92 MHz ± 100 KHz	
ESTIMATED RANGE	35 m INDOORS	
CODING	52 BIT DIGITAL (4.5 MILION BILLION COMBINATIONS)	
PROTECTION RATING (IP)	20	
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +55°	
DIMENSIONS (mm)	18x33x40 h	



TT2

Mindy TT miniaturised control units, totally compatible with the Nice transmitters in the series Era, NiceWay, Flo, Very, Planotime, FloR and Smilo.

Maximum flexibility: can memorise up to 30 transmitters in Mode I and Mode II.

Fast programming thanks to the programming button. An indicator LED helps the user to follow the correct programming procedure, for example signalling when the set thresholds of the climatic sensor are exceeded.

Possibility of connection
to climatic sensors Nemo and Volo S-Radio.

IP20 protection level.

TT2N, control unit for 230 Vac motor up to 500 W, with built-in radio receiver.

Possibility of connecting a pushbutton for cable control in mode STEP-BY-STEP - ALWAYS UP - ALWAYS DOWN.

Possibility of memorizing radio controls in
Mode I: UP - STOP - DOWN - "HOLD-TO-RUN" DOWN
Mode II: STEP-BY-STEP - UP STOP - DOWN STOP - STOP - "HOLD-TO-RUN" DOWN - "HOLD-TO-RUN" UP.

TT2L, control unit for lighting systems, with built-in radio receiver.

For the control of 230 Vac mains voltage loads with power up to 1000 W / 500 VA.

Simplified connections thanks to the switch connected directly to the power mains (not for TT2D).

Possibility of connecting a switch for cable control in ON/OFF mode.

Possibility of memorizing radio controls in
Mode I: ON - OFF
Mode II: ON/OFF - HOLD TO RUN - TIMER1 - TIMER2.

Connection to climatic sensor Volo S-Radio enables management of light activation and shutdown by means of the "Sun" sensor.

Programmable timer from a minimum of 0.5" to a maximum of approx. 9 hours; optimised programming procedure, maintaining set values also in the event of a power failure.

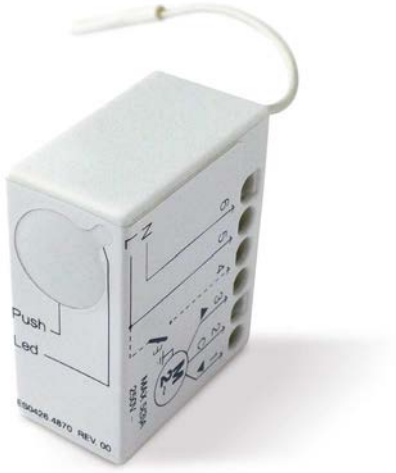
TT2D, control unit for lighting systems from multiple points, with built-in radio receiver and switch.

Same characteristics as TT2L.

CODE	DESCRIPTION	PC/PACK
TT2N	CONTROL UNIT FOR 230 Vac MOTOR WITH BUILT-IN RADIO RECEIVER	1
TT2L	CONTROL UNIT FOR MANAGEMENT OF 230 Vac LIGHTING SYSTEMS, WITH BUILT-IN RADIO RECEIVER	1
TT2D	CONTROL UNIT FOR MANAGEMENT OF 230 Vac LIGHTING SYSTEMS, WITH BUILT-IN RADIO RECEIVER AND SWITCHING MODULE	1

TECHNICAL SPECIFICATIONS

CODE	TT2N	TT2D	TT2L
POWER SUPPLY (Vac/Hz)	120 O 230 Vac, 50/60 Hz, LIMITS: 100÷255 Vac		
FREQUENCY (MHz)	433.92		
FOR TRANSMITTERS IN THE SERIES	ERA, NICEWAY, FLOR-S, FLO, VERYVE, VERYVR, SMILO		
MAXIMUM MOTOR POWER	500VA FOR VN = 230V, 600VA FOR VN = 120V	1000W/500VA FOR VN = 230V, 600W/600VA FOR VN = 120V	
PROTECTION RATING (IP)	20		
MANOEUVRE DURATION (SEC)	4÷240 S (FACTORY SETTING APPROX. 150 S)	1 S÷9 H (FACTORY SETTING TIMER1=1 MIN, TIMER2=10 MIN)	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +55		
DIMENSIONS (mm)	40x18x32		
WEIGHT (g)	20		



TT2N

TT2L

TT2D

TT1

Mindy TT1 miniaturised control units with pass-through installation, IP55 protection,
With radio-controls 433.92 MHz receiver with over 4.5 million billion combinations.
Self-recognition of the transmitters of the Era, NiceWay, Flo, Very, Planotime, FloR and Smilo series.

TT1N for awnings and rolling-shutters.
For motors max. 500 W.

Total flexibility of motor control with 2 transmitter memorisation modes
Mode I: UP - STOP - DOWN
Mode II: STEP-BY-STEP - ASCENT ONLY - DESCENT ONLY - STOP.

Memorizes up to 30 transmitters.

Internal terminal board for connection.

Manages the new climatic sensors Nemo and Volo S-Radio for synchronised controls.

The work time can be programmed from a minimum of 4" to a maximum of 4'.

TT1L for lighting systems, irrigation pumps, etc...
For controlling loads with a mains voltage of 230 Vac and power max 500 W.

Memorizes up to 30 transmitters.

Internal terminal board for connection.

Manages up to 2 timers for automatic switch off.

Maximum control versatility with 2 transmitter memorisation modes
Mode I: ON - OFF with separate buttons
Mode II: ON - OFF - MAN PRESENT - TIMER.

Timer can be programmed from a minimum of 0.5" to a maximum of approximately 9'.

CODE	DESCRIPTION	PC/PACK
TT1N	CONTROL UNIT FOR PASS THROUGH INSTALLATIONS FOR ONE 230 Vac MOTOR UP TO 500 W, WITH BUILT-IN RADIO-CONTROLLED RECEIVER. 2 PROGRAMMING MODES AND PROGRAMMABLE WORKING TIME	1
TT1L	CONTROL UNIT FOR PASS THROUGH INSTALLATIONS FOR LIGHTING/IRRIGATION SYSTEMS, 230 Vac MAX. 500 W, WITH BUILT-IN RADIO RECEIVER. 2 PROGRAMMING MODES AND 2 TIMERS FOR AUTOMATIC SWITCH OFF	1

TECHNICAL SPECIFICATIONS

CODE	**TT1N**	**TT1L**
POWER SUPPLY (Vac/Hz)	230/50	
FREQUENCY (MHz)	433.92	
FOR TRANSMITTERS IN THE SERIES	ERA, NICEWAY, FLOR-S, FLO, VERYVE, VERYVR, SMILO	
MAXIMUM MOTOR POWER	500 W / 400 VA	
PROTECTION RATING (IP)	55	
MANOEUVRE DURATION (SEC)	PROG. 4-250	TIMER1 TIMER2 FROM 0.5" A 540'
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +55	
DIMENSIONS (mm)	98x26x20	
WEIGHT (g)	45	

1 2 3 A
4 5 6 B
7 8 9 C
0
Nice

ACCESSORIES

SYSTEM OF PHOTOCELLS, KEY-OPERATED AND DIGITAL SELECTOR SWITCHES, TRANSPONDER READERS AND CONTROLLING ENTRIES	190	THE RANGE ERA GATE ACCESSORIES
	192	ERA PHOTOCELL S
	194	ERA PHOTOCELL M
	196	ERA PHOTOCELL L
	198	ERA KEYPAD
	199	ERA KEYPAD WIRELESS
	200	ERA KEY SWITCH
	201	ERA TRANSPONDER READER
	202	ERA POST
FLASHING LIGHTS	204	ERA LIGHT
	205	WALLYGHT
WIRELESS ACCESSORY SYSTEM	206	NICE SOLEMYO AIR NET SYSTEM
PHOTOCELLS AND SAFETY DEVICES	210	EVEN SAFER AUTOMATION
	212	FT210
	213	F210
KEY-OPERATED SELECTOR	214	KIO
	214	KIOMINI

NICE ERA PHOTOCELLS, SELECTORS & PROXIMITY READER

The new Nice generation of optical devices for automation safety, available with Nice BlueBUS technology for a simplified installation.

Three different sizes of photocells synchronized to meet any need and complete the safety and comfort of every automation system, also in the tightest spaces, perfect for use with renovations to cover annoying existing set-ups.

> SLIM

With only 30 mm width, also in burglar-proof version, ideal for tight spaces.

> MEDIUM

In burglar-proof and positionable versions, ideal for the most popular systems.

> LARGE

Positionable, also in versions for recessed mounting with 9 mm projection, ideal for concealed installations.

> ERA KEYPAD

Extremely strong metal body, 27 millimetres depth
and only 13 mm from the wall for the recessed mounting version.

**DIGITAL SELECTOR
WIRELESS (EDSWG)**

Digital selector
in burglar-resistant version
13 keys.

DIGITAL SELECTORS (EDS)

Digital selector
in burglar-resistant version
for outdoor and recessed
installation.

> ERA KEY

Wafer thin, only 13 millimetres depth from the wall
in the recessed versions.

**KEY SELECTORS
WITH EUROPEAN CYLINDER (EKSU)**

Key selectors
in version for outdoor
or recessed mounting.

**KEY SELECTORS
WITH STANDARD CYLINDER (EKS)**

Key selectors
in version for outdoor
or recessed mounting.

> ERA TRANSPONDER READER

Transponder proximity reader for cards and badges
with customized programming.

PROXIMITY READERS (ETP)

Proximity readers
for card and badge
reading.

TRANSPONDER BADGE

Convenient transponder badge
with a practical through hole
to add the key chain on.

ERA PHOTOCELL S

BLUEBUS

Fixed, synchronized photocells Slim, also with Nice BlueBUS technology.

Safe:
D type device according to specification EN12453 which allows to pick-up obstacles on the optical axis between transmitter (TX) and receiver (RX).

Using the fototest function it is possible to achieve class 2 safety fault according to specification EN 954-1.

Cutting-edge technologies:
antiglare circuit which eliminates possible sunlight interference.

Practical:
8° angle of reception.

Resistant and vandal-proof:
ABS body resistant to weather conditions, available also in burglar-resistant version with metal shell.

Nice BlueBUS technology:
available with the BlueBUS system, which allows an easy connection to the control unit of all devices with only two wires, by simply connecting them in parallel and selecting the jumpers for addressing according to the needed function.
The system acquires automatically the devices connected to the BlueBus network.

Automatic synchronization between multiple photocell pairs in order to avoid other possible interferences between the devices.

IB interface:
allows the connection of proximity readers with Nice BlueBUS technology to control units having terminals for traditional contacts.

EPS
EPSB

EPSA
EPSAB

PHOTOCELLS

CODE	DESCRIPTION	PCS./PACK.
EPS	PAIR OF OUTDOOR PHOTOCELLS SLIM	1
EPSA	PAIR OF OUTDOOR PHOTOCELLS SLIM, BURGLAR-RESISTANT METAL BODY	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPSB	PAIR OF OUTDOOR PHOTOCELLS SLIM, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK	1
EPSAB	PAIR OF OUTDOOR PHOTOCELLS SLIM, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK, BURGLAR-RESISTANT METAL BODY	1
IB	INTERFACE FOR PHOTOCELL BLUEBUS CONNECTION TO NON PREPARED STATIONS	1

TECHNICAL SPECIFICATION

	Estimated range (m)	Power supply	Absorption (mA)	Protection class (IP)	Operating temperature (°C Min/Max)	Relay range	Dimensions (mm)	Weight (g)
EPS	15	24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac	25 RX, 30 TX	44	-20 - +50	max 500 mA and 48 V	30x27x106 h	120
EPSA							31x28x108 h	440

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Electric power supply output	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
EPSB	up to 15 for offset maximum TX-RX ± 5 (the device can signal an obstacle also in adverse weather conditions)	the devices can be connected only to "BlueBUS" networks from which it receives the power supply and transmits the output signals	44	-20 - +50	30x27x106 h	120
EPSAB					31x28x108 h	440

	Power supply	Absorption with power pack 24 Vdc	Absorption with power pack 24 Vac	Output BlueBUs	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
IB	16÷35 Vdc 18÷28 Vac	50 mA (add approx. 50 mA for each photocell pair)	44 mA (add approx. 40 mA for each photocell pair)	with a load of max 9 BlueBUS units	30	-20 - +50	86x58x22 h	72

IB

ERA PHOTOCELL M

BLUEBUS

Synchronized photocells Medium, fixed or positionable, also with Nice BlueBUS technology.

Safe:
D type device according to specification EN12453 which allows to pick-up obstacles on the optical axis between transmitter (TX) and receiver (RX).

Using the fototest function it is possible to achieve class 2 safety fault according to specification EN 954-1.

Cutting-edge technologies:
antiglare circuit which eliminates possible sunlight interference.

Practical:
10° angle of reception. The positionable versions allow for the compensation of centering gaps up to 30°.

The models EPM, EPM0, EPMA and EPMA0 provide for 2 range levels.

Resistant and vandal-proof:
ABS body resistant to weather conditions, available also in burglar-resistant version with metal shell.

Nice BlueBUS technology:
all models are available with the BlueBUS system, which allows an easy connection to the control unit of all devices with only two wires, by simply connecting them in parallel and selecting the jumpers for addressing according to the needed function. The system acquires automatically the devices connected to the BlueBus network.

Automatic synchronization between multiple photocell pairs in order to avoid other possible interferences between the devices.

IB interface:
allows the connection of photocells with Nice BlueBUS technology to control units having terminals for traditional contacts.

EPM
EPMB

EPM0
EPM0B

EPMA
EPMAB

EPMA0
EPMA0B

PHOTOCELLS

CODE	DESCRIPTION	PCS./PACK.
EPM	PAIR OF OUTDOOR PHOTOCELLS	1
EPMO	PAIR OF OUTDOOR PHOTOCELLS, 30° POSITIONABLE	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPMB	PAIR OF OUTDOOR PHOTOCELLS, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK	1
EPMOB	PAIR OF OUTDOOR PHOTOCELLS, 30° POSITIONABLE, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK	1

PHOTOCELLS - BURGLAR-RESISTANT METAL BODY

CODE	DESCRIPTION	PCS./PACK.
EPMA	PAIR OF OUTDOOR PHOTOCELLS, BURGLAR-RESISTANT METAL BODY	1

PHOTOCELLS - BURGLAR-RESISTANT METAL BODY WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPMAB	PAIR OF OUTDOOR PHOTOCELLS, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK, BURGLAR-RESISTANT METAL BODY	1

PHOTOCELLS - POSITIONABLE BURGLAR-RESISTANT METAL BODY

CODE	DESCRIPTION	PCS./PACK.
EPMAO	PAIR OF OUTDOOR PHOTOCELLS, 30° POSITIONABLE, BURGLAR-RESISTANT METAL BODY	1

PHOTOCELLS - BURGLAR-RESISTANT POSITIONABLE METAL BODY WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPMAOB	PAIR OF OUTDOOR PHOTOCELLS, 30° POSITIONABLE, BURGLAR-RESISTANT METAL BODY, FOR CONNECTIONS VIA NICE BLUEBUS NETWORK	1

ACCESSORIES

CODE	DESCRIPTION	PCS./PACK.
IB	INTERFACE FOR PHOTOCELL BLUEBUS CONNECTION TO NON PREPARED STATIONS	1

TECHNICAL SPECIFICATION

	Estimated range (m)	Power supply	Absorption (mA)	Photocell adjustability	Protection class (IP)	Operating temperature (°C Min/Max)	Relay range	Dimensions (mm)	Weight (g)
EPM	15 (30 with jumper + "10" cut)	without jumper 24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac with 12 Vac/Vdc jumper limits: 10-18 Vdc, 9-15 Vac	25 RX, 30 TX	-	44	-20 - +50	max 500 mA and 48 V	50x29x80 h	140
EPMO				30° approx. on the all axes				50x38x80 h	160
EPMA				-				50x31x80 h	480
EPMAO				30° approx. on the all axes				50x38x80 h	530

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Electric power supply output	Photocell adjustability	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
EPMB	up to 15 for offset maximum TX-RX ± 5 (the device can signal an obstacle also in adverse weather conditions)	the device may be connected only to networks "BlueBUS" from which receives the electrical and transmits the signals output power supply	-	44	-20 - +50	50x29x80 h	140
EPMOB			30° approx. on the all axes			50x38x80 h	160
EPMAB			-			50x31x80 h	480
EPMAOB			30° approx. on the all axes			50x38x80 h	530

	Power supply	Absorption with power pack 24 Vdc	Absorption with power pack 24 Vac	Output BlueBUs	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
IB	16÷35 Vdc 18÷28 Vac	50 mA (add approx. 50 mA for each photocell pair)	44 mA (add approx. 40 mA for each photocell pair)	with a load of max 9 BlueBUS units	30	-20 - +50	86x58x22 h	72

IB

ERA PHOTOCELL L

BLUEBUS

Synchronized photocells Large, fixed or positionable, also with Nice BlueBUS technology, both surface mounted and recessed.

Easy and versatile:
recessed versions EPLI0 compatible with the most popular standards on the market to replace the old photocells or cover annoying existing setups without the need of extra adaptors.

Safe:
D type device according to specification EN12453 which allows to pick-up obstacles on the optical axis between transmitter (TX) and receiver (RX).

Using the fototest function it is possible to achieve class 2 safety fault according to specification EN 954-1.

The models EPL, EPL0, EPLI0 provide for 2 range levels.

Cutting-edge technologies:
antiglare circuit which eliminates possible sunlight interference.

The positionable versions allow for the compensation of centering gaps up to 30°.

Discreet:
polycarbonate body, extremely strong with minimal projection of 9 millimetres from the wall for the recessed mounting version.

Pratical:
adapter bowl EKA03 to simplify useful preparations for recessed mounting.

Nice BlueBUS technology:
all versions with the BlueBUS system allow an easy connection to the control unit of all devices with only two wires, by simply connecting them in parallel and selecting the jumpers for addressing according to the needed function.

The system automatically acquires the devices connected to the BlueBus network and allows automatic synchronization with multiple photocells in order to avoid other possible interferences.

IB interface:
allows the connection of photocells with Nice BlueBUS technology to control units having terminals for traditional contacts.

EPL
EPLB

EPL0
EPL0B

EPLI0
EPLI0B

PHOTOCELLS

CODE	DESCRIPTION	PCS./PACK.
EPL	PAIR OF SURFACE-MOUNTED PHOTOCELLS LARGE	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPLB	PAIR OF SURFACE-MOUNTED PHOTOCELLS LARGE, FOR CONNECTIONS VIA NICE BLUEBUS	1

POSITIONABLE PHOTOCELLS

CODE	DESCRIPTION	PCS./PACK.
EPLO	PAIR OF SURFACE-MOUNTED PHOTOCELLS LARGE, 30° POSITIONABLE	1

POSITIONABLE PHOTOCELLS, WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPLOB	PAIR OF SURFACE-MOUNTED PHOTOCELLS LARGE, 30° POSITIONABLE, FOR CONNECTIONS VIA NICE BLUEBUS	1

POSITIONABLE PHOTOCELLS, FOR RECESSED MOUNTING

CODE	DESCRIPTION	PCS./PACK.
EPLIO	PAIR OF PHOTOCELLS LARGE FOR RECESSED MOUNTING, 30° POSITIONABLE	1

SWIVEL PHOTOCELLS, FOR RECESSED MOUNTING WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EPLIOB	PAIR OF PHOTOCELLS LARGE FOR RECESSED MOUNTING, 30° POSITIONABLE, FOR CONNECTION VIA NICE BLUEBUS	1

ACCESSORIES

CODE	DESCRIPTION	PCS./PACK.
IB	INTERFACE FOR PHOTOCELL BLUEBUS CONNECTION TO NON PREPARED STATIONS	1
EKA03	BOWL FOR RECESSED MOUNTING (DEPTH 66 mm) FOR INSTALLATION OF EKSI, EKSIEU. ALSO COMPATIBLE WITH EPLIO, EPLIOB, EDSI, EDSIB	50

TECHNICAL SPECIFICATION

	Estimated range (m)	Power supply	Photocell adjustability	Absorption (mA)	Protection class (IP)	Operating temperature (°C Min/Max)	Relay range	Dimensions (mm)	Weight (g)
EPL	15 (30 with jumper + "10" cut)	without jumper 24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac with 12 Vac/ Vdc jumper limits: 10-18 Vdc, 9-15 Vac	-	25 RX, 30 TX	44	-20 - +50	max 500 mA and 48 V	70x30x70 h	160
EPLO			30° approx. on the all axes					70x38x70 h	180
EPLIO								70x66+9x70 h	185

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Electric power supply output	Photocell adjustability	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
EPLB	up to 15 for offset maximum TX-RX ± 5 (the device can signal an obstacle also in adverse weather conditions)	the device may be connected only to "BlueBUS" networks from which it receives the electrical power and transmits the output signals	-	44	-20 - +50	70x30x70 h	140
EPLOB			30° approx. on the all axes			70x38x70 h	160
EPLIOB						70x66+9x70 h	185

	Power supply	Absorption with power pack 24 Vdc	Absorption with power pack 24 Vac	Output BlueBUs	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
IB	16÷35 Vdc 18÷28 Vac	50 mA (add approx. 50 mA for each photocell pair)	44 mA (add approx. 40 mA for each photocell pair)	with a load of max 9 BlueBUS units	30	-20 - +50	86x58x22 h	72

IB

ERA KEYPAD

12 key digital selector, also with Nice BlueBUS technology, available in the recessed mounting version.

Wafer-thin
extremely strong metal body, 27 millimetres depth and only 13 mm from the wall for the recessed mounting version.

Safe:
the combination is a 1 to 9 digit number, this allows the generation of 999,999,999 possible combinations!

Backlit keypad.

Easy programming:
- 2 programming modes: Easy or Professional;
- possibility to program the number of uses of a specific combination;
- 255 storable combinations expandable, on EDS and EDSI up to 510 combinations with a second additional memory BM1000.

With a O-Box interface you can manage easily any kind of programming of the BM1000 memory, in proximity of the system or also at a distance, directly from the office of the installer.

O-Box is interfaced with the PC, thus allowing an orderly storing of all installations.

Nice BlueBUS technology:
Available with BlueBus system which allows an easy connection to the control unit of all devices with only two wires, by simply connecting them in parallel and other exclusive functions:
- 2 keys for the activation of two different commands chosen among 6 available ones (for example, step operation, close, open), depending on the control unit to which they are connected to;
- up to 4 control devices EDSB/EDSIB and ETPB which can be connected also with a mixed configuration;
- possibility of insertion of a block/unblock function.

Two different visual signalling depending on the state of automation:
- red: when the automation is closed or is closing;
- green: during opening operation or in the case in which the "automation block" function is active.

EDS
EDSB

EDSI
EDSIB

DIGITAL SELECTORS

CODE	DESCRIPTION	PCS./PACK.
EDS	DIGITAL SELECTOR, 12 KEYS, TO BE COMBINED WITH THE MORX DECODER	1
EDSI	DIGITAL SELECTOR, 12 KEYS, FOR RECESSED MOUNTING, TO BE COMBINED WITH THE MORX DECODER	1
MORX	DECODER FOR 1 ETP OR UP TO 4 EDS/EDSI CONNECTED IN PARALLEL, WITH 1 BM1000 MEMORY FOR 255 COMBINATIONS	1

TECHNICAL SPECIFICATION

	Protection class (IP)	Dimensions (mm)	Weight (g)
EDS	44	70x27x70 h	200
EDSI	54	70x66+13x70 h	160

	Storage Capacity	Range relè	Power supply	Maximum absorption	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
MORX	2 BM1000 for max. 510 combinations or 510 MOCARD, MOCARDP and HSB1	max. 500 mA and 48 Vac/Vdc	10÷35 Vdc, 12÷28 Vac	24 Vdc=70 mA 24 Vac=200 mA 12 Vdc=150 mA 12 Vac=300 mA with 1 ETP or up to 4 EDS/EDSI	30	-20 - +70	98x42x25 h	65

MORX

DIGITAL SELECTORS WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
EDSB	12 KEY DIGITAL SELECTORS WITH NICE BLUEBUS TECHNOLOGY BURGLAR-RESISTANT METAL BODY	1
EDSIB	12 KEY DIGITAL SELECTORS WITH NICE BLUEBUS TECHNOLOGY, FOR RECESSED MOUNTING BURGLAR-RESISTANT METAL BODY	1

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Power supply	Absorption	Protection class (IP)	Dimensions (mm)	Weight (g)
EDSB	via BlueBUS	1.5 BlueBUS units	44	70x27x70 h	200
EDSIB			54	70x66+13x70 h	160

AUXILIARY EQUIPMENT FOR RECESSED MOUNTING VERSIONS

CODE	DESCRIPTION	PCS./PACK.
EKA03	BOWL FOR RECESSED MOUNTING (DEPTH 66 mm) FOR INSTALLATION OF EKSI, EKSIEU. ALSO COMPATIBLE WITH EPLIO, EPLIOB, EDSI, EDSIB	50
EKA02	FINISHING KIT FOR EDSI, EDSIB, EKSI, EKSIEU INSTALLATION	10

ERA KEYPAD WIRELESS

12 key digital selectors, with radio connection, 100% wireless.

Digital radio selector with FloR 52 bit coding ;
is compatible with FloR with rolling code and generates 4.5 trillions of combinations, self-learning.

Complete:
3 transmission channels to control 3 automated systems or 3 different customized commands for the single automated system.

Comfortable:
no cabling needed and an estimated range of 25 m in free space and 15 m inside buildings.

Backlit keypad.

Safe:
the combination is a 0 to 8 digit number, this allows the generation of 99,999,999 possible combinations!

Economic:
extremely reduced consumption, transmission is activated at the pressure of a key and turns off automatically. The ambient light sensor activates lighting of the keyboard only when this is necessary.

Thin:
extremely strong metal body, only 27 millimetre depth.

DIGITAL WIRELESS SELECTOR

CODE	DESCRIPTION	PCS./PACK.
EDSWG	RADIO DIGITAL SELECTOR COMPATIBLE WITH THE RECEIVERS OF THE FLOR SERIES	1

TECHNICAL SPECIFICATION

	Power supply	Battery lifetime	Frequency	Radiated power	Radio coding	Operating temperature (°C Min/Max)	No. of digits combination	Estimated range (m)	Degree of safety (IP)	Dimensions (mm)	Weight (g)
EDSWG	6 Vdc with 2 lithium batteries type CR2430	estimated 2 years with 10 transmissions per day	433.92 MHz ± 100 KH	estimated about 3 mW e.r.p.	rolling code 52 bit FloR	-20° - +55°	from 0 to 8	25 in open space, 15 indoors	54	70x27x70 h	215

ERA KEY SWITCH

Key selectors for outdoor and recessed installation with automatic return lock, European or standard cylinder.

Selectors in burglar-resistant version with metal shell.

Wafer thin:
only 13 millimetres depth from the wall in the recessed versions (32 and 45 millimetres in the outdoor versions).

Electrical contacts and levers protected by plastic container.

Employable as direct motor command in applications with mains power source (230 Vac).

Flexible solution:
recessed versions with bowl supplied, for new installations or existing setups with adaptor EKA02.

KEY SELECTORS

CODE	DESCRIPTION	PCS./PACK.
EKSEU	KEY SELECTOR ERA SERIES, EUROPEAN CYLINDER, FOR OUTDOOR INSTALLATION	1
EKSIEU	KEY SELECTOR ERA SERIES, EUROPEAN CYLINDER, FOR RECESSED MOUNTING	1
EKS	KEY SELECTOR ERA SERIES, FOR OUTDOOR INSTALLATION	1
EKSI	KEY SELECTOR ERA SERIES, FOR RECESSED MOUNTING	1

ACCESSORIES

CODE	DESCRIPTION	PCS./PACK.
CHS	NEUTRAL KEY FOR EKS, EKSI	1
CHEU	NEUTRAL KEY FOR EKSEU, EKSIEU	1
EKA03	BOWL FOR RECESSED MOUNTING (DEPTH 66 mm) FOR INSTALLATION OF EKSI, EKSIEU. ALSO COMPATIBLE WITH EPLI0, EPLI0B, EDSI, EDSIB	50
EKA02	FINISHING KIT FOR EDSI, EDSIB, EKSI, EKSIEU INSTALLATION	10

TECHNICAL SPECIFICATION

	Contact range	Protection class (IP)	Dimensions (mm)	Weight (g)
EKSEU	10 (2) A - 250 Vac	44	70x43x70 h	490
EKSIEU			70x66+13x70 h	530
EKS			70x32x70 h	360
EKSI			70x66+13x70 h	450

EKSEU

EKSIEU

EKS

EKSI

ERA TRANSPONDER READER

Transponder proximity reader for cards and badges, bimodal transmitters Flor-m, also with Nice BlueBUS technology.

Easy programming:
- 2 programming modes: Easy or Professional;
- allows you to determine which cards/badges are enabled on the system;
- possibility of programming the number of uses available to a specific card or badge;
- 255 storable cards/badges expandable, on ETP, up to 510 cards/badges with a second additional memory BM1000.
- 2 modes (static and dynamic) to activate two different commands (ETP version).

With a O-Box interface you can manage easily any kind of programming of the BM1000 memory, in proximity of the system or also at a distance, directly from the office of the installer.
O-Box is interfaced with the PC, thus allowing an orderly storing of all installations.

Nice BlueBUS technology:
available with BlueBus system which allows an easy connection to the control unit of all devices with only two wires, by simply connecting them in parallel and other exclusive functions:
- 2 modes (static and dynamic) for the activation of two different commands chosen among 6 available ones (for example, step operation, close, open), depending on the control unit to which they are connected to;
- possibility of inserting an automation block/unblock function;
- up to 4 control devices EDSB/EDSIB and ETPB which can be connected via BlueBUS, also with a mixed configuration;

Transponder badge HSB1
Practical in use, can be added to the key chain so as to be always available.

PROXIMITY READER

CODE	DESCRIPTION	PCS./PACK.
ETP	PROXIMITY READER FOR TRANSPONDER CARDS MOCARD AND MOCARDP TO BE COMBINED WITH THE MORX DECODER	1
MORX	DECODER FOR 1 ETP OR UP TO 4 EDS/EDSI CONNECTED IN PARALLEL, WITH 1 BM1000 MEMORY FOR 255 COMBINATIONS	1
BM1000	ADDITIONAL MEMORY FOR ADDITIONAL 255 COMBINATIONS	5

PROXIMITY READER WITH NICE BLUEBUS TECHNOLOGY

CODE	DESCRIPTION	PCS./PACK.
ETPB	PROXIMITY READER FOR TRANSPONDER CARDS WITH NICE BLUEBUS TECHNOLOGY	1

ACCESSORIES

CODE	DESCRIPTION	PCS./PACK.
MOCARD	TRANSPONDER CARD PROGRAMMABLE VIA OBOX	10
MOCARDP	TRANSPONDER CARD PROGRAMMABLE VIA OBOX, WITH SEQUENTIAL CODING FOR MULTIPLE ENTRY	10
HSB1	TRANSPONDER BADGE NEWLY PROGRAMMABLE VIA OBOX, WITH SEQUENTIAL CODING FOR MULTIPLE ENTRY	10

TECHNICAL SPECIFICATION

	Description	Acquisition distance (cm)	Protection class (IP)	Dimensions (mm)	Weight (g)
ETP	MOCARD, MOCARDP and HSB1 reader	3 - 6	54	70x26x70 h	265

	Storage capacity	Range relè	Power supply	Maximum absorption	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
MORX	2 BM1000 for max. 510 MOCARD and MOCARDP or combination	max. 500 mA and 48 Vac/Vdc	10÷35 Vdc 12÷28 Vac	24 Vdc=70 mA 24 Vac=200 mA 12 Vdc=150 mA 12 Vac=300 mA (with 1 MOM or 4 MOT)	30	-20 - +55	98x42x25 h	65

MORX

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Power supply	Absorption	Acquisition distance (cm)	Protection class (IP)	Dimensions (mm)	Weight (g)
ETPB	via BlueBUS	2 BlueBUS units	up to 4	54	70x26x70 h	270

ERA POST

Outdoor aluminium posts for photocells, selectors and proximity readers, with height 500 mm and 1000 mm.

Modern design
New post line for the installation of medium and large sized photocells.

Easy installation
Simplified installation for the setting in absolute freedom of one's own safety area .

CODE	DESCRIPTION	PCS./PACK.
PPH1	ALUMINIUM POST WITH PROTECTED HOUSING FOR 1 PHOTOCELL MEDIUM AND LARGE, 500 mm h	2
PPH2	ALUMINIUM POST WITH PROTECTED HOUSING FOR 2 PHOTOCELLS MEDIUM AND LARGE, 1000 mm h	2
PPH3	ALUMINIUM POST WITH PROTECTED HOUSING FOR 1 PHOTOCELL MEDIUM SIZE, 500 mm h	2
PPH4	ALUMINIUM POST WITH PROTECTED HOUSING FOR 2 PHOTOCELLS MEDIUM SIZE, 1000 mm h	2
PPK	ALUMINIUM POST WITH HOUSING FOR 1 SELECTOR 1100 mm h	2
EKA01	PLUG FOR MOUNTING OF EKS, EKSEU, EDS, EDSB, EDSWG, ETP, ETPB, ON PPH2 POST	1

	EPM/EPMB	EPMO/EPMOB	EPL/EPLB	EPLO/EPLOB	PHW**	EDS/EDSB	EDW	ETP/ETPB	EKS	EKSEU
PPH1	●	●	●	●	●					
PPH2	●	●	●	●		●*	●*	●*	●*	●*
PPH3	●	●								
PPH4	●	●								
PPK						●	●	●	●	●

*The installation requires the EKA01 plug adaptor.
**The installation of the solar photocell requires the PHWA1 plug adaptor.

PPH3

PPH1

PPH4

PPH2

PPK

ERA LIGHT

Flashing signalling light.

Available with different power supplies:
230 Vac, 24 Vdc and 12 Vdc.

Practical: body extremely resistant to shocks, suitable for fixing in any position.

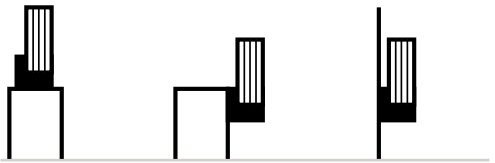
433.92 MHz antenna integrated in all versions.

Protection class IP44.

CODE	DESCRIPTION	PCS./PACK.
EL	NEUTRAL, 230 Vac, FOR PRESET CONTROL UNITS	1
EL24	NEUTRAL, 24 Vac/Vdc, FOR PRESET CONTROL UNITS	1
ELB	NEUTRAL, 12 Vac/Vdc, FOR PRESET CONTROL UNITS	1

VERSATILE, SUITABLE FOR ANY ARCHITECTURAL CONTEXT

RECOMMENDED INSTALLATION MODE



COMPATIBILITY TABLE CONTROL UNIT / LIGHTS

	A02	A500	A60	A700F	A924	MC824H	MC424L	WALKY	HYKE	ROAD	ROBUS	RUN	NAKED SLIDING 400	TUB	SPIN / SPINBUS	TEN	SOON	S/M/L BAR	WIDE
EL	●	●	●	●										●					
EL24					●		●												●
ELB						●		●	●	●	●	●	●		●	●	●	●	

WALLYGHT

Multi-function LED indicator.

The only version with 12/24 Vac/Vdc
power supply and flashing light function, courtesy light function or dusk sensor function.

A new idea for improved safety:
when connected to compatible control units, Wallyght can act as a normal flashing light, or provide ambient lighting like a fixed courtesy light. When connected to a 12/24 Vac/Vdc output, Wallyght can remain permanently lit, and also be activated at dusk to then turn off at dawn thanks to the integrated dusk sensor.

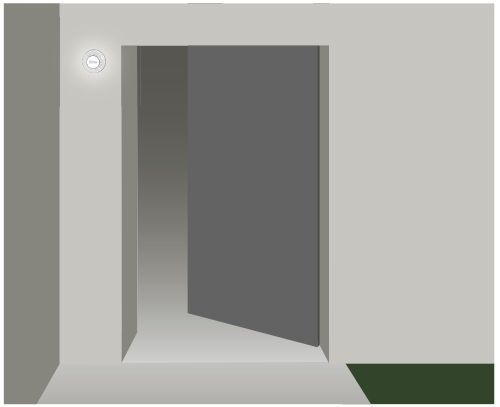
Optimal efficiency, extra long life:
the two 1 W-Leds guarantee a lifetime of 70.000 hours (continuous use).

Horizontal, wall or ceiling mounting: combined with the possibility of orienting the light beam and compact dimensions of the IP44 box, use of Wallyght is even more flexible.

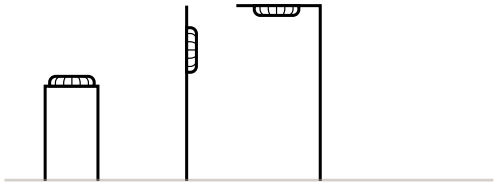
CODE	DESCRIPTION	PC/PACK
WLT	MULTI-FUNCTION LED INDICATOR	1

PATH INDICATORS ON ENTRANCE PATHWAYS

COURTESY LIGHT



RECOMMENDED INSTALLATION MODE



COMPATIBILITY TABLE CONTROL UNIT / LIGHTS

	A924	MC824H	MC424L	WALKY	POP	HYKE	ROAD	ROBUS	RUN	NAKED SLIDING 400	SPIN / SPINBUS	SPIDER / SPIDO	TEN	SOON	WIDE
WLT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

NICE SOLEMYO AIR NET SYSTEM

Automation safety devices becomes wireless control systems!

Photocells, sensitive edge and flashing lightings all acquire a new function: power is supplied by means of an integral miniature solar panel. The solar panel powers rechargeable batteries to ensure independent operation of the automation system in any conditions.

Era Light Solemyo
Flashing light

Solemyo Kit
Solar power kit

Era TCW Solemyo
Sensitive edge transmitter

Era Photocell Solemyo
Photocell

Era Post Solemyo
Solemyo
Era Photocell Post

SOLEMYO

SOLEMYO | 24V

Solemyo is the solar power system to automate gates, garage doors and road barriers, even those located far from the electrical mains.

Solemyo is available both in kit version and single products.

Installable anywhere without the need for connections or excavations, even in the most remote locations or those difficult to access with the power mains.

Increased savings and respect for the environment thanks to solar energy, free and clean: an ecological and intelligent choice with short term benefits.

Low consumption with no risk of blackouts: the extended duration of the energy reserve, combined with the low consumption of the automations, guarantee operation also in prolonged overcast conditions.

Less consumption, more autonomous operation!
Perfect operation ensured even at night time or in prolonged overcast conditions, guaranteeing comfort and safety.

Ease of use
The SYA1 auxiliary power supply unit enables rapid battery charging via a 230 Vac power mains, as an alternative to the photovoltaic module. Battery charge status LED indicators.

Installation advice
If two or more parallel-connected solar panels have to be installed, purchase individually the items that make up the Solemyo system to increase the system's charging capacity or use just one SYA1 transformer to charge several PSY24 battery boxes.

THE KIT CONTAINS:

SYP: PHOTOVOLTAIC PANEL FOR 24 V SUPPLY.
PSY24: 24 V BATTERY BOX WITH CONTROL CIRCUIT AND CARRY HANDLES. IT STORES THE ELECTRICAL ENERGY PRODUCED BY THE SYP PANEL, WITH CONTINUOUS AND PERMANENT SUPPLY THROUGHOUT THE DAY.
CABLES AND CONNECTORS NECESSARY FOR THE CONNECTION.

PSY24

SYP

CODE	DESCRIPTION	PACK/PALLET
SYKCE	SOLAR POWER KIT COMPRISING SYP PHOTOVOLTAIC PANEL AND PSY24 BATTERY BOX WITH CHARGING CONTROL CIRCUIT	21
SYP	PHOTOVOLTAIC PANEL FOR 24 V SUPPLY WITH MAXIMUM POWER 15 W	
SYP30	PHOTOVOLTAIC PANEL FOR 24 V SUPPLY WITH MAXIMUM POWER 30 W	
PSY24	24 V BATTERY BOX WITH CONTROL CIRCUIT AND CARRY HANDLES	

N.B. The content of the package may vary: consult the retailer.

TECHNICAL SPECIFICATIONS

CODE	PSY24	SYP30	SYP	SYA1
POWER SUPPLY (Vac 50/60 Hz)		-		110 ÷ 240
RATED VOLTAGE (V)		24		-
MAXIMUM CURRENT (A)	10		-	
PEAK POWER (Wp)	-	30	15	-
MAXIMUM POWER (W)		-		60
RATED BATTERY CAPACITY (Ah)	20		-	
PROTECTION LEVEL (IP)	44		-	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50*	-40 ÷ +85		0 ÷ +40
COMPLETE RECHARGING TIME (HOURS)	~ 15**		-	
DIMENSIONS (mm)	235x170x258 h	450x25x550 h	390x28x415 h	132x58x30 h
WEIGHT (kg)	14	3.5	1.9	0.345

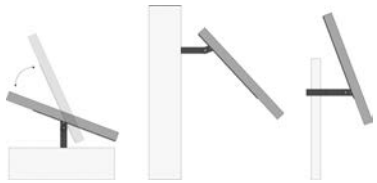
* 0 ÷ 40 if recharged from the power mains with SYA1 power supply unit.
** Using the power supply unit via the mains.

ACCESSORIES

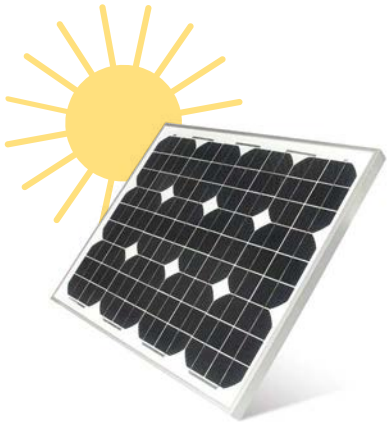
SYA1
POWER SUPPLY UNIT FOR CHARGING THE BATTERY PSY24 FROM THE SUPPLY MAINS.

PC/PACK 1

INSTALLATION DIAGRAM



FLEXIBLE: SOLEMYO ADAPTS PERFECTLY TO ALL TYPES OF INSTALLATION.



The SYP30 photovoltaic panel, sold individually, is ideal in all the situations with low exposure to the sun or automations with high intensity of use.

NICE SOLEMYO AIR NET SYSTEM

So many benefits!

Quick installation: no need to lay wiring to connect the accessories to the control unit, drilling holes or laying raceways: just position them as appropriate and let the control unit identify them.
Devices interface with the control unit by means of a special, very compact interface module that can be fitted directly inside the motor, or the control unit, if separate.

Better appearance, flexible positioning of devices over time: it is very easy to add (or remove) devices, with no need to search for a mains connection point or a contact for series connection.

Extremely reliable transmission:
the radio system allows two-way communication - each device does not just respond to the control unit's instructions but sends a feedback signal, confirming that it is present and operational, and it also signals the occurrence of events such as the passage of an object between the two photocells.

Operating Frequency: 868 MHz, less liable to interference.

Two separate channels are used, for a 100% guarantee of the system's operation and safety even in case of sudden interference.

Intelligent system: it detects whether any interference is from another Nice wireless automation unit.
In this case, the "new" automation system just installed selects two communication channels different from those used by the existing system, keeping the two systems' channels separate.

Each device has LEDs in the bottom indicating the signal quality and troublefree operation of the system, which can be checked immediately in the event of malfunction or at first start-up.

A LED flashes when the device is receiving enough solar power to allow recharging.

Solemyo Era Photocell

Pair of PHW two-way wireless photocells, with photovoltaic cell power supply.

Easy installation: the receiver photocell has a special LED that indicates the degree of alignment with the transmitter photocell, very useful during initial installation.

Solemyo Era Light

Wireless LLW flashing light, with extremely high-efficiency LEDs lower consumption and virtually unlimited lifetime (no more blown lamps needing frequent changing).

Light output adapts to ambient conditions to ensure good visibility even in direct sunlight and to save energy during the hours of darkness.

Can be used as flashing signal or courtesy light.

COMPATIBILITY/INTERFACE TABLE

	PHW	LLW	TCW1	TCW2
Control units with BLUEBUS system (*)	With IBW	With IBW	With IBW (**)	With IBW (**)
Control units without BLUEBUS system	Not possible	Not possible	With IRW	With IRW

(*) There may be any limitations on the number of devices managed.
(**) Not managed in automation for swing gates (MC824H; Walky; Hopp, Hyke) and in some automations for garage doors (SN6020*; SN6021*; SPIN2*; SPIN20*; SPIN21*; SPOK).

CODE	DESCRIPTION	PC/PACK
PHW	PAIR OF WIRELESS PHOTOCELLS WITH BUILT-IN PHOTOVOLTAIC PANEL	1
PPH1	PHW PHOTOCELL POST, h. 50 cm	2
PHWA1	PAIR OF ADAPTERS FOR PHW ON PPH1 POSTS	1
LLW	WIRELESS FLASHING LIGHT WITH BUILT-IN PHOTOVOLTAIC PANEL	1
IBW	INTERFACE BETWEEN PHW/LLW AND CONTROL UNITS WITH BLUEBUS SYSTEM	1

LLW

PHW

PHWA1

PPH1

ERA TCW

NICE&SAFE

Even safer automation thanks to the Nice Solemyo Air Net System's new sensitive edge sensors.
No connection, totally wireless, powered by the sun.

Energy saving
thanks to the solar power cell built into the TCW2, with rechargeable batteries.

Version with battery-only operation is also available in case of installations with low exposure to sunlight.

Unbeatable safety thanks to the "wireless" system for detection and communication between sensitive edge, interface and control unit, allowing swift action when an obstacle is detected.

Quick and easy to install:
maximum flexibility in installing the devices.
Possibility of connection to 8.2 KOhm resistive sensitive edges.

State-of-the-art technology: IBW interfaces,
for Nice BlueBus-compatible control units, and **IRW,** interfaces, for control units without BlueBus connection, allow radio communication with **TCW** sensors.

Suitable for any architectural context
Compact size: 99x49x33.

TCW2

TCW1

CODE	DESCRIPTION	PC/PACK
TCW1	BATTERY -POWERED WIRELESS TRANSMITTER FOR SENSITIVE EDGES. SUITABLE FOR INTERNAL USE OR SPARSELY SUNNY AREAS	1
TCW2	PHOTOVOLTAIC PANEL AND RECHARGEABLE BATTERY-POWERED WIRELESS TRANSMITTER FOR SENSITIVE EDGES. SUITABLE FOR EXTERNAL USE OR SUNNY AREAS	1
IBW	BLUEBUS WIRELESS INTERFACE FOR SENSITIVE EDGES WITH WIRELESS TRANSMITTER FOR BLUEBUS SYSTEM CONTROL UNITS	1
IRW	RELAY WIRELESS INTERFACE FOR SENSITIVE EDGES WITH WIRELESS TRANSMITTER FOR CONTROL UNITS WITH CLASSICAL CONNECTIONS (STOP AND PHOTO)	1

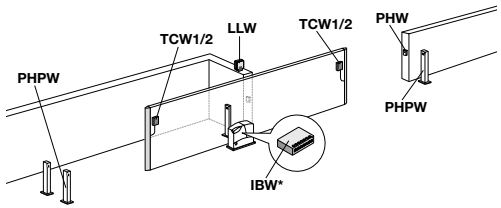
TECHNICAL SPECIFICATIONS

CODE	TCW2	TCW1
TECHNOLOGY USED	RADIO DATA RECEPTION AND TRANSMISSION, WITH CHOICE OF 2 FREQUENCIES IN THE 868 MHz BAND	
POWER SUPPLY	PHOTOVOLTAIC CELL WITH ELECTRICITY STORED IN A RECHARGEABLE AAA NIMH BATTERY	2 ALKALINE BATTERIES
BATTERY LIFE	ESTIMATED 4-5 YEARS *	ESTIMATED 2-3 YEARS, WITH 1200 MAH ALKALINE BATTERIES
MAXIMUM NUMBER OF OPERATIONS PER DAY	15 OPERATIONS LASTING NO MORE THAN 1 MINUTE (1 CYCLE = OPENING + CLOSING)	
SENSITIVE EDGE (RS) INPUT RANGE	TYPICALLY 8,2 KOhm	
RADIO OPERATING RANGE (MAX)	20M (40M)	
FAILSAFE CATEGORY	2 (UNDER EN 945-1 STANDARD) DEPENDING ON "FOTOTEST" INPUT AND OUTPUT CONNECTION TYPE	
HOUSING PROTECTION RATING	IP44	
OPERATING TEMPERATURE	-20 ÷ +55°C	
DIMENSIONS (mm)	99x49x33	
WEIGHT (g)	130	145

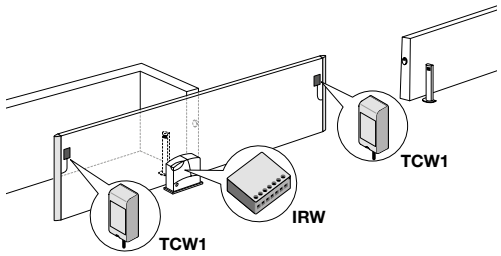
* The stated estimates refer to edges functioning for about 15 operations per day, with complete cycle time of 60 seconds (900 seconds per day).

INSTALLATION DIAGRAM

*IBW or IRW depending on the motor (only IBW accepts also PHW and LLW)



TCW + IBW
The IBW is connected to the control unit's BlueBUS terminal and communicates with the TCW by radio. Compatible also with PHW wireless photocell and LLW wireless flashing light.



TCW + IRW
IRW is connected to safety input (Stop and Photo) of control unit and communicates via radio with TCW.

NICE&SAFE

8.2 KOhm resistive sensitive edges, maximum safety and control of the automation.

Safer: if there are any faults in the system like, for example, the product itself has broken down, the edges will communicate this to the control unit. The TCE interface board enables users to connect sensitive edges (with 8.2 KOhm resistance) to those control units which are not equipped with a special input.

The length can be personalised:
the components supplied in the kits enable installers to build sensitive edges of the correct dimension.

Practical: they adapt to any kind of situation and can be installed quickly.

Reliable: the new Class3 technology means that the control unit, the sensitive edges are connected to, can understand if the device is functioning correctly, or if it is out of use.

8.2 KOhm analogical-type input.

Resistive sensitive edges and accessories

CODE	DESCRIPTION	PACK
TCB65	SENSITIVE EDGE IN 10 m ROLLS	1
TCK	KIT PUTTING TOGETHER 8 SENSITIVE EDGES COMPLETE WITH:	
	- TERMINAL CAPS (TCT65)	16
	- CONNECTORS, COMPLETE WITH CABLE L=250 CM (TCS250)	8
	- CONNECTORS 8.2 KOHM (TCER)	8
	- TIN OF GLUE (TCC)	1
	- TIN OF PRIMER (TCP)	1
TCF	SCISSORS FOR CUTTING SAFETY SENSITIVE EDGES	1
TCA65	ALUMINIUM PROFILE L=200 CM	5
TCE	CONTROL INTERFACE FOR SENSITIVE EDGE	1

Electrical connection devices for safety sensitive edges on moveable leafs

CODE	DESCRIPTION	PACK
DBM5	COMPLETE KIT FOR GATES UP TO 5 m	1
DBM7,5	COMPLETE KIT FOR GATES UP TO 7.5 m	1
DBM10	COMPLETE KIT FOR GATES UP TO 10 m	1

Instruments and software for force impact measurement

CODE	DESCRIPTION
NSFB	BLUEFORCE SMART INSTRUMENT FOR MEASURING THE IMPACT FORCE COMPLIANT WITH EN12445, WITH BLUETOOTH/USB INTERFACE AND SOFTWARE INCLUDED, COMPLETE WITH CARRY CASE
NSFS	BLUEFORCE SMART INSTRUMENT FOR MEASURING THE IMPACT FORCE COMPLIANT WITH EN12445, WITH USB INTERFACE AND SOFTWARE INCLUDED COMPLETE WITH CARRY CASE
NSEL	STRAIGHT EXTENSION FOR MEASUREMENTS FROM 30 TO 50 CM, APPLICABLE ON NSFB AND NSFS
NSEA	ANGULAR EXTENSION FOR MEASUREMENTS FROM 1.25 TO 2.50 m, APPLICABLE ON NSEL

TCB65

TCK

TCF

TCA65

TCE

DBM5, DBM7,5, DBM10

NSFB, NSFS

Mechanical sensitive edges, more safety and easy installation.

CMA is the pre-assembled, high mechanical edge consisting in aluminium profiles of 1.5 - 1.7 - 2 - 2.5 m in length; ideal for assembly on sliding or swing gates.

CMBK is the kit for installing a low mechanical edge: for edges max. 4 m (CMBK4) and for edges max. 6 m (CMBK6), ideal for garage doors in general, up-and-over and sectional doors.

CB is a protective rubber pad. Fitted to the CMBK4/CMBK6 kit, it forms the low mechanical edge.

Mechanical sensitive edges

CODE	DESCRIPTION	PACK
	HIGH MECHANICAL EDGE WITH ALUMINIUM PROFILES IN SECTIONS MEASURING 1.5 - 1.7 - 2 - 2.5 m IN mm 36x75 h:	
CMA 1,5MT	LENGTH 1.5 m	1
CMA 1,7MT	LENGTH 1.7 m	1
CMA 2MT	LENGTH 2 m	1
CMA 2,5MT	LENGTH 2.5 m	1
CB	PROTECTIVE RUBBER PAD FOR LOW ROLLED MECHANICAL EDGE AND ALUMINIUM PROFILES IN SECTIONS MEASURING 2 m; DIMENSIONS IN mm 23x44 h	40
CMBK4	KIT FOR INSTALLING A LOW MECHANICAL EDGE, WITH ALUMINIUM PROFILES MEASURING 4 m (TO USE TOGETHER WITH CB)	1
CMBK6	KIT FOR INSTALLING A LOW MECHANICAL EDGE, WITH ALUMINIUM PROFILES MEASURING 6 m (TO USE TOGETHER WITH CB)	1

Passive sensitive edges

CODE	DESCRIPTION	PACK
TCBS60	PASSIVE SENSITIVE EDGE IN 10 m ROLLS	1

CMA

CB

TCBS60

Inductive magnetic detector loop.

Magnetic sensor for the detection of metal objects.

Simple and safe: operation and parameters are easily controlled, checked and programmable via the LCD display.

Quick and versatile: unlimited functions and simple, intuitive programming.

Integrated measurement system
Automatic indication of loop inductance.

CODE	DESCRIPTION	PACK
LP21	SINGLE-CHANNEL METAL MASS DETECTOR 24 V POWER SUPPLY	1
LP22	TWO-CHANNEL METAL MASS DETECTOR 24 V POWER SUPPLY	1

LP21

LP22

FT210

NICE&SAFE

BLUEBUS

Optical device, with wireless transmitter to secure on moveable leaf, horizontally adjustable through 210° and 30° vertically, for an automation according to Standards.

Consideration towards personal safety and product quality.
The safety level of the main edge, required by the EN12453 standard, can be achieved for any "type of use" and any "type of activation" by integrating a FT210/FT210B device to an 8.2 KOhm TCB65 type resistive sensitive edge.
The FT210/FT210B device, integrated with a "resistive" sensitive edge (8.2 KOhm), is safe against individual faults (category 3 according to the EN 954-1 standard) or can be used with automated systems with self-diagnosis at the start of every manoeuvre (category 2 according to the EN 954-1 standard).

Additional models
Versions with relay output (FT210), with Nice BlueBUS technology (FT210B), available with 2 Ah (FTA2) and 7Ah (FTA1) battery Kit, for intensive use.

Cutting-edge technology
The anti-collision circuit avoids interference with other out-of-sink receivers.
The FT210/FT210B optical devices are equipped with a special sensor capable of recognizing when the gate is motionless, which remains in a low consumption mode and activates only when the gate is in motion. Range adjustable on 2 levels; alignment with proportional LED for easy and safe installation.

Suitable for any architectural environment and easy to install
Reduced dimensions: 46x128x45; electrical connections can also be made from the lower section of the box.

Resilient and safe
Polycarbonate casing; FA1 vandal-proof metal shell (optional); low transmitter battery indicator.

PPH2 PPH1 FA1

CODE	DESCRIPTION	PC/PACK
FT210	PAIR OF OPTICAL DEVICES FOR SENSITIVE EDGES FASTENED ON MOVING DOOR, CAN BE SWIVELLED THROUGH 210° WITH RELAY OUTPUT. BATTERY KIT (FTA1/FTA2) COMPULSORY	1
FT210B	PAIR OF OPTICAL DEVICES FOR SENSITIVE EDGES FASTENED ON MOVING DOOR, CAN BE SWIVELLED THROUGH 210° WITH BLUEBUS TECHNOLOGY. BATTERY KIT (FTA1/FTA2) COMPULSORY	1

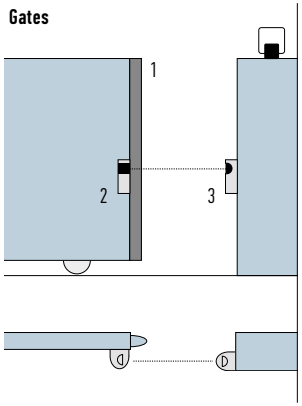
TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Absorption	Protection rating (IP)	Working temp. (°C Min/Max)	Range relè	Dimensions (mm)	Weight (g)
FT210	10 (residential), 15 (industrial)	RX: 12-24 Vac/Vdc limits: 18-35 Vdc, 10-28 Vac TX: 3.6 V lithium battery	RX: 120 mA - 12 V, 70 mA - 24 V TX : 20 uA gate not moving, 450 uA gate operating	44	-20 ÷ +55	max 500 mA and 48 V	46x45x128 h	300
FT210B		RX: the device can only be connected to "BlueBUS" networks	1 BlueBUS unit TX : 20 uA gate not moving, 450 uA gate operating			-		280

ACCESSORIES

CODE	DESCRIPTION	PC/PACK
FA1	VANDAL-PROOF METAL SHELL	2
FA2	BRACKET FOR FIXING TO PPH2 AND PPH1 COLUMNS	5
FTA1	7 Ah BATTERY KIT FOR FT210/FT210B TRANSMITTERS, FOR INTENSIVE USE	1
FTA2	2 Ah BATTERY KIT FOR FT210/FT210B TRANSMITTERS	1
PPH2	ALUMINIUM POST FOR 2 PHOTOCELLS, 1000 mm HIGH	2
PPH1	ALUMINIUM POST FOR 1 PHOTOCELL, 500 mm HIGH	2

Gates



1. TCB65, RESISTIVE SENSITIVE EDGES
2. TX FT210 POWER SUPPLY WITH BATTERY
3. RX FT210.

F210

BLUEBUS

Synchronised photocells horizontally adjustable through 210° and 30° vertically. Simply perfect installations.

The 210° solution
The beam of the Nice F210 and F210B photocells has a horizontal scope of 210°, thereby increasing the safety level of the system and simplifying installation: the gate or garage door to be automated quite often slide flush with the wall making it very difficult to position the photocell.

Numerous models and countless advantages
The new photocells are available with relay output (F210) or with the Nice BlueBUS technology (F210B).
With the BlueBUS technology, all devices can be easily connected to the control unit with just two wires.
Sensors with the BlueBUS technology can be connected to incompatible control units by means of an IB interface.
The devices that are connected to the BlueBUS network are automatically acquired by the system.

Suitable for any architectural environment and easy to install
Reduced dimensions: 46x128x45 mm; electrical connections can also be made from the lower section of the box.

Resilient and safe
Polycarbonate casing; FA1 vandal-proof metal shell (optional).

Cutting-edge technology
The problem of interference between the sensors and the automatic synchronisation between several pairs of photocells is solved by the anti-blinding circuit; high range adjustable on 2 levels; synchronising circuit; alignment with proportional LED for easy and safe installation.

F210, FA1

PPH2 **PPH1**

CODE	DESCRIPTION	PC/PACK
F210	PAIR OF SYNCHRONISED PHOTOCELLS ADJUSTABLE THROUGH 210°, WITH RELAY OUTPUT	1
F210B	PAIR OF SYNCHRONISED PHOTOCELLS ADJUSTABLE THROUGH 210°, WITH THE NICE BLUEBUS TECHNOLOGY	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Absorption	Protection rating (IP)	Working temp. (°C Min/Max)	Range relè	Dimensions (mm)	Weight (g)
F210	10 (30 with jumper cut)	without jumper 24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac with jumper 12 Vac/Vdc limits: 10-18 Vdc, 9-15 Vac	25 mA RX, 30 mA TX	44	-20 ÷ +55	max 500 mA and 48 V	46x45x128 h	230
F210B		the device can only be connected to "BlueBUS" networks	1 BlueBUS unit			-		

ACCESSORIES

CODE	DESCRIPTION	PC/PACK
IB	INTERFACE FOR CONNECTING BLUEBUS F210B PHOTOCELLS UP TO CONTROL UNITS WHICH HAVE NOT BEEN MANUFACTURED FOR THIS PURPOSE	1
FA1	VANDAL-PROOF METAL SHELL	2
FA2	BRACKET FOR FIXING TO PPH2 AND PPH1 COLUMNS	5
PPH2	ALUMINIUM POST FOR 2 PHOTOCELLS, 1000 mm HIGH	2
PPH1	ALUMINIUM POST FOR 1 PHOTOCELL, 500 mm HIGH	2

TECHNICAL SPECIFICATIONS

	Power supply	Current draw with 24 Vdc power supply	Current draw with 24 Vdc power supply	BlueBUS output	Protection rating (IP)	Working temp. (°C Min/Max)	Dimensions (mm)	Weight (g)
IB	16÷35 Vdc 18÷28 Vac	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 44 mA for each pair of photocells)	one with maximum load of 9 BlueBUS units	30	-20 ÷ +55	86x58x22 h	72

IB

FA1

KIO

KIO, key-operated selector switch for low voltage contacts, with release mechanism for metal cord, ideal for the automation of sectional doors, folding doors and rolling gates.

User-friendly:
Kio is both a key-operated selector switch and a release device. Its design makes it very convenient and effortless to use, and easy to install anywhere thanks to its very narrow outline.

Long-lasting: Kio is made of cast aluminium, epoxy powder coated for greater durability.

Easy: LED allows you to locate the selector switch even in total darkness.

More safety: coded key.
Release device activated directly by opening the door or by the winding device.
The very first product to incorporate the key-operated control and release motor functions.

KIO

KA1

CODE	DESCRIPTION	PC/PACK
KIO	KEY-OPERATED SELECTOR SWITCH FOR LOW VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CORD	1
KA1	6 m CABLE RELEASE KIT FOR KIO	1

KIOMINI

KIOMINI, aluminium key switch with control and release mechanism for metal cord.

Practical: KIOMINI is both a lever for the release mechanism for metal cord and a control mechanism for the direct or through a control unit activation of a single phase motor.

Resistant: a vandal-proof die-cast aluminium casing. The access to the sector is possible by a thick door with closing key.

Comfortable: thanks to its small dimensions, it is easy and compact to install.

KA1

CODE	DESCRIPTION	PC/PACK
KIOMINI	ALUMINIUM KEY SWITCH WITH CONTROL AND RELEASE MECHANISM	1
KA1	6 m CABLE RELEASE KIT FOR KIO	1

HEATING DEVICE

PW1, heating element: it maintains a suitable temperature for the automation system to operate correctly, **even under the most severe of weather conditions.**

This is a particular type of **resistance** that can reach temperatures close to 100°C under normal environmental conditions.

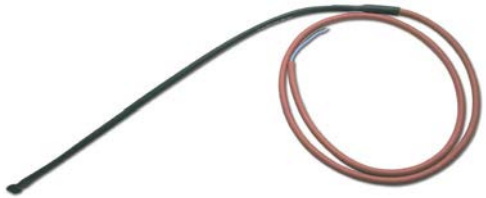
Effective: each element has a consumption of 20 W and is extremely efficient thanks to the silicone sheath that covers the resistance and increases the diffusion of heat.

Indipendent: the device is directly fed by a 230/120 Vac power supply through the TW1 thermostat, and because it doesn't burden the transformer of the product itself, the performance characteristics of the gear motor remain the same.

TW1, regulation thermostat for PW1:
when the detected temperature drops below the set threshold, the thermostat activates the heating element PW1 thereby slowly increasing the internal temperature of the product itself; the heating action is maintained until the detected surrounding temperature stabilizes at the set levels.

Easy to program: the intervention threshold can be regulated between 0°C and -20°C.

Safe: equipped with a button so that an operational test can be performed at any time. The status of the outputs is continuously verified by means of Leds.



PW1

TW1

CODE	DESCRIPTION	PC/PACK
PW1	HEATING ELEMENT FOR THE AUTOMATION SYSTEM	1
TW1	REGULATION THERMOSTAT	1

CONTROL UNITS

SELECTION GUIDE

Control unit for swing gates with one or two 24 Vdc motors
MOONCLEVER
pages 218/219

- with encoder → microprocessor logic with built-in BlueBUS technology, compatible for operation with Solemyo and Opera → **MC824H**
- without encoder → compatible for operation with Solemyo system → **MC424L**

Control unit
MINDY A
pages 220/221

- for rolling doors; for one 230 Vac motor with built-in receiver, Nice case
  - without automatic closing feature → **A01**
  - with automatic closing feature and flashing light output → **A02**
- three-phase 400 V or three-phase / single-phase 230 Vac motor, 1.5 Kw, IP55 case → **A500**
- for two motors, for swing gates, microprocessor logic, IP55 case
  - electric clutch, pull-out terminal boards → **A6F**
  - electronic clutch, deceleration → **A60**
  - electric clutch, pull-out terminal boards, facility to plug in the PIU card → **A700F**
- for one motor, with 24 Vdc encoder, built-in battery charger, IP55 case, (only for Sumo) → **A924**

MOONCLEVER

SOLEMYO | OPERA | BLUEBUS | 24V

Control unit for 24 Vdc gear motors with magnetic encoder, for swing gates.
Equipped with Nice **BlueBUS** technology and compatible with the **Solemyo** solar power system and **Opera** system for management, programming and diagnostics of automations, also remotely.

Compatible with the Opera system, which thanks to the O-View multi-function display enables personalisation of the system, modifying the opening and closing positions, leaf offset and deceleration intervals, and diversifying parameters such as force, speed, and obstacle detection for each motor.

Microprocessor logic: in addition to the classic functions such as intelligent clutch with anti-crushing safety device, gradual start-up and deceleration, automatic memorisation of both travel limit positions and the pedestrian door function, Moonclever also offers the advantages of the Opera system.

Safe and reliable thanks to obstacle detection with dual technology and monitoring of motor absorption and speed via the encoder, throughout door/gate travel, with provision for connection of latest generation resistive sensitive edges.

Intelligent: on start-up, indicator to confirm correct power supply and efficient operation of the control unit; automatic fault diagnostics and signalling via the flashing light and confirmation leds.

Savings, respect for the environment, and autonomy: when connected to the buffer battery or Solemyo kit, consumption on standby is reduced to just 0.1 W.

Installation couldn't be simpler, thanks to the system BlueBUS, enabling connection of the control unit, motors and accessories by means of just two wires.

No black out: operation in the event of a power failure by means of optional batteries (PS124) with compartment in control unit.

Radio receiver: provision for insertion of SM snap-fit receivers.

CODE	DESCRIPTION	PC/PACK
MC824H	CONTROL UNIT FOR ONE OR TWO MOTORS AT 24 Vdc WITH ENCODER, WITH BLUEBUS TECHNOLOGY, COMPATIBLE FOR OPERA AND SOLEMYO SYSTEMS	1

TECHNICAL SPECIFICATIONS

CODE	**MC824H**
POWER SUPPLY (Vac 50/60HZ)	230 ± 10%
BATTERY POWER (Vdc)	21 ÷ 28
MAXIMUM MOTOR POWER (VA; A)	360 (W); 15
MAXIMUM ACCESSORIES POWER 24 V (A)	0.2
MAXIMUM FLASHING LIGHT POWER (V;W)	12; 21
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	24; 2
MAXIMUM ELECTRIC LOCK POWER (Vac; VA)	12; 15
WORKING TIME "TL" (S)	-
PAUSE TIME "TP" (S)	1 ÷ 250
OPENING DELAY TIME TRA (S)	PROGRAMMABLE
CLOSING DELAY TIME TRC (S)	PROGRAMMABLE
COURTESY LIGHT TIME "TCOR" (S)	0:250
PRE-FLASHING TIME "TPRE" (S)	0:10
FORCE ADJUSTMENT (%)	-
ANTI-CRUSHING DEVICE (SENSITIVITY)	MIN ÷ MAX
CASE DIMENSIONS (mm)	230x125x300 h

MC824H

ACCESSORIES

MCA1
SPARE CONTROL UNIT FOR MC824H.

PC/PACK 1

PS324
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

MOONCLEVER

SOLEMYO | 24V

Control unit for 24 Vdc gear motors for swing gates, without encoder.

Compatible with the solar power kit **Solemyo.**

Safe and reliable thanks to obstacle detection throughout travel and provision for the connection of latest generation resistive sensitive edges.

Intelligent: automatic fault diagnostics and signals via flashing light and confirmation leds.

Savings, respect for the environment, ad autonomy: connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: operation in the event of a power failure by means of optional batteries (PS124) with compartment in control unit.

Radio receiver: provision for insertion of SM snap-fit receivers.

CODE	DESCRIPTION	PC/PACK
MC424L	CONTROL UNIT FOR ONE OR TWO MOTORS AT 24 Vdc WITHOUT ENCODER, COMPATIBLE FOR SOLEMYO SYSTEM	1

TECHNICAL SPECIFICATIONS

CODE	**MC424L**
POWER SUPPLY (Vac 50/60HZ)	230 ± 10%
BATTERY POWER (Vdc)	21 ÷ 28
MAXIMUM MOTOR POWER (VA; A)	75; 3
MAXIMUM ACCESSORIES POWER 24 V (A)	0.2 +0.1
MAXIMUM FLASHING LIGHT POWER (V;W)	24; 25
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	24; 2
MAXIMUM ELECTRIC LOCK POWER (Vac; VA)	12; 15
WORKING TIME "TL" (S)	-
PAUSE TIME "TP" (S)	5 ÷ 80
OPENING DELAY TIME TRA (S)	5 ÷ 40% TL
CLOSING DELAY TIME TRC (S)	-
COURTESY LIGHT TIME "TCOR" (S)	-
PRE-FLASHING TIME "TPRE" (S)	3
FORCE ADJUSTMENT (%)	-
ANTI-CRUSHING DEVICE (SENSITIVITY)	1 ÷ 6
CASE DIMENSIONS (mm)	230x125x300 h

MC424L

ACCESSORIES

MCA2
SPARE CONTROL UNIT FOR MC424L.

PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.

PC/PACK 1

MINDY A01, A02

Mindy A01, A02 control units for rolling doors.

Incorporated radio card compatible with the Nice Flo, FloR and Smilo systems.
Programmable Step-by-step/Open input.
Input for **close** function.
Input for connection interface for 8.2 KOhm resistive sensitive edge.
Semi-automatic and automatic operation.
Flashing light output (A02 model).

CODE	DESCRIPTION	PC/PACK
A01	FOR ONE 230 Vac MOTOR, FOR ROLLING SHUTTERS, WITHOUT AUTOMATIC CLOSING FEATURE, WITH BUILT-IN RECEIVER COMPATIBLE WITH THE FLO, FLOR AND SMILO SERIES OF TRANSMITTERS	1
A02	FOR ONE 230 Vac MOTOR, FOR ROLLING SHUTTERS, WITH SEMI-AUTOMATIC AND AUTOMATIC CLOSING FEATURE, FLASHING LIGHT OUTPUT AND WITH BUILT-IN RECEIVER COMPATIBLE WITH THE FLO, FLOR AND SMILO SERIES OF TRANSMITTERS	1

TECHNICAL SPECIFICATIONS

CODE	A01	A02
POWER SUPPLY (Vac 50/60 Hz)	230 ± 10%	
BATTERY POWER (Vdc)	-	
MAXIMUM MOTOR POWER (VA; A)	900; 5	
MAXIMUM ACCESSORIES POWER 24 V (A)	0.055	
MAXIMUM FLASHING LIGHT POWER (V;W)	-	230; 40
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	-	
MAXIMUM ELECTRIC LOCK POWER (V; W)	-	
WORKING TIME "TL" (S)	5 ÷ 120	
PAUSE TIME "TP" (S)	-	1 ÷ 120
OPENING DELAY TIME TRA (S)	-	
CLOSING DELAY TIME TRC (S)	-	
COURTESY LIGHT TIME "TCOR" (S)	-	
PRE-FLASHING TIME "TPRE" (S)	-	
FORCE ADJUSTMENT (%)	-	
ANTI-CRUSHING DEVICE (SENSITIVITY)	-	
CASE DIMENSIONS (mm)	128x112x43 h	

MINDY A500

Mindy A500 control unit, three-phase 230 V, 400 V or single-phase 230 Vac motor, 1.5 Kw.

Automatic detection of obstacles, door block, brake.
Pull-out terminal boards.

PUL

CODE	DESCRIPTION	PC/PACK
A500	FOR A THREE-PHASE 400 Vac OR SINGLE-PHASE / THREE PHASE 230 Vac MOTOR, 1.5 KW	1
PIU	EXPANSION CARD FOR ADDITIONAL FUNCTIONS	1
PUL	CENTRAL COVER WITH INCORPORATED CONTROL BUTTONS, COMPLETE WITH CONNECTING CABLE AND CONNECTOR FOR A500 AND A924	1

TECHNICAL SPECIFICATIONS

CODE	A500
POWER SUPPLY (Vac 50/60 Hz)	400/230 ± 10%
BATTERY POWER (Vdc)	-
MAXIMUM MOTOR POWER (VA; A)	1500; 4
MAXIMUM ACCESSORIES POWER 24 V (A)	0.2 + 0.2
MAXIMUM FLASHING LIGHT POWER (V;W)	230; 40
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	24.2
MAXIMUM ELECTRIC LOCK POWER (V; W)	-
WORKING TIME "TL" (S)	3 ÷ 120 (210)
PAUSE TIME "TP" (S)	5 ÷ 200
OPENING DELAY TIME TRA (S)	-
CLOSING DELAY TIME TRC (S)	-
COURTESY LIGHT TIME "TCOR" (S)	(PIU)
PRE-FLASHING TIME "TPRE" (S)	5
FORCE ADJUSTMENT (%)	-
ANTI-CRUSHING DEVICE (SENSITIVITY)	MIN ÷ MAX
CASE DIMENSIONS (mm)	220x110x280 h

MINDY A6F, A60, A700F

Mindy A6F, A60 control units, for two motors; microprocessor logic.

Pull-out terminal boards (A6F and A60 models).
Two photocell inputs with separate functions.
Electrical (A6F model) or electronic (A6F and A60 models) adjustment.
Gradual departure and slowdown (A60).
Adjustment is separate to the work times (A60).

PUL

Mindy A700F control unit, for two motors; microprocessor logic.

Removable terminal boards; two photocell inputs; four limit switch inputs; partial opening (standard).
Unbeatable performance due to the many programmable functions.
PIU expansion card can be inserted to provide more functions.

CODE	DESCRIPTION	PC/PACK
A6F	FOR TWO 230 Vac MOTORS WITH ELECTRIC CLUTCH, IP55 CASE	1
A60	FOR TWO 230 Vac MOTORS WITH ELECTRONIC CLUTCH AND SLOWDOWN, IP55 CASING	1
A700F	FOR TWO 230 Vac MOTORS WITH ELECTRIC CLUTCH. POSSIBILITY OF ADDING THE PIU EXPANSION CARD, IP55 CASE	1
PIU	EXPANSION CARD FOR ADDITIONAL FUNCTIONS	1
PUL	CENTRAL COVER WITH INCORPORATED CONTROL BUTTONS, COMPLETE WITH CONNECTING CABLE AND CONNECTOR FOR A500 AND A924	1

TECHNICAL SPECIFICATIONS

CODE	A6F	A60	A700F
POWER SUPPLY (Vac 50/60 Hz)	230 ± 10%		
BATTERY POWER (Vdc)	-		
MAXIMUM MOTOR POWER (VA; A)	2x400; 2		
MAXIMUM ACCESSORIES POWER 24 V (A)	0.3	0.2 + 0.075	0.2 + 0.1
MAXIMUM FLASHING LIGHT POWER (V;W)	230; 100	230; 40	230; 100
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	24; 2		
MAXIMUM ELECTRIC LOCK POWER (V; W)	12; 25		
WORKING TIME "TL" (S)	2.5 ÷ 40 (80)		
PAUSE TIME "TP" (S)	5 ÷ 80		
OPENING DELAY TIME TRA (S)	0/2.5 ÷ 12		
CLOSING DELAY TIME TRC (S)	0/2.5 ÷ 12		
COURTESY LIGHT TIME "TCOR" (S)	60		60 (PIU)
PRE-FLASHING TIME "TPRE" (S)	5		
FORCE ADJUSTMENT (%)	30/45/60/ 80/100	0 ÷ 100	30/45/60/80/100
ANTI-CRUSHING DEVICE (SENSITIVITY)	-		
CASE DIMENSIONS (mm)	220x110x280 h		

MINDY A924

Mindy A924 control units (only for Sumo)

24 V version for one dc motor, complete with encoder.
Intelligent clutch with anti-crush safety feature.
Automatic memorization of limit switches on opening and closing; gradual departure and slowdown.
Pedestrian passage function "service".
Warning light for maintenance (can be programmed).
Built-in battery charger. Pull-out terminal boards.

PUL

CODE	DESCRIPTION	PC/PACK
A924	FOR ONE MOTOR, WITH 24 Vdc ENCODER, BUILT-IN BATTERY CHARGER, IP55 CASE (ONLY FOR SUMO)	1
B12-B	12 V, 6 Ah BATTERIES	1
B12V-C	12 V, 2 Ah BATTERIES	1
CARICA	PLUG-IN CARD FOR BATTERY CHARGER	1
BA3-A	NICE BATTERY BOX FOR A924	1
PUL	CENTRAL COVER WITH INCORPORATED CONTROL BUTTONS, COMPLETE WITH CONNECTING CABLE AND CONNECTOR FOR A500 AND A924	1

TECHNICAL SPECIFICATIONS

CODE	A924
POWER SUPPLY (Vac 50/60 Hz)	230 ± 10%
BATTERY POWER (Vdc)	21 ÷ 28
MAXIMUM MOTOR POWER (VA; A)	360 (W); 15
MAXIMUM ACCESSORIES POWER 24 V (A)	0.2 + 0.2
MAXIMUM FLASHING LIGHT POWER (V;W)	24/25
MAXIMUM GATE OPEN INDICATOR POWER CA (V; W)	24; 2
MAXIMUM ELECTRIC LOCK POWER (V; W)	24; 12
WORKING TIME "TL" (S) / PAUSE TIME "TP" (S)	- / 1 ÷ 1023
OPENING DELAY TIME TRA (S)	-
CLOSING DELAY TIME TRC (S)	-
COURTESY LIGHT TIME "TCOR" (S)	60
PRE-FLASHING TIME "TPRE" (S)	5
FORCE ADJUSTMENT (%)	-
ANTI-CRUSHING DEVICE (SENSITIVITY)	MIN ÷ MAX
CASE DIMENSIONS (mm)	220x110x280 h

CONTROL UNIT FUNCTIONS

PROGRAMMABLE FUNCTIONS	A01	A02	A500	A6/A6F	A60	A700F	A924	MC824H/HK7024	MC424L	WALKY	H02124	ROAD	ROBUS 350	ROBUS 600/1000/NAKED/SLIGHT/ROBUS HS	RUN/RUN HS	SPIN10	SPIN20/21/22KCE	SPIN23	SPIN30/SN6031	SPIN40/SN6041	SPYBOX	SPYBOXB	TN2030/TNKCE	SOON/TN2010	M-BAR/L-BAR	S-BAR	WIDE
Manual operation			•	•	•	•	•	•			•		•	•	•			•	•	•	•	•		•	•	•	•
Semi-automatic operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic operation + always close			•	•	•	•	•	•		•	•		•	•	•			•	•	•	•	•		•	•	•	•
Condominium operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pre-flashing			•	•	•	•	•	•	•		•		•	•	•			•	•	•	•	•		•	•	•	•
Close again 5 s after Photo			•	•	•	•	•	•	•	•	•		•	•	•			•	•	•	•	•		•	•	•	•
Photo during opening, too			•	•	•	•	•						•	•	•			•	•		•			•	•	•	•
Gradual departure				•		•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•	•
Gradual stop				•		•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•	•
Flashing even during the Pause						•																					•
Courtesy light "on" Flashing light				•		•							•	•				•	•	•	•	•		•	•	•	
Impulsive courtesy light					•																	•	•				
Gate open light (CA) with proportional flashing						•			•	•			•	•	•			•	•	•	•	•		•	•	•	
Cancel stop during the Step-by Step cycle			•			•		•		•	•		•	•	•			•	•	•	•	•		•	•	•	
Photocell safety when each movement starts			•	•		•		•		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
Automatic realignment when power supply returns																											
Positioning function					•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
Hammering				•	•	•		5																			
Maintaining the pressure on oil-pressure motors					•	•																					
Activation of the Phototest			•		•	•	•		•			•				•						•	•				
Skip STOP during opening			•			•		•		•	•		•	•	•			•	•	•	•	•		•	•	•	
Skip STOP during closing			•			•		•		•	•	•	•	•	•			•	•	•	•	•		•	•	•	
CLOSE becomes PEDESTRIAN OPEN					•	•		•						•	•												
Photocells (PHOTO and/or PHOTO1) during opening too				•	•	•		•	•	•	•			•	•			•	•	•		•		•	•	•	•
Partial remote controlled inversion with PHOTO photocell														•	•			•	•	•		•		•	•	•	
Complete remote controlled inversion with PHOTO photocell	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Exclude limit switch																											
Standard Step-by-Step function: Open-Close-Open								•		•	•		•	•	•			•	•	•	•	•		•	•	•	
Mode 2 Step-by-Step function: Open-Pause-Close-Open												•		•	•	•	•	•	•	•	•	•		•	•	•	
Mode 3 Step-by-Step function: Open-Stop-Close-Open								•			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

PROGRAMMABLE FUNCTIONS	A01	A02	A500	A6/A6F	A60	A700F	A924	MC824H/HK7024	MC424L	WALKY	H02124	ROAD	ROBUS 350	ROBUS 600/1000/NAKED/SLIGHT/ROBUS HS	RUN/RUN HS	SPIN10	SPIN20/21/22KCE	SPIN23	SPIN30/SN6031	SPIN40/SN6041	SPYBOX	SPYBOXB	TN2030/TNKCE	SOON/TN2010	M-BAR/L-BAR	S-BAR	WIDE
Temporary pause (photocell)					•								•	•	•			•	•	•	•	•		•	•	•	
Gate open light (CA) becomes "one way" traffic lights							•																				•
Two way traffic lights							•											•	•	•				•	•	•	
Step-by-Step function Open-Stop-Close-Stop	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Extension of work time			•	•	•	•																					
Pause time with presence detector			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1st motor delay during opening					•			•	•		•																
Gate Open light with limit switch																											
Brake				•			•							•	•	•											•
Radio card incorporated in the control unit	•	•											•				•					•	•				
Stand-by								•	•	•	•		•	•				•	•	•	•			•	•	•	

OUTPUTS/INPUTS	TT2N	TT2L	TT2D	TT1N	TT1L	A01	A02	A500	A6	A6F	A60	A700F	A924	MC824H/HK7024	MC424L	WALKY	HO2124	ROAD	ROBUS 350	ROBUS 600/1000/NAKED/SLIGHT/ROBUS HS	RUN/RUN HS	SPIN10	SPIN20/21/22KCE	SPIN23	SPIN30/SN6031	SPIN40/SN6041	SPYBOX	SPYBOXB	TN2030/TNKCE	SOON	TN2010	M-BAR/L-BAR	S-BAR	WIDE
Motor 1 output	•			•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Motor 2 output									•	•	•	•		•	•	•													•		•			
Flashing Light output							•	•	•	•	•	•	•	•	•	•	4/5	•	•	•	•	•	•	•	•	•	*3	*3	•	•	•	•	•
24 V motor power supply													•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
230 Vac motor power supply	•	•	•	•	•	•	•	•	•	•	•	•	•								•												
400 Vac motor power supply								•																										
Electric lock output										•	•	•	•	4/5	•	•	4/5			*3	*3		•	*3	*3	*3	*3	*3	•	*3	*3	*3	
Suction output													P	•	*3		*3	*5		*3	*3		•	*3	*3	*3	*3	*3		*3	*3	*3	
Phototest output								•				•	•	•		*4		•				•					*3	*3	•				
Gate open output light								•	•	•	•	•	•	4/5	•	•	*3 4/5		•	•	•		•	*3	*3	*3	*3	*3		•	•	*3	*3	•
Step-by-step input						*4	*4	•	•	•	•	•	•	•	•	•	•	4/5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Open input						*4	*4	•			•	•	•	•	B	*5	4/5			•	•			•	•	•	*6	•		•	•	•	•	•
Input for close function						•		•			•	•	•	4/5	B	*5	4/5			•	•			*5	*5	*5	*6	*6		•	•	•	•	•
Partial Open Input								P				•P	•	4/5	B	*5	4/5			*5	*5			*5	*5	*5	*6	*6		*5	*5	*5	*5	
Stop Input						*4	•	•	•	•	•	•	•	•	*4	•	•	•	•	•	•	•	•	•	•	•	*6	*6	•	•	•	•	•	•
Optical sensor input																								•	•						•	•	•	•
Resistive edge input						•	•							•	*4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BlueBUS Input														•		•	•		•	•	•		•	•	•	•		•		•	•	•	•
PHOTO photocell input						*4	•	•	•	•	•	•	•	*5	•	*5	*5	•	•	*5	*5	•		*5	*5	*5	•	*6	•	*5	*5	*5	*5	•
PHOTO 1 photocell during closing input									•	•	•	•		*5	•	*5	*5		•	*5	*5						*6	*6				*5		
PHOTO 2 photocell during opening input								P				P	•	*5	B	*5	*5		•	*5	*5						*6	*6				*5		•
Limit switch input during opening (for 1 motor) FCA 1								•				•		•				•		•	•								•			•	•
Limit switch input during closing (for 1 motor) FCC 1								•				•		•				•		•	•								•			•	•
Limit switch input during opening (for 2 motors) FCA 2												•		•																			
Limit switch input during closing (for 2 motors) FCC 2												•P		•																			
Courtesy light output								P			•		•	4/5		*3	4/5			*3	*3		•	*3	*3	*3	*3	*3	•	*3	*3	*3	*3	•
Maintenance indicator light													•	4/5		*3	*5			*3	*3			*3	*3	*3	*3	*3		*3	*3	*3	*3	
Single-phase load		•	•		•																													
Traffic lights												P		*5			*5							*3	*3	*3				*3	*3	•	*3	•
Loop detector																																	•	

ADJUSTMENTS	TT2N	TT2L	TT2D	TT1N	TT1L	A01	A02	A500	A6	A6F	A60	A700F	A924	MC824H/HK7024	MC424L	WALKY	HO2124	ROAD	ROBUS 350	ROBUS 600/1000/NAKED/SLIGHT/ROBUS HS	RUN/RUN HS	SPIN10	SPIN20/21/22KCE	SPIN23	SPIN30/SN6031	SPIN40/SN6041	SPYBOX	SPYBOXB	TN2030/TNKCE	SOON	TN2010	M-BAR/L-BAR	S-BAR	WIDE
Work time						•	•	•	•	•	•	•																						
Pause time	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Opening delay time									•	•	•	•	•	*2	•		•																	
Closing delay time									•	•	•	•	•	*2	•		•											•	•					
Electronic adjustment force									•		•								•		•	•	•	•	•	•	•	•	•	•	•	•	•	•
Positioning force												•																						•
Electromechanical adjustment force										•		•																						
Mechanical adjustment force																																		
Current sensitivity								•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Speed													•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•

OPTIONAL ACCESSORIES	TT2N	TT2L	TT2D	TT1N	TT1L	A01	A02	A500	A6	A6F	A60	A700F	A924	MC824H/HK7024	MC424L	WALKY	HO2124	ROAD	ROBUS 350	ROBUS 600/1000/NAKED/SLIGHT/ROBUS HS	RUN/RUN HS	SPIN10	SPIN20/21/22KCE	SPIN23	SPIN30/SN6031	SPIN40/SN6041	SPYBOX	SPYBOXB	TN2030/TNKCE	SOON	TN2010	M-BAR/L-BAR	S-BAR	WIDE
RADIO card with Nice plug-in								•	•	•		•	•																					
RADIO card with SM plug-in											•			•	•	•	•			•	•	•		•	•	•	•		•		•	•	•	•
Slot card for battery recharger															•					•			•		•	•	•							•
PER expansion card																																		
PIU expansion card								•				•																						
AR electronic adjustment card																																		
Pedestrian leaf																																		
Man present								•																										
Partial inversion								•																										
Designed to accommodate buffer batteries														•		•	•			•	•				•	•	•		•		•	•	•	•

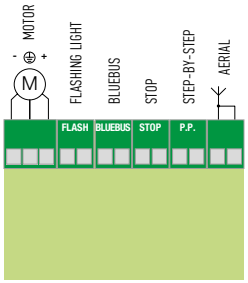
F = with the AR accessory connected.
R = with the PER accessory connected.
A = with the AP accessory connected.

P = with the PIU accessory connected.
B = only an input can be programmed.

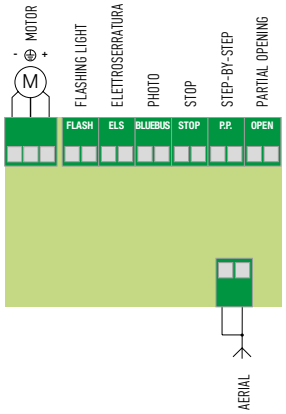
*1 = addition of the 2nd motor authorised.
*2 = not referred to a unit of time but to a distance.
*3 = programmable output.
*4 = just one programmable input/output.
*5 = programmable with O-View.

CONNECTIONS

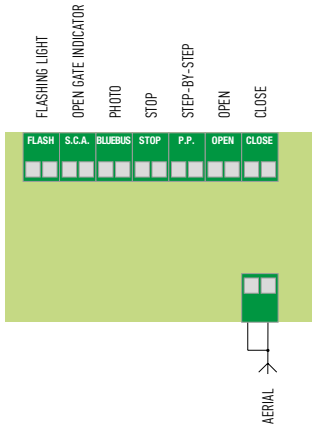
WALKY



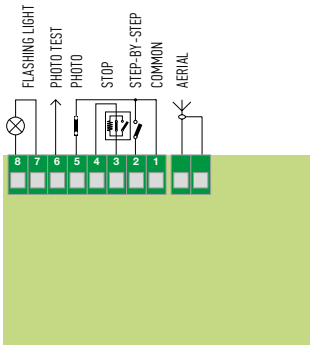
HOPP 7124



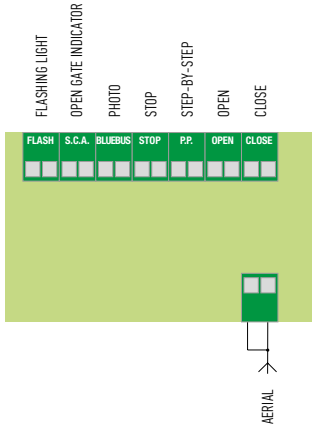
ROBUS 400/600/1000



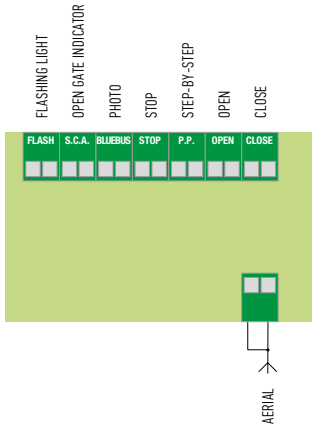
ROAD



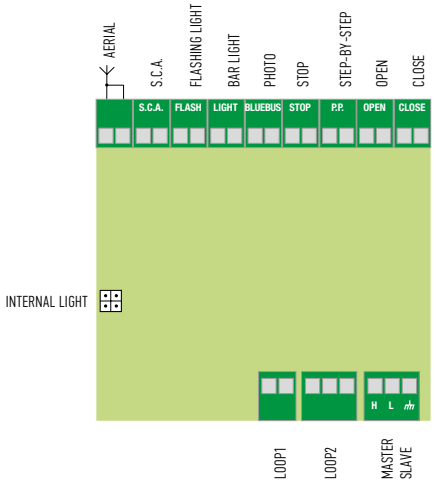
RUN/RUN HS



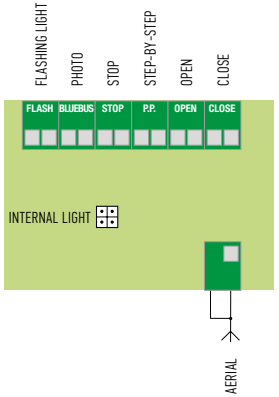
SLIGHT/NAKED SLIDING 400/ROBUS HS



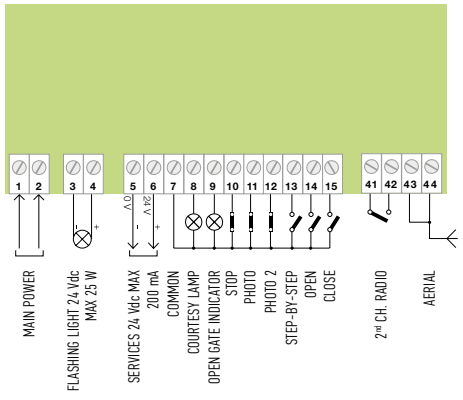
L-BAR/M-BAR



S-BAR

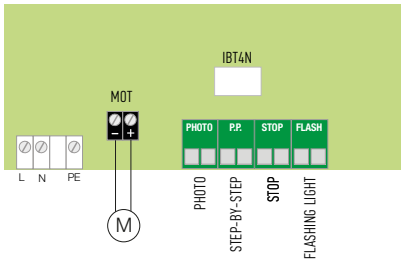


WIDE

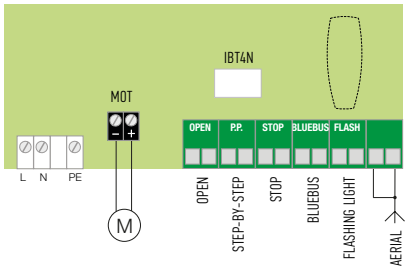


CONNECTIONS

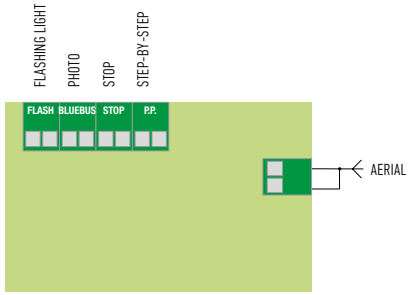
SPYBOX



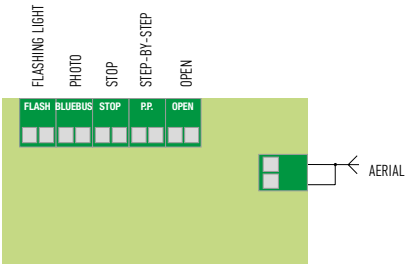
SPYBOXB



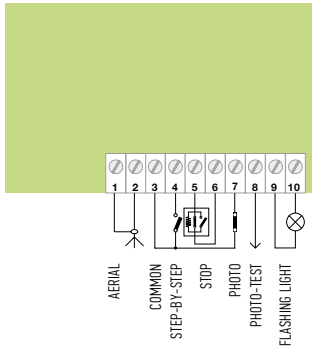
SPIN20KCE/SPIN21KCE/SPIN22KCE



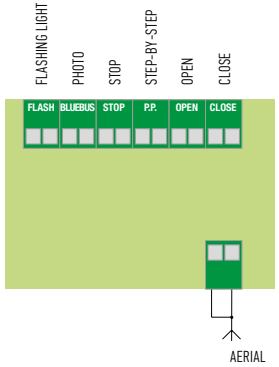
SPIN23KCE/SPIN30/SN6031/SPIN40/SN6041



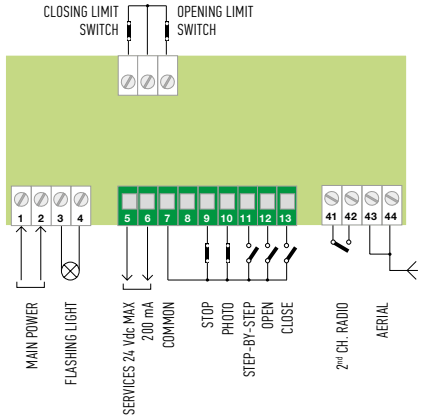
SPIN10KCE/SPIN11KCE



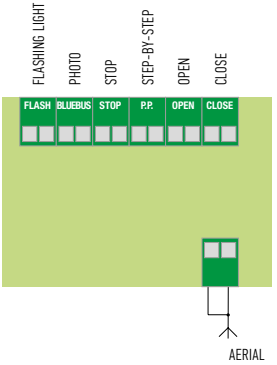
TN2010



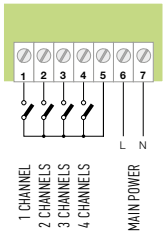
TN2030/TNKCE



SOON



TTX4



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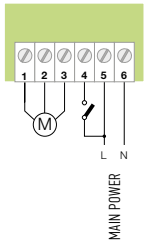

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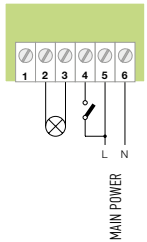

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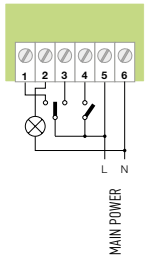

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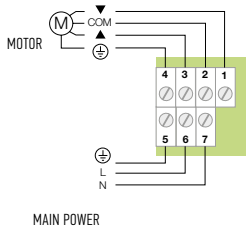

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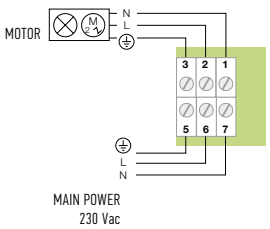
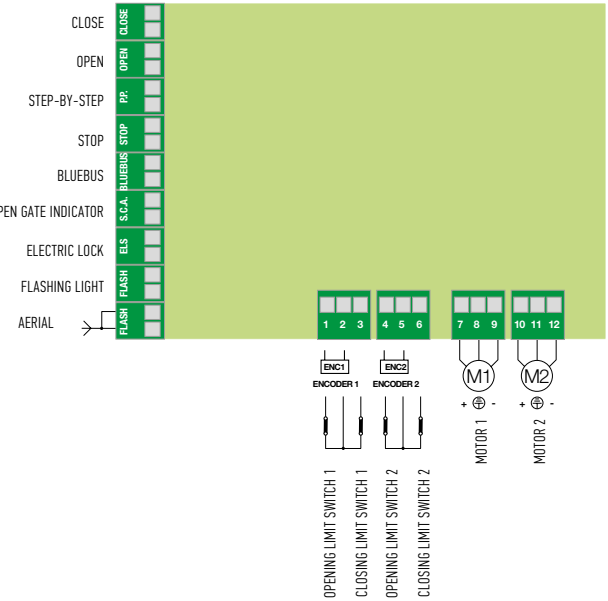
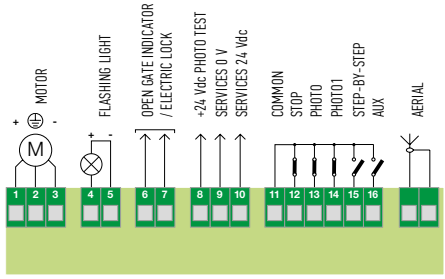


MC824H/HYKE

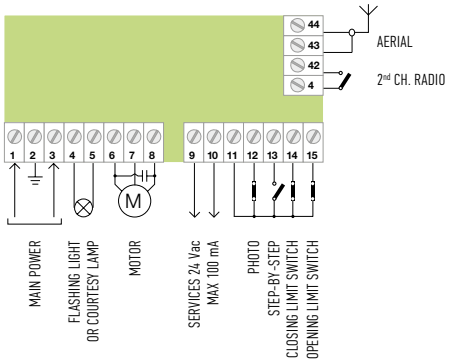


MC424L



CONNECTIONS

A0



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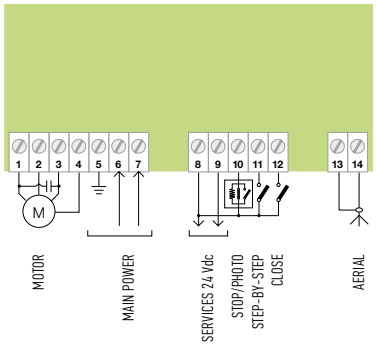

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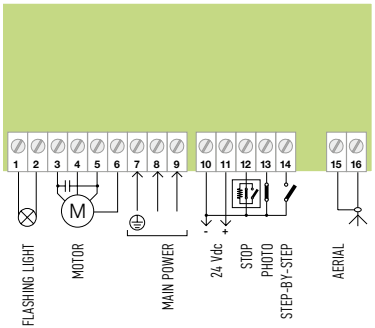

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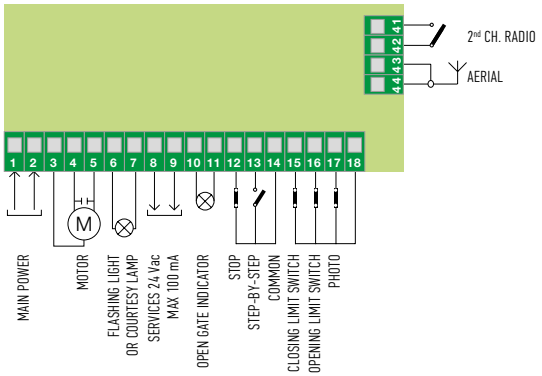

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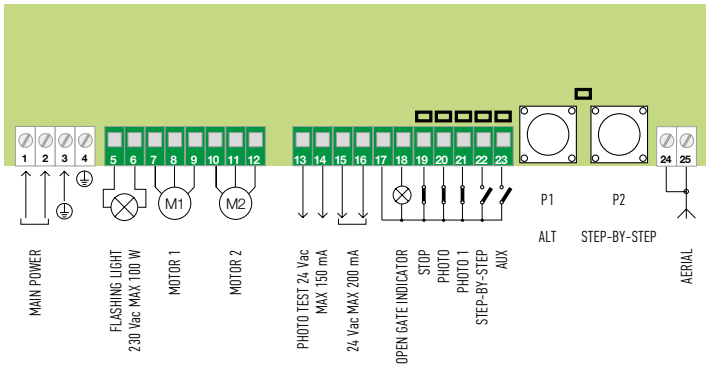

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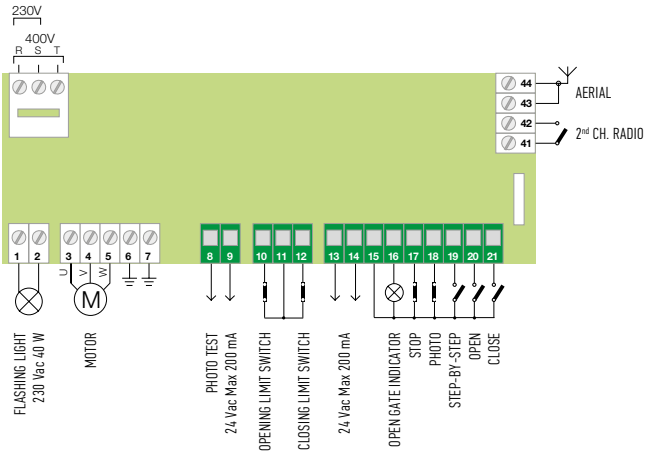

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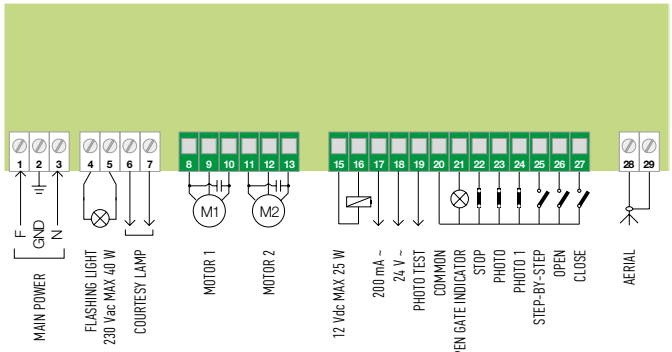
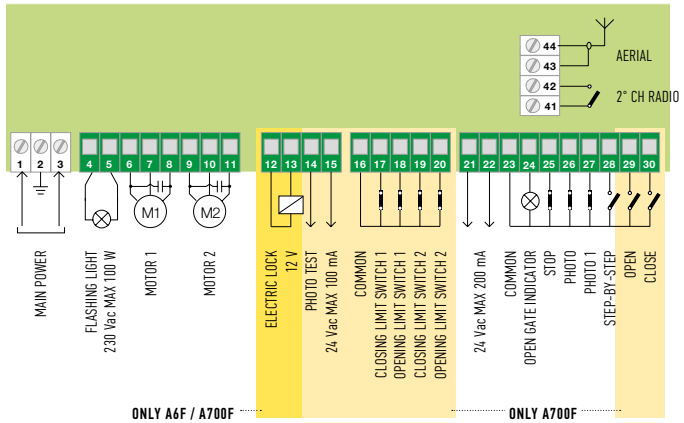


A6/A6F, A700F



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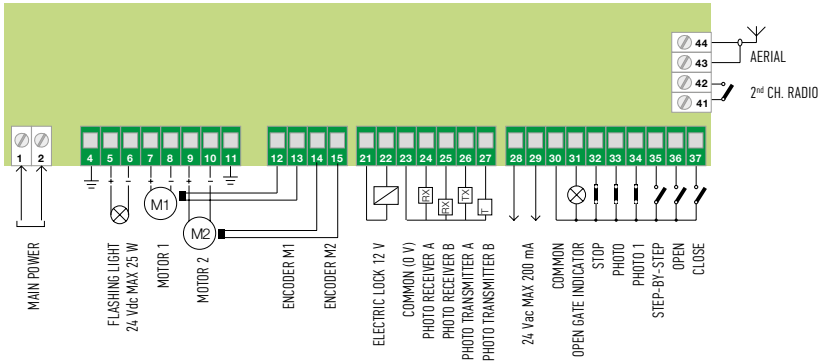

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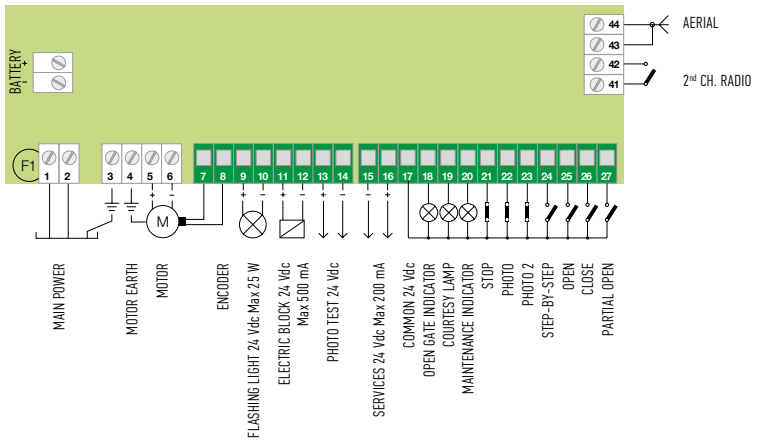

COMPATIBILITY GUIDE FOR AUTOMATION SYSTEMS

SYSTEMS FOR SWING GATES

MOTOR	MOONCLEVER CONTROL UNIT		SPARE CODE	RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
WG4024, WG5024, WG2024, WG3524	MC424L	SOLEMYO 24V	MCA2	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL F210, FT210 MOF, BF, FK, FE, FI	EL24 ML24, ML24T LUCY24
SFAB2024							
TO03024, TO04524 *(only in MC424LR01)*							
TO4024, TO5024, TO7024 + TO5024I	MC824H	SOLEMYO OPERA BLUEBUS 24V	MCA1			EPSB, EPMB, EPLB F210B MOFB	ELB WLT MLB, MLBT
HY7024, HY7124							
SFAB2124							
TO6024HS, TO5024HS							
MFAB3024HS, MFAB3024							
WG3524HS							
LFAB4024							
BFAB5024							
TO5624I	MC824HR	SOLEMYO OPERA BLUEBUS 24V	MCA3				

MOTOR WITH ARTICULATED ARM	BUILT-IN CONTROL UNIT / SPARE CODE		RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
PP7024	POA1	24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL MOF, BF, FK, FE, FI	EL24, ML24, ML24T, LUCY24
WL1024C	WLA1	SOLEMYO OPERA BLUEBUS 24V			EPSB, EPMB, EPLB F210B, MOFB	ELB, WLT MLB, MLBT
HO7124, PP7124	POA3	SOLEMYO OPERA BLUEBUS 24V				
HK7024, HK7024HS	HKA1	SOLEMYO OPERA BLUEBUS 24V				

■ CODE INCLUDED IN THE GATE&DOOR CATALOGUE 2017

■ CODE NOT INCLUDED IN THE CATALOGUE

SYSTEMS FOR SLIDING GATES

MOTOR	BUILT-IN CONTROL UNIT / SPARE CODE		RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
RO300	ROA34		OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL F210, FT210 MOF, BF, FK, FE, FI	ML, MLT, LUCY, LL
RO1000, RO1020	ROA3		FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
RO1010	ROA4					
RO1124	ROA2	24V				EL24, ML24, ML24T
RO500, RO1070, TH1500	ROA37		Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, ERGO, PLANO, VERY VR		ML, MLT, LUCY, LL
TH1551	THA5		FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
TH2251	THA6		FLOXIR, FLOXI2R*			
RD400	RBA4	24V	Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		ELB WLT MLB, MLBT
RB350	RBA2	BLUEBUS 24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB F210B MOFB	
NKSL400	NKA3	SOLEMYO OPERA BLUEBUS 24V		ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB F210B, FT210B MOFB	
SLH400						
RB400	RBA3	SOLEMYO OPERA BLUEBUS 24V				
RB600						
RB1000						
RUN1500						
RUN1800	RUA1	OPERA BLUEBUS 230V				
RUN2500						
RUN2500I	RUA2 + RUA3	OPERA BLUEBUS 230V				
RB250HS, RB500HS	RBA3/HS	SOLEMYO OPERA BLUEBUS 24V				
RUN400HS, RUN1200HS	RUA6	OPERA BLUEBUS 24V				
TUB3500	MINDY A500		FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL F210, FT210 MOF, BF, FK, FE, FI	EL ML, MLT, LUCY
			FLOXI	FLO, VERY VE		

**Radio receiver incompatible with Opera system*

COMPATIBILITY GUIDE FOR AUTOMATION SYSTEMS

SYSTEMS FOR GARAGE DOORS

	MOTOR	BUILT-IN CONTROL UNIT / SPARE CODE		RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
SECTIONAL DOORS	SP6000	SPA40	24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL F210, FT210 MOF, BF, FK, FE, FI	EL24, ML24, ML24T
	SP6065	SPA20	24V	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
				FLOXI	FLO, VERY VE		
	SP6100	SPA30	24V	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
				FLOXI	FLO, VERY VE		
	CR2124	ROA2	24V	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
				FLOXI	FLO, VERY VE		
	SN6011	SNA1	24V	Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		ELB, WLT MLB, MLBT LUCYB
	SN6021	SNA2	BLUEBUS 24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, MOFB	
	SN6023	SNA20	SOLEMYO OPERA BLUEBUS 24V			EPSB, EPMB, EPLB F210B, FT210B MOFB	
	SN6031, SPIN30	SNA3	SOLEMYO OPERA BLUEBUS 24V				
	SN6041, SPIN40	SNA4	SOLEMYO OPERA BLUEBUS 24V				
	SO2000	SOA2	SOLEMYO OPERA BLUEBUS 24V				
	SHEL75KCE, SHEL50KCE	OGA0	24V	Built-in*		EPS, EPM, EPL, F210, FT210, MOF, BF, FK, FE, FI	-
	SPY650KCE, SPY800KCE	SPYBOX B	SOLEMYO OPERA BLUEBUS 24V	SMXI/OXI + Built-in*		EPSB, EPMB, EPLB, F210B, FT210B, MOFB	ELB, WLT, MLB, MLBT, LUCYB
	SPY550KCE	SPYBOX	OPERA 24V	Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL, F210, FT210, MOF, BF, FK	EL24,WLTML24, ML24T, LUCY24
UP-AND-OVER DOORS	OT21, OT21FC	OTA1	24V	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL, F210, FT210 MOF, BF, FK	EL, ML, MLT, LUCY
				FLOXI	FLO, VERY VE		
	TN2010L, TN2010	TNA2	SOLEMYO OPERA BLUEBUS 24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB- F210B, FT210B, MOFB	ELB, WLT MLB, MLBT
	TN2030L, TN2030 TNLKCE, TNKCE	TNA1	24V			EPS, EPM, EPL, F210, FT210, MOF, BF, FK, FE, FI	

*Radio receiver incompatible with Opera system

BARRIER GATE OPERATOR SYSTEMS

MOTOR	BUILT-IN CONTROL UNIT / SPARE CODE		RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
WIL	WA20	24V	OXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210 MOF, BF, FK, FE, FI	EL24 ML24, ML24T
WIDE	WY20	24V				
SIGNO *all models*	SIA20	24V				
XBAR	XBA2	24V			EPSB, EPMB, EPLB- F210B, FT210B MOFB	ELB, WLT MLB, MLBT
S4BAR	XBA20	SOLEMYO OPERA BLUEBUS 24V				
MBAR	XBA3	SOLEMYO OPERA BLUEBUS 24V				
L9BAR						

WIL barriers produced before 2008 have MOLEX radio plug

SYSTEMS FOR GATES AND GARAGE DOORS WITH MINDY CONTROL UNITS

CONTROL UNIT	SPARE CODE	MOTOR	RECEIVER	TRANSMITTER	PHOTOCELLS	FLASHING LIGHT
A01	139-B.8001	GR170, GR340, RN2030, RN2040, RN2010, RN2020	Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M,FLO, ONE, SMILO, ERGO, PLANO, VERY VR, VERY VE	EPS, EPM, EPL F210, FT210 MOF, BF, FK, FE, FI	- EL, ML, MLT, LUCY
A02	200-A.8001					
A0, A1, A1B	-	OT20, RO1030	FLOXI2R* FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, ONE, VERY VR		EL, ML, MLT, LUCY
A3, A3F A6, A6F A700F	A3BA + A3GO A3FBA + A3GO SPSB059DE SPSB059DEF SPSB059DF	TO4005, TO4006, TO4015, TO4605, TO5015, TO5016, TO5605 HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, TO03000, TO04500				
A400	102-A.8001	WG4000	OXI SMXI* SMXIS*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		
A100F Universal control unit for 230 Volt single motor	129-A.8001	OT20, RO1030				
A60	SPSB138D	TO4005, TO4006, TO4015, TO4605, TO5015, TO5016, TO5605 HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, TO03000, TO04500				
A500	096-B.8001	Universal control unit for single motor (Power supply 230 V - 400 V)	FLOXI2R* FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY FLOR-S, FLOR-M, FLO, ONE, VERY VR, VERY VE		EL24 ML24, ML24T LUCY24
A824 24V	SP081-B	MB4024, MB5024, HY7024, HY7124, MFAB3024				
A824T 24V		TO4024, TO5024, TO7024				
A924 24V	SB105B	SU2000, SU2000V, SU2000VV, SU2010				

ALPHABETICAL INDEX

CODE	PRODUCT LINE	PAGE
A01	Control unit for rolling doors without automatic closing	220
A02	Control unit for rolling doors with automatic/ semiautomatic closing	220
A500	Control unit for a three-phase or single-phase motor	220
A60	Control unit for two motors with electric clutch	221
A6F	Control unit for two motors 230 Vac, with electric clutch, pull-out terminal boards	221
A700F	Control unit for two motors with electric clutch, possibility of adding PIU	221
A924	Control unit for one motor with encoder	221
ABF	Tuned directional aerial, for mounting on bracket	176
ALA1	Battery charger power supply unit	182
B12-B	12 V, 6 Ah batteries	221
B12V-C	12 V, 2 Ah battery	221
BA3-A	Nice battery box	221
BFAB5024	Big-Fab, Motor for swing gates, underground installation, with leaves up to 5 m, with mechanical limit switch on closing	82
BFABBOX	Fab accessory, Foundation box with cataphoresis paint finish	82
BFABBOXI	Fab accessory, Stainless steel foundation box	82
BM1000	Additional memory card (255 codes memory)	201
BMA1	L-Fab and Big-Fab accessory, Accessory for opening up to 360°	81
BMA2	L-Fab and Big-Fab accessory, Adapters for the installation of two motors	80
CABLA01	Cable for connecting O-Box to the computer	182
CABLA02	Optical reader for programming transmitters Bio and FloR	182
CABLA03	Cable for cloning transmitters in the series Very	182
CABLA04	Cable for cloning transmitters in the series FloR	182
CABLA05	Cable for programming tubular motors, equipped with port TTBUS	182

CODE	PRODUCT LINE	PAGE
CABLA06	Cable for programming receivers universal in the series SMX and OX	182
CABLA07	Cable for cloning transmitters in the series Ergo and Plano	182
CABLA09	Cable for cloning transmitters in the series Era-Flor	182
CARICA	Plug-in card for battery charger	221
CB	Mechanical sensitive edges - protective rubber pad	211
CHEU	Neutral key for EKSEU, EKSIEU	200
CHS	Neutral key for EKS, EKSI	200
CM-B	Mechanical sensitive edges, length 1.5 m	99
CMA 1,5MT	Mechanical sensitive edges, length 1.7 m	211
CMA 1,7MT	Mechanical sensitive edges, length 2 m	211
CMA 2MT	Mechanical sensitive edges, length 2.5 m	211
CMA 2,5MT	Pawl with two metal release keys	211
CMBK4	Kit for installing a low mechanical edge, with aluminium profiles measuring 4 m (to use together with CB)	211
CMBK6	Kit for installing a low mechanical edge, with aluminium profiles measuring 6 m (to use together with CB)	211
CRA1	Mechanical accessory, shaft with 18-tooth pinion	151
CRA2	Mechanical accessory, joint for chain	151
CRA3	Mechanical accessory, 1/2" chain, 1 m pack, plus joint for chain	151
CRA4	Mechanical accessory, 1/2" chain, 5 m pack, plus joint for chain	151
CRA5	Mechanical accessory, tensioner drive with brackets	151
CRA6	Mechanical accessory, 36-tooth pinion	151
CRA7	Mechanical accessory, 18-tooth pinion	151
CRA8	Mechanical accessory, wall-fixing bracket	151
CRA9	Mechanical accessory, adapter for shafts	149

CODE	PRODUCT LINE	PAGE
DBM10	Complete kit for electrical connection of sensitive edges, for gates up to 10 m	210
DBM5	Complete kit for electrical connection of sensitive edges, for gates up to 5 m	210
DBM7,5	Complete kit for electrical connection of sensitive edges, for gates up to 7.5 m	210
EDS	Era Keypad, digital selector 12 keys to be combined with the MORX decoder	198
EDSB	Era Keypad, 12 key digital selectors with nice blueBUS technology, burglar-resistant metal body	198
EDSI	Era Keypad, 12 key digital selectors with nice blueBUS technology, for recessed mounting burglar-resistant metal body	198
EDSIB	Era Keypad, digital selector 12 keys, for recessed mounting, to be combined with the MORX decoder	198
EDSWG	Era Keypad wireless, 13 key digital selector, with radio connection	199
EKA01	Era Post, plug for mounting of EKS, EKSEU, EDS, EDSB, EDSW, ETP, ETPB, on PPH2 post	202
EKA02	Finishing kit for EDSI, EDSIB, EKSI, EKSIEU installation	198
EKA03	Bowl for recessed mounting (depth 66 mm) for installation of EKSI, EKSIEU. also compatible with EPLI0, EPLI0B, EDSI, EDSIB	197
EKS	Era Key Switch, key selector for outdoor installation	200
EKSEU	Era Key Switch, key selector, european cylinder, for outdoor installation	200
EKSI	Era Key Switch, key selector for recessed mounting	200
EKSIEU	Era Key Switch, key selector, european cylinder, for recessed mounting	200
EL	Era Light, Neutral flashing signal light, 230 Vac, for preset control units	204
EL24	Era Light, Neutral flashing signal light, 24 Vac/Vdc, for preset control units	204
ELB	Era Light, Neutral flashing signal light, 12 Vac/Vdc, for preset control units	204
EPL	Era Photocell L, pair of surface-mounted photocells large	197
EPLB	Era Photocell L, pair of surface-mounted photocells large, 30° positionable	197
EPLI0	Era Photocell L, pair of surface-mounted photocells large, 30° positionable, with Nice BlueBUS technology	197
EPLI0B	Era Photocell L, pair of surface-mounted photocells large, with Nice BlueBUS technology	197
EPL0	Era Photocell L, pair of photocells large for recessed mounting, 30° positionable	197

CODE	PRODUCT LINE	PAGE
EPL0B	Era Photocell L, pair of photocells large for recessed mounting, 30° positionable, with Nice BlueBUS technology	197
EPM	Era Photocell M, pair of outdoor photocells	195
EPMA	Era Photocell M, pair of outdoor photocells, 30° positionable	195
EPMAB	Era Photocell M, pair of outdoor photocells, 30° positionable, with Nice BlueBUS technology	195
EPMA0	Era Photocell M, pair of outdoor photocells, burglar-resistant metal body	195
EPMA0B	Era Photocell M, pair of outdoor photocells, 30° positionable, burglar-resistant metal body	195
EPMB	Era Photocell M, pair of outdoor photocells, 30° positionable, burglar-resistant metal body, with Nice BlueBUS technology	195
EPM0	Era Photocell M, pair of outdoor photocells, burglar-resistant metal body, with Nice BlueBUS technology	195
EPM0B	Era Photocell M, pair of outdoor photocells, with Nice BlueBUS technology	195
EPS	Era Photocell S, pair of outdoor photocells slim	193
EPSA	Era Photocell S, pair of outdoor photocells slim, burglar-resistant metal body	193
EPSAB	Era Photocell S, pair of outdoor photocells slim, with Nice BlueBUS technology, burglar-resistant metal body	193
EPSB	Era Photocell S, pair of outdoor photocells slim, with Nice BlueBUS technology	193
ERA P VIEW	Multifunction radio transmitter with intuitive graphic interface, to manage up to 99 devices singly or in groups	165
ETP	Era Transpoder Reader, proximity reader for transponder cards MOCARD and MOCARDP to be combined with the MORX decoder	201
ETPB	Era Transpoder Reader, proximity reader for transponder cards with Nice BlueBUS technology	201
F210	Pair of synchronised photocells, with relay output	213
F210B	Pair of synchronised photocells, with the Nice BlueBUS technology	213
FA1	Vandal-proof metal shell for optical devices	212
FA2	Bracket for fixing vandal-proof metal shell to PPH2 and PPH1 columns	212
FLO1RCE	Era FloR transmitter, 1 channel, with sequential code for multiple insertion	171
FLO1RE	Era FloR transmitter, 1 channel	171
FLO2RCE	Era FloR transmitter, 2 channels, with sequential code for multiple insertion	171

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FLO2RE	Era FloR transmitter, 2 channels	**171**
FLO4RCE	Era FloR transmitter, 4 channels, with sequential code for multiple insertion	**171**
FLO4RE	Era FloR transmitter, 4 channels	**171**
FLOX2R	Universal receiver, 2 channels with BM250 memory	**167**
FT210	Pair of optical devices for sensitive edges, with relay output	**212**
FT210B	Pair of optical devices for sensitive edges, with BlueBUS technology	**212**
FTA1	7 Ah battery kit for FT210/FT210B transmitters, for intensive use	**212**
FTA2	2 Ah battery kit for FT210/FT210B transmitters	**212**
GR170	Giro, Irreversible gear motor, with brake and release device, lifting force up to 170 kg	**156**
GR170E01	Giro, Irreversible gear motor, with brake and release device, lifting force up to 170 kg, power supply cable included	**156**
GR170R	Giro, Reversible gear motor, without brake, lifting force up to 170 kg	**156**
GR170RE01	Giro, Reversible gear motor, without brake, lifting force up to 170 kg, power supply cable included	**156**
GR340E01	Giro, Irreversible gear motor, bi-motor with brake and release device, lifting force up to 340 kg, power supply cable included	**156**
GRA01	Giro accessory, second motor for GR170 complete with accessories for simultaneous release	**157**
GRA02	Giro accessory, adapter for 48 mm diameter shafts	**157**
GRA03	Giro accessory, adapter for 240 mm diameter pinion	**157**
HK7024	Hyke, Motor for swing gates up to 3.5 m, with articulated arm and control unit	**66**
HK7024HS	Hyke HS, Hi-Speed motor for swing gates up to 3 m, with magnetic encoder, complete with articulated arm and control unit	**26**
HK7224	Hyke, Motor for swing gates up to 3.5 m, with articulated arm	**66**
HK7224HS	Hyke HS, Hi-Speed motor for swing gates up to 3 m, with articulated arm, without built-in control unit	**26**
HKA1	Hyke, Spare control unit for HK7024	**67**
HKA2	Hyke HS accessory, Spare control unit for HK7024HS	**27**
HO7124	Hopp, Motor for swing gates up to 2.4 m, with articulated arm and control unit	**62**
HO7224	Hopp, Motor for swing gates up to 2.4 m, with articulated arm, without control unit	**62**
HOPPKCE	Hopp, Kit for swing gates with leaves up to 2.4 m, externally mounted	**64**
HSB1	Trasponder badge for proximity reader	**167**
HSTS2IT	Touch screen wireless for managing Nice home automation	**167**
HSTSA1	Base di ricarica per touch screen completa di batterie ricaricabili	**167**
HY7005	Hyppo, Motor for swing gates up to 3 m, articulated shear-proof arm, with limit switch on opening and closing	**70**
HY7024	Hyppo, Motor for swing gates up to 3 m, with magnetic encoder, with shear-proof articulated arm	**70**
HY7100	Hyppo, Motor for folding 2-leaf doors, 230 Vac, with telescopic arm and limit switch on opening and closing	**152**
HY7124	Hyppo, Motor for folding 2-leaf doors, with telescopic arm and limit switch on opening and closing, with magnetic encoder	**152**
HYA11	Hyppo, Unlock from inside with a 6 m cord	**153**
HYA12	Hyppo, Longer articulated arm	**71**
HYKEKCE	Hyke, Kit for swing gates with leaves up to 3.5 m, with articulated arm, externally mounted	**68**
IB	Interface for connecting BlueBUS photocells up to control units which have not been manufactured for this purpose	**193**
IBW	Interface between PHW/LLW and control units with BLUEBUS system	**208**
INB	Communication interface between Bticino Bus (SCS) and Nice Bus (TTBus and BusT4)	**181**
INTI1	Era Inti transmitters,1 channel, 433,92 MHz, black	**168**
INTI1B	Era Inti transmitters,1 channel, 433,92 MHz, blue	**168**
INTI1G	Era Inti transmitters,1 channel, 433,92 MHz, green	**168**
INTI1L	Era Inti transmitters,1 channel, 433,92 MHz, liliac	**168**
INTI1R	Era Inti transmitters,1 channel, 433,92 MHz, red	**168**
INTI1Y	Era Inti transmitters,1 channel, 433,92 MHz, yellow	**168**
INTI2	Era Inti transmitters, 2 channels, 433,92 MHz, black	**168**
INTI2B	Era Inti transmitters, 2 channels, 433,92 MHz, blue	**168**

CODE	PRODUCT LINE	PAGE
INTI2G	Era Inti transmitters, 2 channels, 433,92 MHz, green	**168**
INTI2L	Era Inti transmitters, 2 channels, 433,92 MHz, liliac	**168**
INTI2R	Era Inti transmitters, 2 channels, 433,92 MHz, red	**168**
INTI2Y	Era Inti transmitters, 2 channels, 433,92 MHz, yellow	**168**
INTIKIT	Era Inti, Kit composed by three 2-channel transmitters Era Inti (red, green, blue) and one receiver OX2	**168**
IRW	Wireless relay interface for sensitive edges	**209**
KA1	6 m cable release kit for KIO	**214**
KIO	Key-operated selector switch for low voltage contacts with release mechanism for metal cord	**214**
KIOMINI	Aluminium key switch with control and release mechanism	**214**
L9BAR	Road barrier system for bars from 7 to 9 m, steel case with protective cataphoresis treatment	**116**
L9BARI	Road barrier system for bars from 7 to 9 m, stainless steel case	**116**
LFAB4000	L-Fab, Motor for swing gates, underground installation, with leaves up to 4 m, with mechanical limit switch on closing	**80**
LFAB4024	L-Fab, Motor for swing gates, underground installation, with leaves up to 4 m, with encoder and mechanical limit switch on closing	**80**
LFABBOX4	L-Fab accessory, Foundation box with cataphoresis paint finish	**80**
LFABBOX4I	L-Fab accessory, Stainless steel foundation box	**80**
LLW	Wireless flashing light with built-in photovoltaic panel	**208**
LP21	Single-channel metal mass detector 24 V power supply	**211**
LP22	Two-channel metal mass detector 24 V power supply	**211**
M3BAR	Road barrier system for bars of 3 m, steel case with protective cataphoresis treatment	**112**
M3BARI	Road barrier system for bars of 3 m, stainless steel case	**112**
M5BAR	Road barrier system for bars of 4 or 5 m, steel case with protective cataphoresis treatment	**112**
M5BARI	Road barrier system for bars of 4 or 5 m, stainless steel case	**112**
M7BAR	Road barrier system for bars of 5, 6 or 7 m, steel case with protective cataphoresis treatment	**112**
M7BARI	Road barrier system for bars of 5, 6 or 7 m, stainless steel case	**112**
MC424L	Control unit for swing gates with one or two 24 Vdc motors, with Solemyo technology	**219**
MC824H	Control unit for one or two motors at 24 Vdc, with BlueBUS technology, compatible for Opera and Solemyo systems	**218**
MCA1	Spare control unit for MC824H	**218**
MCA2	Spare control unit for MC424L	**219**
MEA1	Mechanical accessory for opening up to 360° for gates max. 2.5 m in length	**29**
MEA2	Fab accessory, Key unlock system	**29**
MEA3	Fab accessory, Lever-type key unlock system	**29**
MEA5	Fab accessory, Lever-type unlock key for MEA3	**29**
MEA6	Fab accessory, Limit switch bracket	**29**
MFAB3000	M-Fab, Motor for swing gates with leaves up to 3 m, underground installation, grease lubrication, increased speed	**78**
MFAB3000L	M-Fab, Motor for swing gates with leaves up to 3 m, underground installation, grease lubrication, cruising speed	**78**
MFAB3024	M-Fab, Motor for swing gates with leaves up to 3 m	**78**
MFAB3024HS	M-Fab HS, Hi-Speed motor for swing gates with leaves up to 3 m, with magnetic encoder	**28**
MFABBOX	Fab accessory, Externally chamfered foundation box with cataphoresis finish with mechanical stop on opening	**28**
MFABBOXI	Fab accessory, Externally chamfered foundation box in stainless steel with mechanical stop on opening	**28**
MOCARD	Transponder card programmable via OBOX	**201**
MOCARDP	Transponder card programmable via OBOX, with sequential coding	**201**
MORX	Decoder for 1 ETP or up to 4 EDS/EDSI connected in parallel with memory BM1000	**198**
NKA3	Spare control unit	**89**
NKSL400	Naked, Concealed motor for swing gates up to 400 kg, with control unit and absolute encoder	**89**
NSEA	Instrument for force impact measurement, angular extension	**210**
NSEL	Instrument for force impact measurement, straight extension	**210**

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NSFB	BlueForce SMART instrument for measuring the impact force compliant with EN12445, with Plug Bluetooth/USB and software included	210
NSFS	BlueForce SMART instrument for measuring the impact force compliant with EN12445, with USB interface and software included	210
OBOX2	Connection interface complete with software "O-Box Software Suite", with USB connection cable supplied	182
OBOX2B	Connection interface complete with software "O-Box Software Suite", with USB connection cable and integrated Bluetooth module	182
OLTRE1824	Oltre, invisible motor for swing gates weighing up to 100 kg and with a leaf length of up to 1.8 m, with release lever	54
ON1CE	Era One transmitter, 1 channel, 433,92 MHz, with sequential code for multiple insertion	170
ON1E	Era One transmitter, 1 channel, 433,92 MHz	170
ON1EFM	Era One transmitter, 1 channel, 868,46 MHz	170
ON2CE	Era One transmitter, 2 channels, 433,92 MHz, with sequential code for multiple insertion	170
ON2E	Era One transmitter, 2 channels, 433,92 MHz	170
ON2EFM	Era One transmitter, 2 channels, 868,46 MHz	170
ON4CE	Era One transmitter, 4 channels, 433,92 MHz, with sequential code for multiple insertion	170
ON4E	Era One transmitter, 4 channels, 433,92 MHz	170
ON4EFM	Era One transmitter, 4 channels, 868,46 MHz	170
ON9E	Era One transmitter, 9 channels, 433,92 MHz	170
ON9EFM	Era One transmitter, 9 channels, 868,46 MHz	170
OTA11	Mechanical accessory, Kit for external unlocking with a metal cord	145
OTA12	Mechanical accessory, Kit for external unlocking with key ratchet	145
OTA2	Mechanical accessory, Motor support bracket (1250 mm long)	145
OTA3	Mechanical accessory, Motor support bracket (2000 mm long)	145
OTA9	Mechanical accessory, Motor support bracket (520 mm long)	145
OVA1	O-View Accessory, Clamp for fitting connectors RJ14	180
OVA2	O-View Accessory, Connectors RJ14, type 6/4, for flat 4-wire cable	180
OVA3	O-View Accessory, RJ14 splitters, type 6/4, for cascade connection	180
OVA4	O-View Accessory, Flat 4-wire cable for connection of devices	180
OVBT	O-View, Bluetooth module for O-View and software for PC, PDA or Smartphone	180
OVBTGSM	O-View, GSM module and software for PC, PDA or Smartphone	180
OVIEW	Unit for control, programming and diagnostics of devices equipped with BUS T4 connection	180
OX2	Prewired receiver 433,92 MHz, 2 channels, without built-in transmitter	176
OX2FM	Prewired receiver 868,46 MHz, 2 channels, without built-in transmitter	176
OX2T	Prewired receiver 433,92 MHz, 2 channels, with built-in transmitter	176
OX2TFM	Prewired receiver 868,46 MHz, 2 channels, with built-in transmitter	176
OX4T	Universal receiver 433,92 MHz, 4 channels, with built-in transmitter	176
OXI	Receiver with connector, 433,92 MHz, 4 channels, without built-in transmitter	176
OXIFM	Receiver with connector, 868,46 MHz, 4 channels, without built-in transmitter	176
OXIT	Receiver with connector, 868,46 MHz, 4 channels, with built-in transmitter	176
OXITFM	Prewired receiver 868,46 MHz, 4 channels, with built-in transmitter	176
PHW	Pair of wireless photocells with built-in photovoltaic panel	208
PHWA1	Pair of adapters for PHW on PPH1 posts	208
PIU	Expansion card for additional functions of control unit	220
PLA10	Mechanical accessory, Vertical 12 V electric lock	21
PLA11	Mechanical accessory, Horizontal 12 V electric lock	21
PLA13	Mechanical accessory, Mechanical travel stops for closing and opening manoeuvres	41
PLA14	Mechanical accessory, Screw-adjustable rear bracket	25
PLA15	Mechanical accessory, Screw-adjustable front bracket	25
PLA6	Mechanical accessory, Rear bracket 250 mm long	41

CODE	PRODUCT LINE	PAGE
PLA8	Mechanical accessory, Screw-adjustable front bracket	43
POA3	Spare control unit for HO7124	63
PPH1	Era Post, Outdoor aluminium post for 1 photocell medium and large, height 500 mm	202
PPH2	Era Post, Outdoor aluminium post for 2 photocells medium and large, height 1000 mm	202
PPH3	Era Post, Outdoor aluminium post for 1 photocell medium size, height 500 mm	202
PPH4	Era Post, Outdoor aluminium post for 2 photocells medium size, height 1000 mm	202
PPK	Era Post, Outdoor aluminium post for 1 selector, height 1100 mm	202
PS124	24 V battery with integrated battery charger	27
PS224	24 Vdc buffer battery	114
PS324	24 V battery with integrated battery charger (for motor in 24Vdc version)	21
PS424	Buffer battery	59
PS524	Charge card for 7 Ah batteries	33
PSY24	24 V battery box with control circuit and carry handle	207
PUL	Central cover with incorporated control buttons, complete with connecting cable and connector for A500	220
PW1	Heating element for the automation system	215
RB1000	Robus, Motor for sliding gates up to 1000 kg with control unit and electromechanical limit switch	92
RB1000P	Robus, Motor for sliding gates up to 1000 kg with control unit and inductive limit switch	92
RB250HS	Robus HS, Hi-Speed motor for sliding gates up to 250 kg with control unit and electromechanical limit switch	30
RB400	Robus, Motor for sliding gates up to 400 kg with control unit and electromechanical limit switch	92
RB400KCE	Robus, Kit for sliding gates up to 400 kg with control unit and electromechanical limit switch	94
RB500HS	Robus HS, Hi-Speed motor for sliding gates up to 500 kg with control unit and electromechanical limit switch	30
RB600	Robus, Motor for sliding gates up to 600 kg with control unit and electromechanical limit switch	92
RB600KCE	Robus, Kit for sliding gates up to 600 kg with control unit and electromechanical limit switch	96

CODE	PRODUCT LINE	PAGE
RB600P	Robus, Motor for sliding gates up to 600 kg with control unit and inductive limit switch	92
RBA1	Accessory for sliding gates, Inductive limit switch	31
RBA3	Robus accessory, Spare control unit for RB400, RB600/600P, RB1000/1000P and RUN1500/1500P	93
RBA3/HS	Robus accessory, Spare control unit for RB250HS and RB500HS	31
RBA4	Road accessory, Spare control unit for RDKCE	99
RDKCE	Road, Kit for sliding gates up to 400 kg and leaves up to 6 m, with control unit and receiver	98
RN2010	Rondo, Reversible motor without brake for balanced rolling doors up to 130 kg	158
RN2020	Rondo, Reversible motor without brake for balanced rolling doors up to 180 kg	158
RN2030	Rondo, Irreversible motor with brake and release device for balanced rolling doors up to 130 kg	158
RN2040	Rondo, Irreversible motor with brake and release device for balanced rolling doors up to 180 kg	158
RNA01	Rondo Accessory, Electronic brake for RN2020 and RN2010	159
ROA6	M4 25x20x1000 mm slotted nylon rack with metal insert for gates weighingup to 500 kg	105
ROA7	M4 rack, zinc coated, 22x22x1000 mm	105
ROA8	M4 rack, 30x8x1000 mm, zinc coated with spacers and screws	105
ROA81	M6 rack, 30x30x1000 mm, zinc coated	105
RUA1	Spare control unit for RUN1800/1800P and RUN2500/2500P	103
RUA12	12-teeth pinion, module 6, to be coupled with rack ROA81	33
RUA2	Run accessory, Spare control unit for RUN2500I	103
RUA3	Run accessory, Spare inverter for RUN2500I	103
RUA6	Run accessory, Spare control unit for RUN400HS e RUN1200HS	33
RUN1200HS	Run HS, Hi-Speed motor for sliding gates up to 1500 kg, with control unit and electromechanical limit switch	32
RUN1500	Run, Motor for sliding gates up to 1500 kg, with control unit and electromechanical limit switch	100
RUN1500P	Run, Motor for sliding gates up to 1500 kg, with control unit and inductive limit switch	100

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RUN1800	Run, Motor for sliding gates up to 1800 kg, with control unit and electromechanical limit switch	**102**
RUN1800P	Run, Motor for sliding gates up to 1800 kg, with control unit and inductive limit switch	**102**
RUN2500	Run, Motor for sliding gates up to 2500 kg, with control unit and electromechanical limit switch	**102**
RUN2500I	Run, Motor for sliding gates up to 2500 kg, with control unit, inverter and electromechanical limit switch	**102**
RUN2500P	Run, Motor for sliding gates up to 2500 kg, with control unit and inductive limit switch	**102**
RUN400HS	Run HS, Hi-Speed motor for sliding gates up to 400 kg, with control unit and electromechanical limit switch	**32**
S4BAR	Bar system for bars up to 4 m, with steel case with protective cataphoresis treatment and paint finish	**110**
S4BARI	Bar system for bars up to 4 m, with stainless steel case	**110**
SFAB2024	S-FAB, Motor for swing gates with leaves up to 2.3 m, underground installation	**72**
SFAB2024KCE	S-FAB, Kit for swing gates with leaves up to 2.3 m, underground installation	**74**
SFAB2124	S-FAB, Motor for swing gates with leaves up to 2.3 m with encoder, underground installation	**72**
SFAB2124KCE	S-FAB, Kit for swing gates with leaves up to 2.3 m, underground installation, BlueBUS, compatible with Opera	**76**
SFABBOX	Fab accessory, Externally foundation box, with cataphoresis paint finish	**72**
SIA1	S4BAR and WIDE accessory, Anchorage base with clamps	**111**
SIA2	WIDE accessory, Anchorage base with clamps	**123**
SLH400	Slight, Irreversible motor for sliding gates up to 400 kg with built-in control unit and absolute encoder	**89**
SLH400KCE	Slight Kit, Kit for sliding gates up to 400 kg, with control unit and absolute encoder, built-in LED light	**90**
SMX2R	Universal pre-wired receiver, 2 channels, with memory containing 256 codes- Smilo coding	**167**
SMXI	Universal pre-wired receiver, up to 4 channels, with memory containing 256 codes - Flo coding	**176**
SN6031	Spinbus, Motor for sectional doors and up-and-over garage doors, with built-in control unit, 800 N	**136**
SN6041	Spinbus, Motor for sectional doors and up-and-over garage doors, with built-in control unit, 1000 N	**136**
SNA1	Spinbus accessory, Spare control unit for SPIN10KCE and SPIN11KCE	**143**
SNA16	Spinbus accessory, Quick-connect brackets for ceiling mounting	**135**

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SNA2	Spinbus accessory, Spare control unit for SPIN20KCE, SPIN21KCE and SPIN22KCE	**139**
SNA20	Spinbus accessory, Spare control unit for SPIN23KCE	**141**
SNA3	Spinbus accessory, Spare control unit for SPIN30/SN6031	**135**
SNA30	Spinbus accessory, Preassembled 3 m guide	**136**
SNA31	Spinbus accessory, 1 m extension for guide SNA30	**136**
SNA4	Spinbus accessory, Spare control unit for SPIN40/SN6041	**135**
SO2000	Soon, Motor for sectional door up to 5 m, with absolute encoder	**148**
SOA2	Soon accessory, Spare control unit SO2000	**149**
SPA2	Spinbus accessory, Kit for unlocking from the outside with cable	**131**
SPA5	Spinbus accessory, Oscillating arm sliding on bearings with optimised structure for projecting up-and-over doors	**131**
SPA6	Spinbus accessory, Large 585 mm long connecting arm	**131**
SPA7	Spinbus accessory, Kit of two additional fixing brackets	**135**
SPIN10KCE	Spinkit, For sectional doors up to 8.8 m^2 and up-and-over doors up to 9.8 m^2. Guide in one 3-metre section	**142**
SPIN11KCE	Spinkit, For sectional doors up to 8.8 m^2 and up-and-over doors up to 9.8 m^2. 3 m pre-assembled guide	**142**
SPIN20KCE	Spinbuskit, For sectional doors up to 10.5 m^2 and up-and-over doors up to 11.8 m^2. Guide in one 3-metre section	**138**
SPIN21KCE	Spinbuskit, For sectional doors up to 10.5 m^2 and up-and-over doors up to 11.8 m^2. 3 m pre-assembled guide	**138**
SPIN22KCE	Spinbuskit, For sectional doors up to 10.5 m^2 and up-and-over doors up to 11.8 m^2. Guide in one 3-metre section + one 1-metre section	**138**
SPIN23KCE	Spinbuskit, For sectional doors up to 10.5 m^2 and up-and-over doors up to 11.8 m^2. 3 m pre-assembled guide. Compatible with Solemyo and Opera	**140**
SPIN30	Spinbus, For sectional doors up to 12.5 m^2 and up-and-over doors up to 11.8 m^2, 800 N	**134**
SPIN40	Spinbus, For sectional doors up to 12.5 m^2 and up-and-over doors up to 11.8 m^2, 1000 N	**134**
SPY550KCE	Spykit 550, for sectional doors up to 9 m^2 and up-and-over doors up to 10.5 m^2, 550 N	**130**
SPY650KCE	Spykit 650, for sectional doors up to 10,5 m^2 and up-and-over doors up to 11,5 m^2, 650 N	**132**
SPY800KCE	Spykit 800, for sectional doors up to 12,5 m^2 and up-and-over doors up to 14 m^2, 800 N	**132**

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SPYRAIL321	Spy accessory, 1 x 3,2 m rail with assembly accessories	130
SPYRAIL162	Spy accessory, 2 x 1,6 m rails with assembly accessories	130
SPYRAIL081	Spy accessory, 0.8 m extension with assembly accessories (to add to the SPYRAIL321 or SPYRAIL162 rails)	130
SU2000	Sumo, For sectional doors and two-wings sliding doors up to 35 m²	150
SU2000V	Sumo, For sectional doors and two-wings sliding doors up to 25 m², high speed	150
SU2000VV	Sumo, For sectional doors and two-wings sliding doors up to 15 m², super high speed	150
SU2010	Sumo, For sectional doors and two-wings sliding doors up to 35 m², IP54	150
SYA1	Solemyo accessory, Power supply unit for charging the battery PSY24 from the supply mains	207
SYKCE	Solar power kit comprising SYP photovoltaic panel and PSY24 battery box with charging control circuit	207
SYP	Photovoltaic panel for 24 V supply with maximum power 15 W	207
SYP30	Photovoltaic panel for 24 V supply with maximum power 30 W	207
TCA65	Sensitive edges accessory, Aluminium profile L=200 cm	210
TCB65	Sensitive edge in 10 m rolls	210
TCBS60	Passive sensitive edge in 10 m rolls	211
TCE	Sensitive edge accessory, Control interface for sensitive edge	210
TCF	Sensitive edge accessory, Scissors for cutting safety sensitive edges	210
TCK	Sensitive edge accessory, Kit for 8 sensitive edges composition	210
TCW1	Sensor for sensitive edge with wireless technology and battery power supply	209
TCW2	Sensor for sensitive edge with wireless technology and PV power supply	209
TN2010L	Ten, Upgraded motor for projecting and non projecting up-and-over doors, with control unit, absolute encoder and BlueBUS	144
TN2020L	Ten, Upgraded motor for projecting and non projecting up-and-over doors, without control unit	144
TN2030L	Ten, Upgraded motor for projecting and non projecting up-and-over doors, with control unit and receiver, mechanical limit switch	144
TNA1	Ten accessory, Spare control unit for TN2030L and TNLKCE	145
TNA2	Ten accessory, Spare control unit for TN2010L	145
TNA38	Ten accessory, Driving device for transmission shafts	145
TNA4	Ten accessory, 20x20 mm drive shaft (1500 mm long)	145
TNA5	Ten accessory, Pair of standard straight telescopic arms	145
TNA6	Ten accessory, Pair of standard curved telescopic arms	145
TNA8	Ten accessory, 20x20 mm drive shaft (200 mm long)	145
TNA9	Ten accessory, Additional connection cable and supports for wall-mounting of PS324 battery	145
TNLKCE	Ten, Upgraded kit for projecting and non projecting up-and-over doors with control unit, receivers and mechanical limit switch	146
TO4005	Toona, Motor for swing up to 3 m, with limit switch on opening, increased speed	40
TO4006	Toona, Motor for swing up to 3 m, with limit switch on opening and closing, increased speed	40
TO4015	Toona, Motor for swing up to 3 m, with limit switch on opening, cruising speed	40
TO4024	Toona, Motor for swing up to 3 m, mechanical stop on opening	40
TO4605	Toona, Motor for swing up to 3 m, limit switch on opening, increased speed	40
TO5015	Toona, Motor for swing up to 5 m, with limit switch on opening, cruising speed	42
TO5016	Toona, Motor for swing up to 5 m, with limit switch on opening and closing, cruising speed	42
TO5024	Toona, Motor for swing up to 5 m, mechanical stop on opening	42
TO5024HS	Toona 5 HS, Hi-Speed motor for swing up to 5 m, with magnetic encoder, mechanical stop on opening and closing	20
TO5024I	Toona, Motor for swing up to 5 m, mechanical stop on opening, for intensive use	42
TO5605	Toona, Reversible motor for swing up to 5 m, limit switch on opening, increased speed	42
TO6024HS	Toona 6 HS, Hi-Speed motor for swing up to 6 m, with magnetic encoder, mechanical stop on opening and closing	22
TO7024	Toona, Motor for swing up to 7 m, mechanical stop on opening and closing	44
TOONA4024KCE	ToonaKit, Kit for swing gates with leaves up to 3 m, surface mounted	46
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TT1L	Control unit for installations for lighting/irrigation systems, with radio receiver, IP55 protection	187
TT1N	Control unit for a 230 Vac motor, with radio receiver, IP55 protection	187
TT2D	Control unit for installations for 230 Vac lighting systems, with receiver and switching module	186
TT2L	Control unit for installations for 230 Vac lighting systems, with receiver	186
TT2N	Miniaturized control unit for a 230 Vac motor, with radio receiver	186
TTX4	Recessed transmitter, 4 channels, with mains power	185
TTXB4	Recessed transmitter, 4 channels, with long battery life power	185
TUB3500	Tub, Motor for sliding gates up to 3500 kg, with built-in Mindy A500 control unit	104
TW1	Regulation thermostat for PW1	215
WA10	Bars accessory, Red adhesive reflector strips	111
WA11	Bars accessory, Adjustable stand for bars	111
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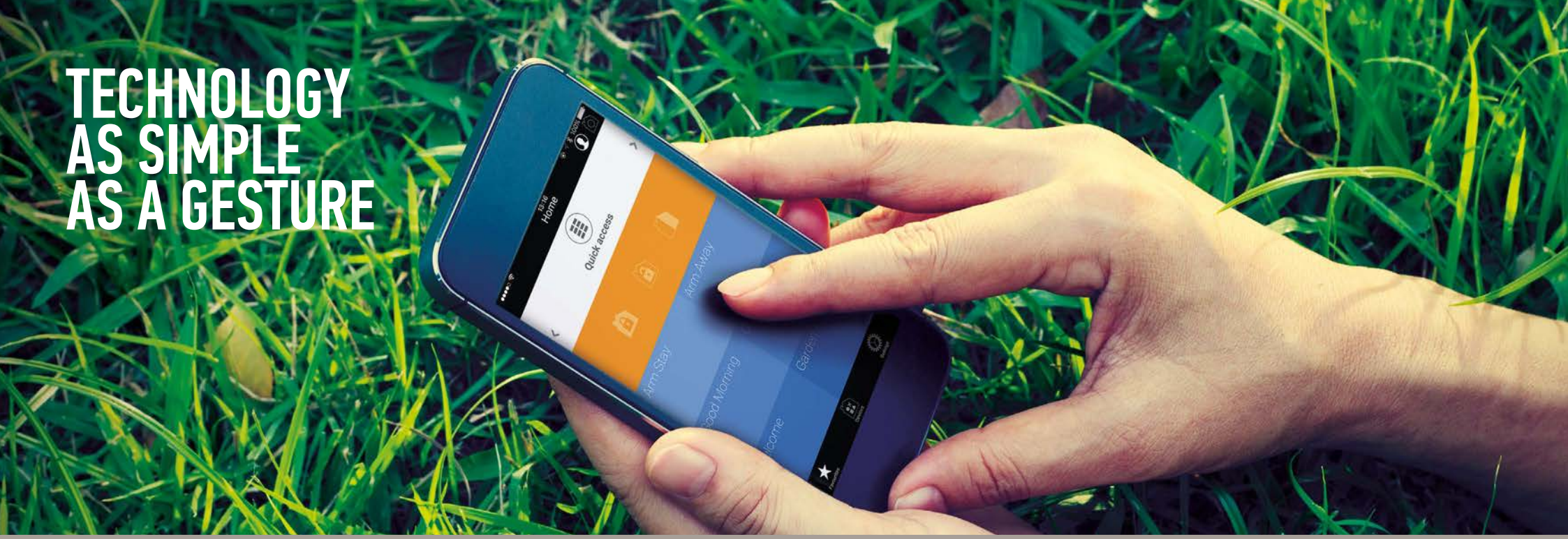

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