

Toona 4

For swing gates with leaves up to 3 m

Ideal for residential applications.

Electromechanical gear motor, surface mounted. Also available in 24 Vdc version, with magnetic encoder.

Reliability and durability over time: thanks to the housing, made up of two tough aluminium shells with polyester paint finish; more resistant to atmospheric agents.

Internal moving parts completely in steel, light alloys and technopolymers.

Silent: patented layout of internal parts and lead nut in bronze.

Generously sized and practical connection compartment: rapid and easy access from above to internal parts located in the upper section of the motor.

Simple installation and maintenance: with built-in capacitor.

Recommended control units: MC800, Moonclever MC824H for TO4024.

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;
- automatic memorization of limit switches on opening and closing with self-learning function;
- 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.

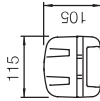
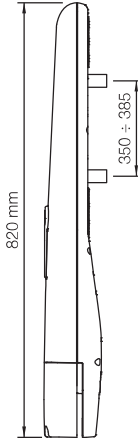
Nice **Bidirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of Bidirectional products on page 176.

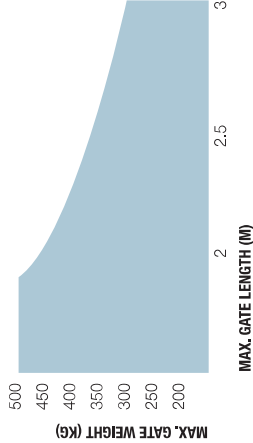
Yubii is the new Nice ecosystem that connects all the automations in the home. Discover all the benefits of the Yubii system on page 170.



DIMENSIONS



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.

COMMON ACCESSORIES

TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
T04024	Irreversible, 24 Vdc, with magnetic encoder, mechanical stop on opening	20
T04005	Irreversible, 230 Vac, increased speed, with limit switch on opening	20
T04006	Irreversible, 230 Vac, increased speed, with limit switch on opening and closing	20
T04015	Irreversible, 230 Vac, cruising speed, with limit switch on opening	20
T04605	Reversible, 230 Vac, increased speed, with limit switch on opening	20

Code	T04024	T04005	T04006	T04015	T04605
ELECTRICAL DATA					
Power supply (Vac 50 Hz)*	-	230			
Power supply (Vdc)	24				
Absorption (A)	5	1.5	340		1.3
Power (W)	120				300
PERFORMANCE DATA					
Speed (m/s)		0,016		0,013	0,016
Force (N)			1800		
Work cycle (cycles/hour)	95**	58		54	50
DIMENSIONAL AND GENERAL DATA					
Protection level (IP)			44		
Working temp. (°C Min/Max)			-20 ÷ +50		
Dimensions (mm)			820x115x105 h		
Weight (kg)			6		

* 60 Hz version available on request.

** With optimal installation.

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver							transmitter				photocells								flashing light							
	MC200 / Built-in*	MC800 / OX1 / OX1R	DP0500 / OX1 / OX1R	DP0924 / OX1 / OX1R	MC424L / Built-in* / OX1 / OX1RBD / OX1LR	MC824H / OX1 / OX1RBD / OX1LR	MC824HR / OX1 / OX1RBD / OX1LR	ERA INT1	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EFMOW	F210	F210	F210B	F210B	ELAC	ELDC	WLT
T04024																											
T04005																											
T04006																											
T04015																											
T04605																											

* Radio receiver incompatible with Opera system



CORE

Nice Wi-Fi-Radio Gateway.

Pc./Pack 1



IBT4N

Interface for connecting the O-View programming unit.

Pc./Pack 1



IT4WIFI

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

Pc./Pack 1



PLA6

Rear bracket 250 mm long.

Pc./Pack 1



PLA14

Screw-adjustable rear bracket.

Pc./Pack 2



PLA15

Screw-adjustable front bracket.

Pc./Pack 2



PLA11

Horizontal 12 V electric lock.

Pc./Pack 1



PLA13

Mechanical travel stops for closing and opening manoeuvres.

Pc./Pack 4



TS

Signboard.

Pc./Pack 1



PS324

24 V battery with integrated battery charger.

Pc./Pack 1



SOLEMYO KIT

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

See page 229.

* Not compatible with the Solemyo kit and PS324