

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

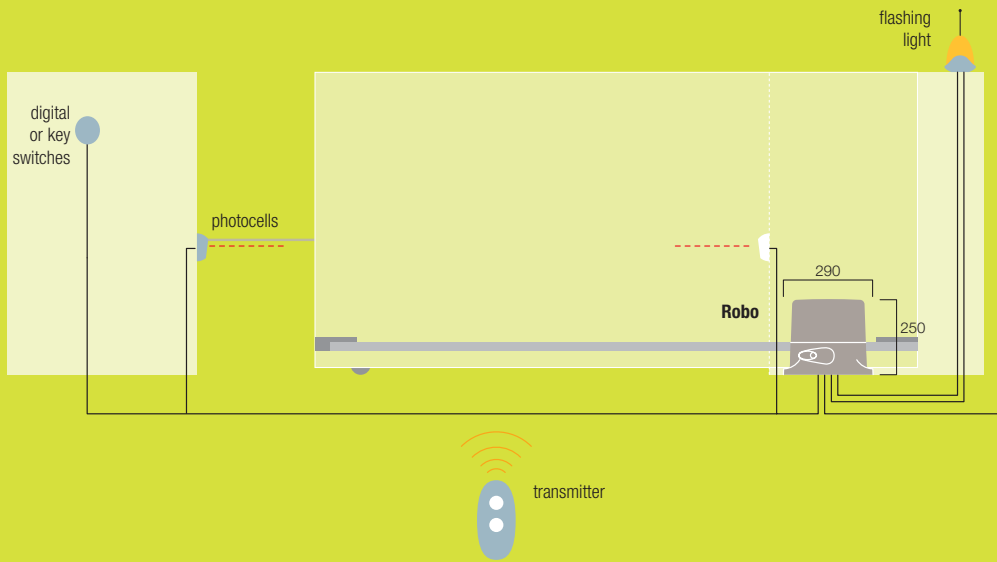
The exclusive Nice release is easy to operate in all climates and is supplied complete with a safety switch to cut operation



The sturdy aluminium base, complete with practical external mounting

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	(Vdc)	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 / R01020



PIU
expansion card for control unit
Pc/pack 1



ROA3
spare control unit, only card,
for R01000 and R01020



ROA4
spare control unit, only card,
for R01010

Accessories for R01124



ROA2
spare control unit, only card,
for R01124



CARICA
plug-in card for battery charger
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 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.