

# 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.

ALUMINIUM RELEASE HANDLE FOR EASY OPENING

COMPARTMENT FOR THE PULL-OUT CONTROL UNIT, PROTECTED BY CASING, AND FOR BUFFER BATTERIES



RB600/RB1000

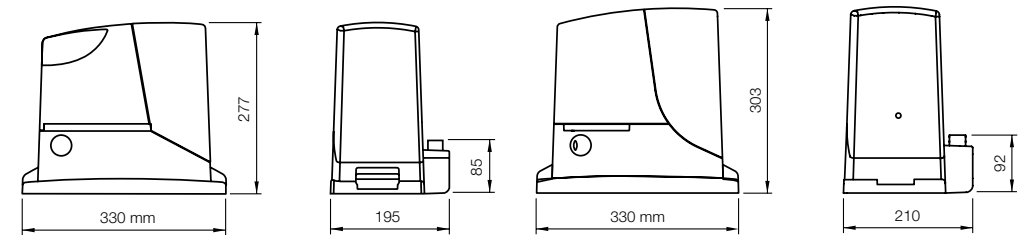
RB400

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

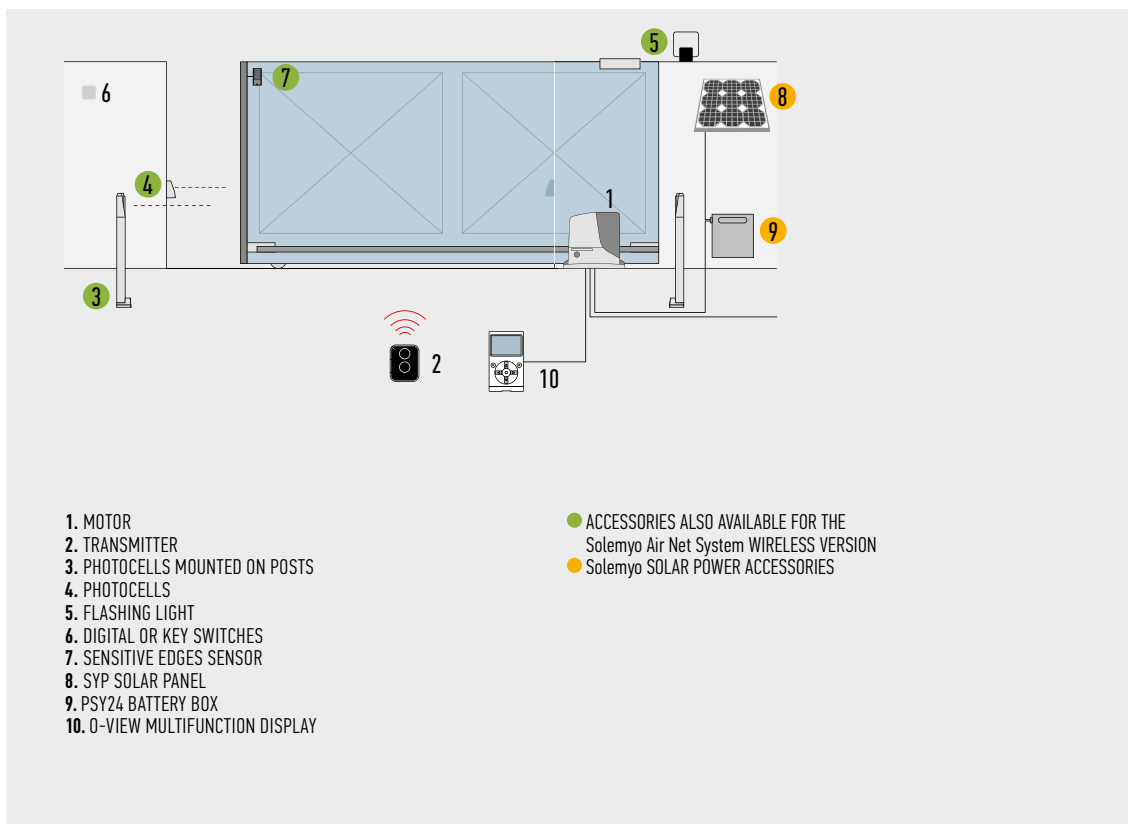
## DIMENSIONS



RB400

RB600/RB1000

## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	RECEIVER		TRANSMITTER				PHOTOCELLS						FLASHING LIGHT								
	Built-in*	FLOX12R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	F210B	EL	EL24	ELB	WLT
<b>RB400</b>			●								●	●	●			●	●			●	●
<b>RB600/600P</b>			●	●	●	●	●				●	●	●			●	●			●	●
<b>RB1000/1000P</b>			●	●	●	●	●				●	●	●			●	●			●	●

\*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



**KIT SOLEMYO**  
THE SOLAR POWER TO  
AUTOMATE GATES, GARAGE  
DOORS OR BARRIER GATES.  
SEE PAGE 200

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

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

Discover the complete range at page 184

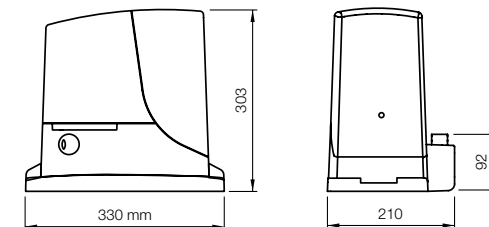
CODE	DESCRIPTION	PACK/PALLET
RB600KCE	KIT FOR THE AUTOMATION OF SLIDING GATES UP TO 600 kg, 24 Vdc, INCORPORATED CONTROL UNIT	14

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

## TECHNICAL SPECIFICATIONS

CODE	RB600
<b>ELECTRICAL DATA</b>	
POWER SUPPLY (Vac 50/60 Hz)	230
ABSORPTION (A)	2.5
POWER (W)	515
<b>PERFORMANCE DATA</b>	
SPEED (m/s)	0.31
FORCE (N)	600
WORK CYCLE (CYCLES/HOUR)	40
<b>DIMENSIONAL AND GENERAL DATA</b>	
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.



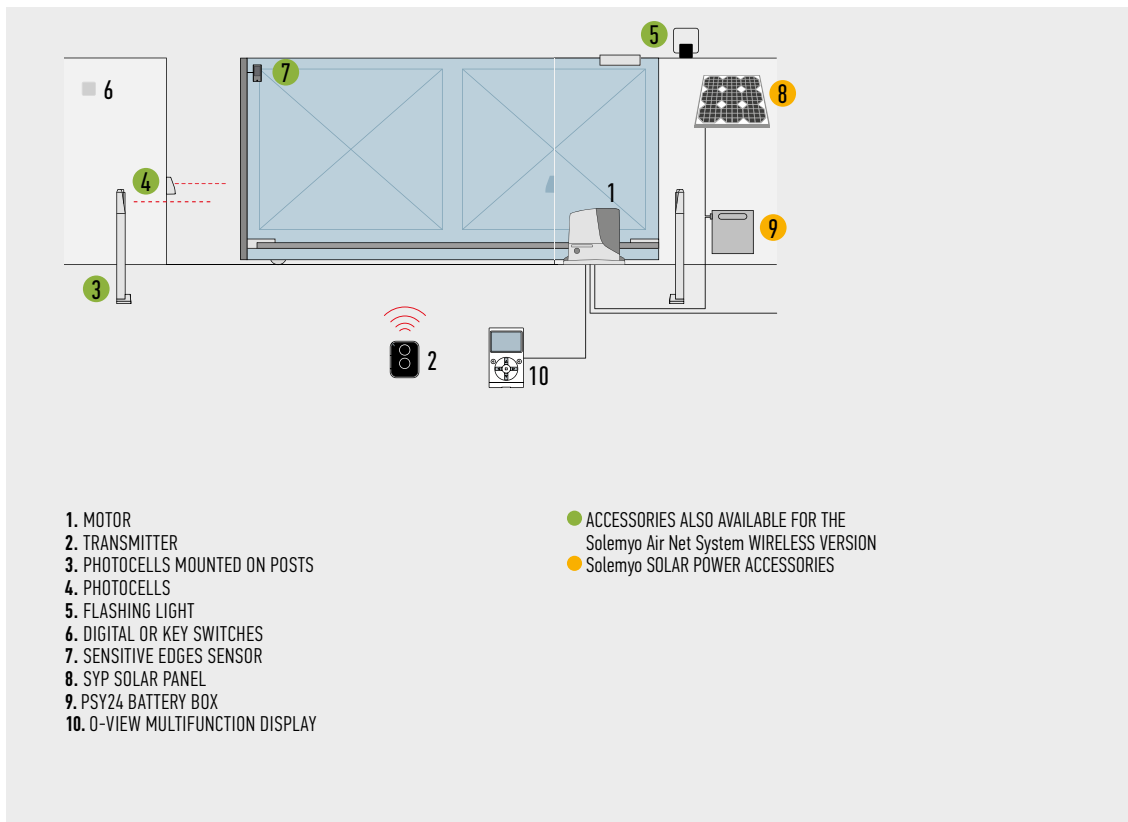
**ELB**  
1 FLASHING LIGHT WITH INTEGRATED AERIAL.



**TS**  
1 SIGNBOARD.



## INSTALLATION DIAGRAM



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



**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



 **KIT SOLEMYO**  
 THE SOLAR POWER TO  
 AUTOMATE GATES, GARAGE  
 DOORS OR BARRIER GATES.  
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FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
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