

L-Fab

For swing gates with leaves up to 4 m, underground installation

Reliability and resistance



Waterproof, with IP67 protection rating

Irreversible electromechanical gear motor, also available in 24 Vdc versions with magnetic encoder and mechanical stop.

Foundation boxes with mechanical stop on opening:

- **in stainless steel** (LFABBOX4I), ideal for use in extreme conditions;
- **with the cataphoresis paint finish** (LFABBOX4), highly resistant to corrosion.

Total freedom of choice: release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

Simple installation: built-in mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

Ideal for intensive use, LFAB4024 model is compatible with the control unit Moonclever MC824H, with BlueBUS technology, Solemyo and Opera systems:

- 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.

LFAB4000 model is compatible with the control unit Moonclever MC800.

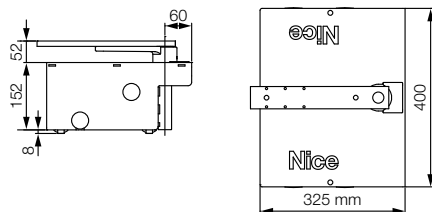
Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

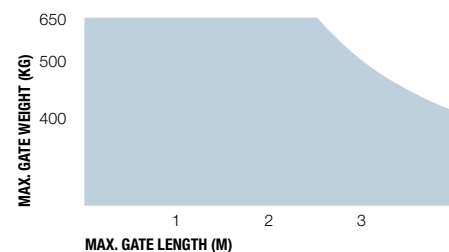
Yubii is the new Nice ecosystem that connects all the automations in the home.

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

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



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



BMA3
Lever-type key unlock system.
Pc./Pack 1



MEA5
Lever-type unlock key.
Pc./Pack 4



BMA1
Accessory for opening up to 360° for gates max. 3.5 m in length.
Pc./Pack 1



BMA2
Adaptors for a dual motor automation, compatible with the majority of foundation boxes on the market.
Pc./Pack 4



PLA10
Vertical 12 V electric lock (required for gates longer than 3 m).
Pc./Pack 1



PLA11
Horizontal 12 V electric lock (required for gates longer than 3 m).
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.

TS
Signboard.
Pc./Pack 1

* Not compatible with the Solemyo kit and PS324

TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
LFAB4000	Irreversible, 230 Vac, with mechanical stop on closing	18
LFAB4024	Irreversible, 24 Vdc, with magnetic encoder, with mechanical stop on closing	18
Code	Description	Pack/Pallet
LFABBOX4	Electrophoretic painted foundation box with mechanical limit switch in opening. Complete with leaf attachment lever	18
LFABBOX4I	Stainless steel foundation box with mechanical limit switch in opening. Complete with leaf attachment lever	18

Note: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

Code	LFAB4024	LFAB4000
ELECTRICAL DATA		
Power supply (Vac 50/60 Hz)*	-	230
Power supply (Vdc)	24	-
Absorption (A)	5	1,5
Power (W)	120	340
PERFORMANCE DATA		
Speed (rpm)	1	0,8
Torque (Nm)	300	500
Work cycle (cycles/hour)**	60	20
DIMENSIONAL AND GENERAL DATA		
Protection level (IP)	67	
Working temp. (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	400x325x152 h	
Weight (kg)	12,5	14,3

* With foundation box. ** The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

Foundation boxes	LFABBOX4
Weight (kg)	14,4

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver						transmitter						photocells						flashing light								
	MC200 / Built-in*	MC800 / OXLR	DR0600 / OXLR	DR0924 / OXLR	MC424L / Built-in*	MC824H / OXLR	MC824HR / OXLR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EPMOV	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
LFAB4000		•						•	•	•	•	•	•	•	•	•											
LFAB4024						•	•	•	•	•	•	•					•	•	•	•		•			•	•	

* Radio receiver incompatible with Opera system

For swing gates

For sliding gates

Barrier gate operator systems

For garage and industrial doors

Control systems and accessories

Compatibility table and alphabetical index