

L-Fab HS

For hi-speed automation of swing gates with leaves up to 4 m or 400 Kg



Reliability and resistance

Waterproof, with IP67 protection rating

Underground installation.

24 Vdc electromechanical gearmotor with magnetic encoder and mechanical stops.

 **Ideal for intensive use and quick manoeuvres:** 90° opening in about 6* seconds.

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 or outside, lever operated models, freely combinable and easy to operate with just one hand.

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

Ideal for intensive use, LFAB4024HS 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.

* Considering standard installation, excluding acceleration and deceleration.

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



IT4WIFI

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

Pc./Pack 1



PS324

24 V battery with integrated battery charger.

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



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



TS

Signboard.

Pc./Pack 1



SOLEMYO KIT

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

See page 229.

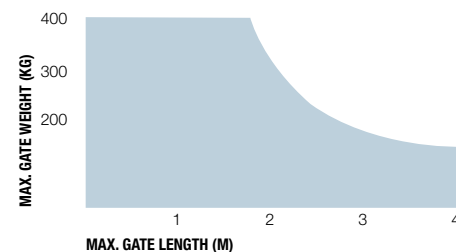
TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
LFAB4024HS	Non-reversible, 24 Vdc, fast, with magnetic encoder and mechanical limit switch in closing	18
Code	Description	Pack/Pallet
LFABBOX4	Foundation box with cataphoresis paint finish for LFAB4000, LFAB4024, LFAB4024HS with built-in mechanical stop on opening. Complete with leaf coupling lever	18
LFABBOX4I	Stainless steel foundation box for LFAB4000, LFAB4024, LFAB4024HS with built-in mechanical stop on opening. Complete with leaf coupling lever	18

Code	LFAB4024HS
ELECTRICAL DATA	
Power supply (Vdc)	24
Absorption (A)	7
Power (W)	170
PERFORMANCE DATA	
Speed (rpm)	>> 3 <<
Torque (Nm)	200
Work cycle (cycles/hour)	50**
DIMENSIONAL AND GENERAL DATA	
Protection level (IP)	67
Working temp. (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	375x225x110 h*
Weight (kg)	12,5
Code	LFABBOX4
Weight (kg)	14,4

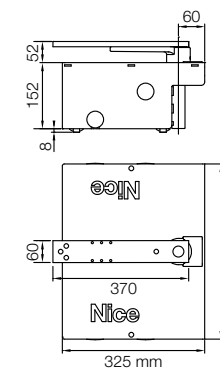
* With foundation box. ** The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

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.

DIMENSIONS



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver										transmitter				photocells				flashing light												
	MC200 / Built-in*	MC300 / OXLR	OXIBD / OXLR	DPRE00 / OXLR	OXIBD / OXLR	DPRE024 / OXLR	MC424L / Built-in*	OXIBD / OXLR	MC324H / OXLR	OXIBD / OXLR	MC324HR / OXLR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPFB	EPMB	EPLB	EPMDW	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
LFAB4024HS								•			•	•	•	•	•	•						•	•	•	•					•	•

* Radio receiver incompatible with Opera system

* Not compatible with the Solemyo kit and PS324

For swing gates
Hi-Speed series

For sliding gates

Barrier gate
operator systems

For garage
and industrial doors

Control systems
and accessories

Compatibility table
and alphabetical index