

Robus HS

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 7 couples of photocells, control, security and signalling devices, using two wires only.

Practical: control unit and buffer batteries PS124 (optional) connected by practical guided plug-in connector, housed in the gearmotor.

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.

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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.

Silent: 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

Nice **BiDirectional** products indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

Yubii is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 168.

COMMON ACCESSORIES



CORE

Nice Wi-Fi Radio Gateway.

Pc./Pack 1

IBT4N

Interface for connecting the O-View programming unit.

Pc./Pack 1

BIDI-ZWAVE

Plug-in communication interface between Z-Wave™ gateways and Nice motors.

Pc./Pack 1

IT4WIFI

Smart Wi-fi interface to manage gates and garage doors by smartphone (*).

Pc./Pack 1



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

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

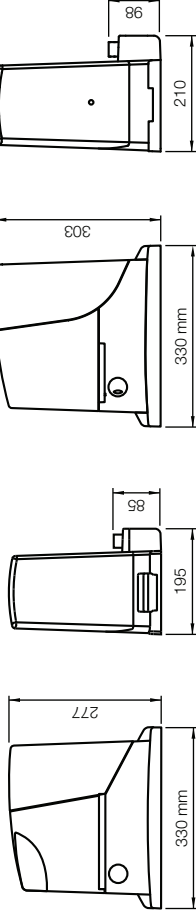
The solar power to automate gates, garage doors or barrier gates.

See page 229.

TECHNICAL SPECIFICATIONS

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
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 <<<
Force (N)	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

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver			transmitter										photocells				flashing light							
	Built-in*	OX1BD	OX1LR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NIGEWAY	EPS	EPM	EPL	EPFB	EPMB	EPLB	EPMOW	EPMOR	F210	F210	F210B	FT210B	ELAC	ELDC	WLT	
RB250HS																									
RB500HS																									

* Radio receiver incompatible with Opera system