

Robo

For sliding gates weighing up to 600kg.

Electromechanical gear motor surface mounted, also in 24Vdc version with magnetic encoder for gates up to 400kg.

Two versions with incorporated control unit and anti-crush safety feature for gates weighing up to 600kg, 230Vac: electronic clutch (RO1000); electric clutch (RO1010).

Long lasting and noiseless operation:

metal and bronze alloy gears.

Easy maintenance thanks to the pull-out terminal boards.

Easy to install: externally mounted, with sturdy, user-friendly plate.

Functionality and safety:

opto-insulated circuits **protect the electronics against external disturbance**; **optional PIU** board for expanding basic functions.

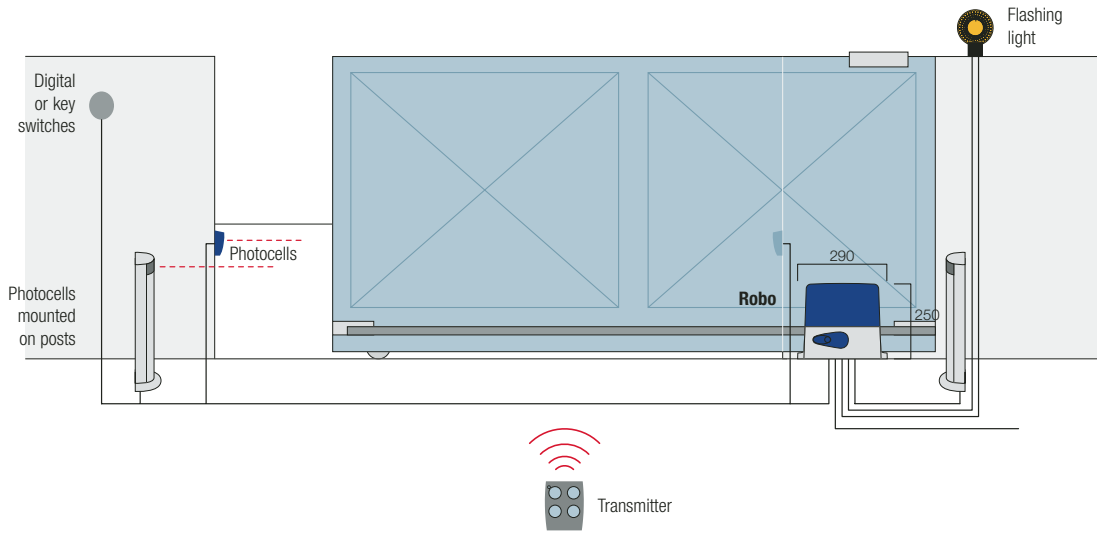
24Vdc version with magnetic encoder, perfect for intensive use

- easy programming by pressing a single button
- clutch with anti-crush safety feature
- automatic memorization of limit switches in opening and closing with self-learning function
- pause time programming; partial opening; slowdown during opening and closing
- the system will operate during a blackout by means of rechargeable batteries



Code	Description	Pack/pallet
RO1124	irreversible, 24Vdc, with incorporated control unit and with magnetic encoder	22
RO1000	irreversible, 230Vac, with incorporated control unit, electronic clutch	22
RO1010	irreversible, 230Vac, with incorporated control unit, electrical clutch	22

Technical specifications		RO1124	RO1000	RO1010
Power	(Vac 50Hz)		230	
Emergency power supply		24		-
Power absorbed	(W)	120		400
Current absorbed	(line) (A)	0.5		1.8
Current absorbed	(motor) (A)	5		1.8
Incorporated capacitor	(µF)	-		14
Protection level	(IP)		44	
Torque	(Nm)	10		17
Speed	(m/s)	0.20		0.18
Max thrust	(N)	330		560
Max gate weight	(kg)	400		600
Working temp.	(°C Min/Max)		-20 ÷ +50	
Thermal cut-out	(°C)	-		140
Insulation class			1	
Work cycle	(%)	80		30
Dimensions	(mm)		290x250x195	
Weight	(kg)		10	



Approximate draft

Accessories for R01000 / R01010



ROA3
spare control unit,
only card, for R01000



ROA4
spare control unit,
only card, for R01010



PIU
expansion card
for control unit

Pc/pack 1

Accessories for R01124



ROA2
spare control unit, only card,
for R01124



CARICA
plug-in card for battery
charger for use with A824

Pc/pack 1



B12-B
12V 6Ah batteries

Pc/pack 1



BA3-A
Nice box for batteries

Common accessories



L05
plastic rack 26x26x500mm,
for gates weighing up to 400kg

Pc/pack 10



ROA6
M4 25x20x1000mm slotted
nylon rack with metal insert

Pc/pack 10



ROA7
M4 rack, zinc coated,
22x22x1000mm

Pc/pack 10



ROA8
M4 rack, 30x8x1000mm,
zinc coated with spacers
and screws

Pc/pack 10



TS
signboard

Pc/pack 1

Nice recommends customers order products 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.