

# NICE FAB FAMILY. STRONG, RELIABLE, INVISIBLE.

THE NEW FAMILY OF UNDERGROUND MOTORS  
FOR SWING GATES OF ALL SIZES.  
SO DISCRETE NOT BE SEEN.



Nice

# NICE FAB FAMILY, THE RENEWED RANGE OF MOTORS FOR SWING GATE AUTOMATIONS WITH UNDERGROUND INSTALLATION.

SMALL OR LARGE, CHOOSE THE AUTOMATION MODEL THAT BEST SUITS YOUR GATE.  
WITH EVEN MORE RESISTANT FOUNDATION BOXES.

## X-FAB

For swing gates with leaves up to 2.3 m, the most compact.

Irreversible electromechanical 24 Vdc gear motor, ideal for intensive use.

UP TO **2.3** M



## M-FAB

For swing gates with leaves up to 3 m.

Irreversible electromechanical gear motor, also available in 24 Vdc version, with magnetic encoder.

UP TO **3** M



## L-FAB

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



UP TO **4** M

## BIG-FAB

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



UP TO **5** M

# X-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 cathaphoresis 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.

WATERPROOF, WITH IP67 PROTECTION RATING



## XME2024, compatible with the control unit Moonclever MC424L, and for operation with Solemyo system:

- 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.

## XME2124 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 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.



FOUNDATION STEEL BOX WITH CATAPHORESIS PAINT FINISH

CODE	DESCRIPTION	PACK/PALLET
XME2024	IRREVERSIBLE, 24 Vdc	18
XME2124	IRREVERSIBLE 24 Vdc VERSION WITH MAGNETIC ENCODER	18
XMBOX	EXTERNALLY FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH. COMPLETE WITH LEAF COUPLING LEVER AND MECHANICAL STOPS ON OPENING AND CLOSING	18
XMETRO2024KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION. COMPATIBLE WITH SOLEMYO SYSTEMS	12
XMETRO2124KCE	KIT FOR SWING GATES WITH LEAVES UP TO 2.3 m, 24 Vdc, UNDERGROUND INSTALLATION. WITH BLUEBUS TECHNOLOGY, COMPATIBLE WITH SOLEMYO AND OPERA SYSTEMS	12

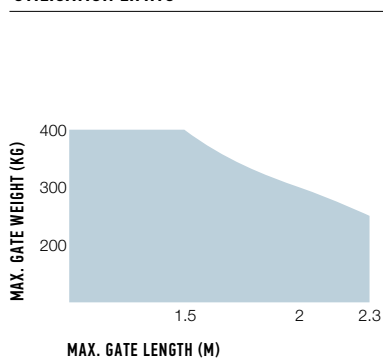
N.B. The content of the package may vary; consult the retailer.

## TECHNICAL SPECIFICATIONS

CODE	XME2024	XME2124
<b>ELECTRICAL DATA</b>		
POWER SUPPLY (Vdc)	24	
ABSORPTION (A)	5	
POWER (W)	120	
<b>PERFORMANCE DATA</b>		
SPEED (rpm)	1.25	
TORQUE (Nm)	250	
WORK CYCLE (CYCLES/HOUR)*	60	
<b>DIMENSIONAL AND GENERAL DATA</b>		
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20° ÷ +50°	
DIMENSIONS (mm)	235x206x96.5 h	
WEIGHT (kg)	6	

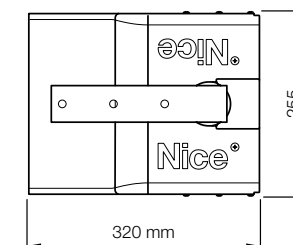
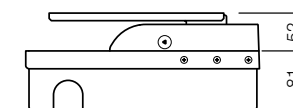
\* The indicated value has to be halved if the opening is up to 180°.

## 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

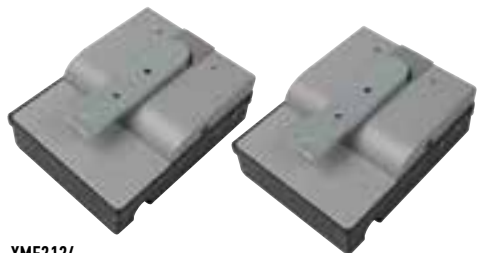


# X-FABKIT 2024

SOLEMYO 24V



THE XMETRO2024KCE KIT CONTAINS:



**XME2124**  
2 GEAR MOTORS.  
**XMBOX**  
2 FOUNDATION BOXES.



**ON2E**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.



**MC424L**  
1 CONTROL UNIT WITH OXI  
PLUG-IN RECEIVER.



**MOF**  
1 PAIR OF PHOTOCELLS  
FOR OUTDOOR INSTALLATION.



**MOSE**  
1 KEY SELECTOR SWITCH  
FOR OUTDOOR INSTALLATION.



**ML24T**  
1 FLASHING LIGHT  
WITH INTEGRATED AERIAL.



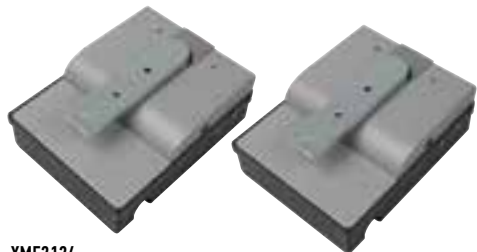
**TS**  
1 SIGNBOARD.

# X-FABKIT 2124

SOLEMYO OPERA BLUEBUS 24V



THE XMETRO2124KCE KIT CONTAINS:



**XME2124**  
2 GEAR MOTORS.  
**XMBOX**  
2 FOUNDATION BOXES.



**ON2E**  
1 TRANSMITTER  
433.92 MHz, 2 CHANNELS.



**MC824H**  
1 CONTROL UNIT WITH OXI  
PLUG-IN RECEIVER.



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



**MOSE**  
1 KEY SELECTOR SWITCH  
FOR OUTDOOR INSTALLATION.



**MLBT**  
1 FLASHING LIGHT  
WITH INTEGRATED AERIAL.



**TS**  
1 SIGNBOARD.



# 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 version with magnetic encoder.

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

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

- in stainless steel (MECX), ideal for use in extreme conditions,
- with **cataphoresis paint finish** (MECF), 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 ME3024 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
<b>ME3024</b>	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
<b>ME3000</b>	IRREVERSIBLE, 230 Vac, HIGH SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18
<b>ME3000L</b>	IRREVERSIBLE, 230 Vac, LOW SPEED, GREASE LUBRICATION, COMPLETE WITH CONNECTING LEVER AND MECHANICAL STOP FOR THE CLOSING MANOEUVRE	18

CODE	DESCRIPTION	PACK/PALLET
<b>MECX</b>	EXTERNALLY CHAMFERED FOUNDATION BOX IN STAINLESS STEEL, WITH MECHANICAL STOP ON OPENING	20
<b>MECF</b>	EXTERNALLY CHAMFERED FOUNDATION BOX WITH CATAPHORESIS FINISH, WITH MECHANICAL STOP ON OPENING	20

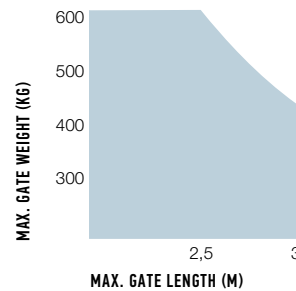
**NOTE:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

## TECHNICAL SPECIFICATIONS

CODE	ME3024	ME3000	ME3000L
<b>ELECTRICAL DATA</b>			
POWER SUPPLY (Vac 50 Hz)*	-	-	230
POWER SUPPLY (Vdc)	24	-	-
ABSORPTION (A)	5	1.2	1.3
POWER (W)	120	250	300
<b>PERFORMANCE DATA</b>			
SPEED (rpm)	1.4	1.14	0.8
TORQUE (Nm)	250	300	250
WORK CYCLE (CYCLES/HOUR)**	76	30	20
<b>DIMENSIONAL AND GENERAL DATA</b>			
PROTECTION LEVEL (IP)	67		
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50		
DIMENSIONS (mm)	390x322x194.5 h		
WEIGHT (kg)	11		

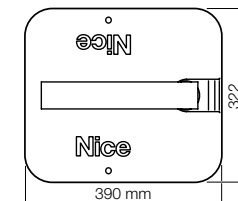
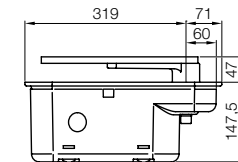
\*60 Hz version available on request. \*\*The indicated value has to be halved if the opening is up to 180° - by using the MEA1 accessory.

## 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



# L-FAB

NEW 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 version with magnetic encoder and mechanical stops.

Foundation boxes with mechanical stop on opening:

- in stainless steel (BMBOX4I), ideal for use in extreme conditions,
- with cataphoresis paint finish (BMBOX4), 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, BM4024 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.

BM4000 model is compatible with the control units A6F and A60.



### BMA2 - ACCESSORY

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

PC/PACK. 4



CODE	DESCRIPTION	PACK/PALLET
BM4000	IRREVERSIBLE 230 Vac WITH BUILT-IN MECHANICAL STOPS ON CLOSING	18
BM4024	IRREVERSIBLE 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOPS ON CLOSING	18
BMBOX4	FOUNDATION BOX WITH CATAPHORESIS PAINT FINISH FOR BM4000 AND BM4024 WITH BUILT-IN MECHANICAL STOP ON OPENING. COMPLETE WITH LEAF COUPLING LEVER	18
BMBOX4I	STAINLESS STEEL FOUNDATION BOX FOR BM4000 AND BM4024 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.

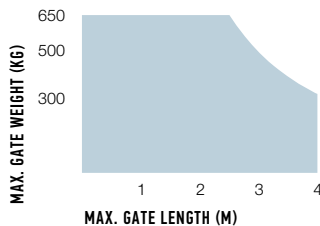
### TECHNICAL SPECIFICATIONS

CODE	BM4024	BM4000
<b>ELECTRICAL DATA</b>		
POWER SUPPLY (Vac 50 Hz)*	-	230
POWER SUPPLY (Vdc)	24	-
ABSORPTION (A)	5	1.5
POWER (W)	120	340
<b>PERFORMANCE DATA</b>		
SPEED (rpm)	1	0.8
TORQUE (Nm)	300	500
WORK CYCLE (CYCLES/HOUR)**	60	20
<b>DIMENSIONAL AND GENERAL DATA</b>		
PROTECTION LEVEL (IP)	67	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	400x325x152 h	
WEIGHT (kg)	12.5	14.3

\*60 Hz version available on request. \*\* The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

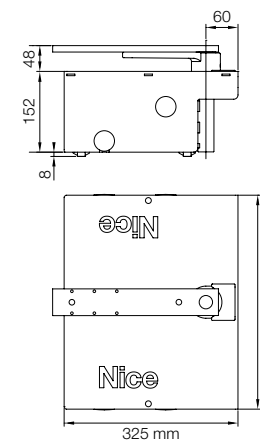
FOUNDATION BOX	BMBOX4
WEIGHT (kg)	14.4

### UTILISATION LIMITS: BM4000 - BM4024



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



# 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 stops.

**Chamfered foundation boxes** with mechanical stop on opening:

- in stainless steel (BMBOXI), ideal for use in extreme conditions,
- with cataphoresis paint finish (BMBOX), 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.



### BMA2 - ACCESSORY

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

PC/PACK. 4



CODE	DESCRIPTION	PACK/PALLET
<b>BM5024</b>	IRREVERSIBLE, 24 Vdc, WITH MAGNETIC ENCODER, WITH MECHANICAL STOPS ON CLOSING	18
<b>BMBOX</b>	FOUNDATION BOX, WITH CATAPHORESIS PAINT FINISH, WITH BUILT-IN MECHANICAL STOPS ON OPENING	18
<b>BMBOXI</b>	STAINLESS STEEL FOUNDATION BOX, WITH BUILT-IN MECHANICAL STOPS ON OPENING	18

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

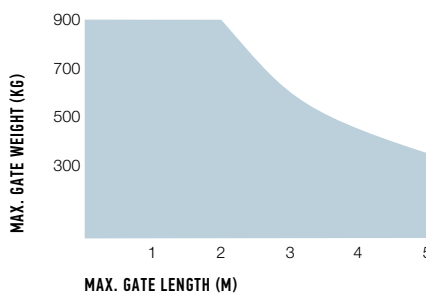
### TECHNICAL SPECIFICATIONS

CODE	BM5024
<b>ELECTRICAL DATA</b>	
POWER SUPPLY (Vdc)	24
ABSORPTION (A)	7
POWER (W)	170
<b>PERFORMANCE DATA</b>	
SPEED (rpm)	0.8
TORQUE (Nm)	400
WORK CYCLE (CYCLES/HOUR)*	45
<b>DIMENSIONAL AND GENERAL DATA</b>	
PROTECTION LEVEL (IP)	67
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50
DIMENSIONS (mm)	400x325x152 h
WEIGHT (kg)	13.3

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

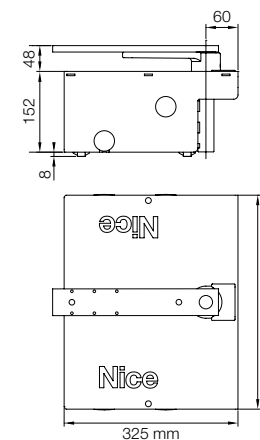
FOUNDATION BOX	BMBOX
WEIGHT (kg)	20.3

### 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





# ACCESSORIES FAB RANGE

## ACCESSORIES COMPLIANT WITH ALL FAB RANGE MOTORS

## FOR L-FAB AND BIG-FAB



**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



**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

## FOR M-FAB

## FOR X-FAB



**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



**PS124**  
24 V BATTERY  
WITH INTEGRATED  
BATTERY CHARGER.  
FOR MC424L.  
PC/PACK 1

# THE STRENGTH OF THE SUN, THE INTELLIGENCE OF WIRELESS TECHNOLOGY.

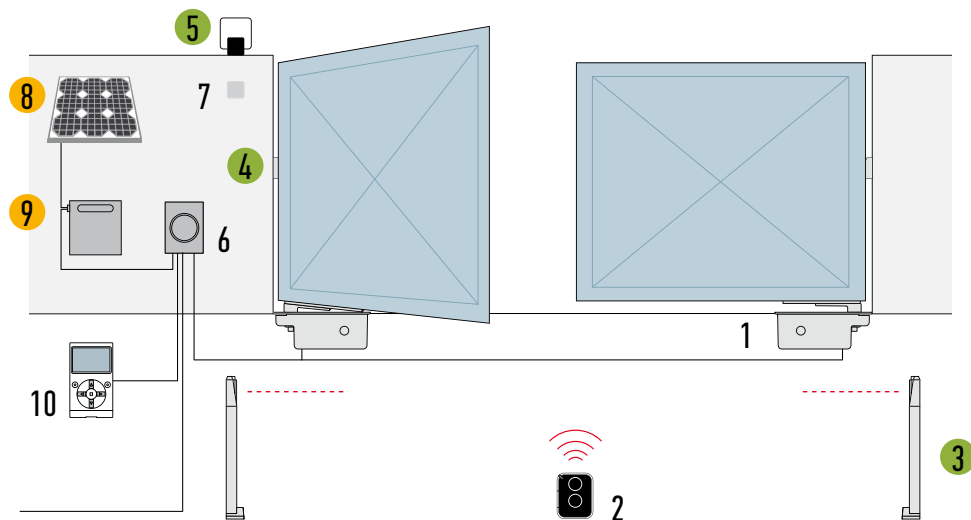
THANKS TO THE NICE WIRELESS AND SOLAR SYSTEM, THE INSTALLATION BECOMES SIMPLE AND FLEXIBLE; USE GOES ECOLOGICAL WITHOUT RENOUNCING SAFETY. NO NEED FOR WIRING: IDEAL DURING CURRENT OR FUTURE RESTORATION WORKS.



# NICE SOLEMYO AIR NET SYSTEM

## AUTOMATION SAFETY DEVICES BECOME WIRELESS CONTROL SYSTEMS!

Photocells and flashing lights all acquire a new function: power is supplied by means of a built-in miniature solar panel. The solar panel powers rechargeable batteries to ensure independent operation of the automation system in any conditions.



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

## EVER-MORE ELEGANT AND DISCRETE INSTALLATIONS



**Era Light Solemyo**, Flashing signal light.

**LLW**, wireless flashing light with built-in photovoltaic panel.  
Pc./pack. 1



**Solemyo Kit**, the solar power kit for the automation of gates, installable anywhere with no connections or excavations, even in the most remote places or difficult to access with mains electricity.

More information in the **Nice Gate&Door**.



**Era Photocell Solemyo**, photocell.

**PHW**, pair of wireless photocells with built-in photovoltaic panel.  
Pc./pack. 1



**Era Post Solemyo**, Solemyo Era Photocell post.

**PPH1**, photocell post, h. 50 cm.  
Pc./pack. 1

**PHWA1**, pair of adapters for PHW on PPH1 posts.  
Pc./pack. 1

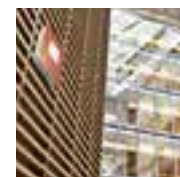
# NICE TOTAL CONTROL

INTEGRATED SOLUTIONS FOR THE HOME.  
EASE OF USE, AESTHETIC QUALITY, SAFETY.

NICE KEEPS THE HOME UNDER CONTROL  
WITH JUST A FEW, SIMPLE GESTURES.

THANKS TO THE NEW ERA TOUCH CONTROL UNIT,  
AUTOMATIONS FOR GATES, GARAGE DOORS  
AND ROLLING DOORS, AWNINGS AND SHUTTERS  
CAN ALL BE MANAGED THROUGH A SINGLE  
SUPPORT, AS LIGHTING AND ALARM SYSTEMS.

NICE IS INNOVATIVE SOLUTIONS  
THAT SIMPLIFY LIFE.



Nice

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Find out more about Nice  
products and services on the website:  
[www.niceforyou.com](http://www.niceforyou.com)



NiceLoveEarth

Nice cares for the environment.  
Using natural paper it avoids excessive  
use of raw materials and forest  
exploitation. Waste is reduced, energy  
is saved and climate quality is improved.