

Nice

Gate & Door

Gate, garage door and barrier
automation and control systems
catalogue.

2023 Catalogue



Nice Gate&Door

2023 Catalogue

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Nice



Why Nice

We're born with the simple gesture of welcoming: opening gates means inviting everyone to discover simple-to-use, easy-to-install projects, designed to improve well-being.

We create smart building management systems, we think innovative in substance and design-conscious in form.

Why Nice?

Because every day, Nice designs not only automations, but modular, customisable systems to make life safer, easier and more pleasant.



An international network.

We speak more than 20 languages, are present in 100 countries worldwide and have more than 30 nationalities.

We operate worldwide through direct subsidiaries, with 15 research centres able to transform the consumer's needs into efficient building management systems.

Our ever-growing, future-tuned spirit vibrates in our hub, TheNicePlace, dedicated to interaction and participation.



Design thinking, simple.

We are creative in imagining needs, pragmatic in finding solutions.

Making products has never been enough for us: we design solutions and methods to get the most out of life.

We are attentive to the inspiration that comes to us from the world to guide us in the design of connected, integrated networks, realising or anticipating needs.



The technology, smart.

Our approach to technology is people-centred: we design modular customisable systems for them, aware that everyone has different lifestyles and habits.

We like technology to be simple, to solve problems, to also meet the needs of a fragile public, to be nothing but the pleasure and safety of a building that dialogues with its occupants.

Nice

Nice, we design a sustainable future.

In line with the goals of the UN 2030 Agenda, we are committed to designing systems that encourage reduced environmental impact, combat energy waste and are produced with particular focus on the planet's ecological balance.



**Our planet is the Earth,
our home is the future.**

We design for a clean, sustainable, safe
future.





Life oriented

Our focus on sustainability is part of our active commitment to make the lives of those who choose Nice safer and more aware.

We develop projects that optimise management of natural light and heat; we implement systems to control energy consumption; we ensure safety and well-being by measuring air quality and the presence of harmful gases, offering integrated systems providing comprehensive management of buildings and improving their occupants quality of life.

Planet oriented

Our love for the Earth drives us to create systems to help control the energy consumption of buildings.

Our building management solutions are designed with sustainability in mind, to reduce environmental impact and boost energy efficiency. We develop control and management solutions for heating, cooling, and lighting and for monitoring electrical loads. We work alongside users to offer new models of aware well-being.

Future oriented

We make products aimed at reducing our footprint on the world and improving the quality of life.

We pay attention to environmental sustainability, so much so that we were the first to define guidelines for the life cycle of electric motors with the Life Cycle Assessment, obtaining international EPD (Environmental Product Declaration) certification.

We design safe, energy-efficient home automations using recycled materials. Our packaging is sustainable, made of 100% recyclable natural cardboard, with no plastic parts; our instructions are available in digital format.

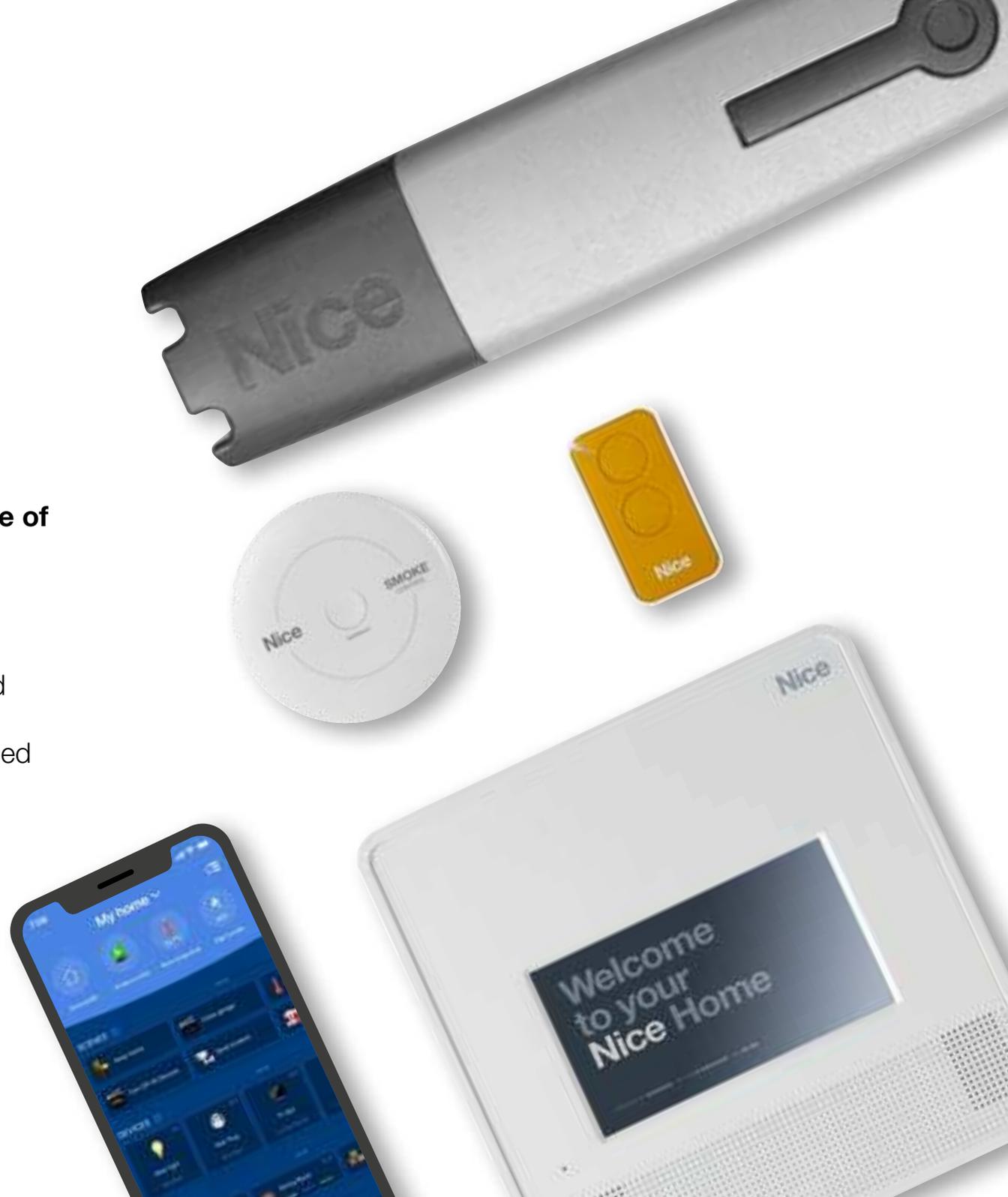
Nice

Concepts in splendid form.

Ease of use, reliability and flexibility: every one of our products is designed to provide the best in technology and the finest in design.

We believe in true design, the design that makes the function of an object simpler, more intuitive and more pleasing, born from the interaction between design, innovation and sensitivity, a design confirmed by prestigious awards and numerous international recognitions.

**The warranty on all Nice products
it is 3 years or 5 years for tubular motors.**



Nice

Dialogue with your home.

*"Hey Google,
open the gate"*

Can coming home be even easier?

Thanks to the connected automations, you can manage your home automations in total freedom and with ever greater personalisation. What's more, thanks to the new Nice interfaces, automations for previously installed gates and garage doors can also be integrated into the smart home system and controlled easily via Amazon Alexa, Google Assistant or Siri.

Life is simpler.

"Hey Google, close everything"

"Hey Google, did I close the garage?"

You can control your home automations by voice in commands in the simplest way possible, including from your smart watch or your car's infotainment system, via Amazon Alexa, Google Assistant or Siri.



The Nice smart home system is highly integrated and safe. It can guarantee maximum simplicity of use and peace of mind when managing your home automations even remotely, warning you if there's something wrong.

Even when far from home.



More control, including from your smartphone.

Via the Yubii or MyNice app, you can control all the automations even when you're far from home. You can also choose how to personalise your home to suit everyone's needs.



More automations, more convenience.

The programming and communication interfaces make it easy to integrate Nice Gate&Door systems into the smart home system. The automation becomes smart and can be controlled via smartphone, tablet or voice control with Amazon Alexa, Google Assistant or Siri.



BIDI-WIFI

Plug-in communication and programming interface to configure the automation via smartphone.



→ 26



BIDI-ZWAVE

Plug-in interface for communicating between the Z-Wave™ gateway and Nice motors.



→ 24



IT4WIFI

Smart Wi-fi interface to manage gates and garage doors remotely via smartphone.



→ 28

Are you sure you closed the garage?

The answer is at your fingertips.

Era One BD bidirectional remote controls provide feedback on automation status or receipt of a command via light, sound or vibration.

Era One BD

- With 3 radio channels and an “info” button, it can control three automations or automation groups,
- It indicates whether the garage/gate is open or closed with a coloured light,
- It confirms that the automation has received your command with vibration or a coloured light.

Control key

- **Green** Command received
- **Red** Command not received
- **Orange** Standby

i key + command

- **Green** Open
- **Red** Closed
- **Orange** Partially open

Bidirectional Era One incorporates an NFC tag.

Simply place your smartphone near the transmitter to find out the battery level and learn about the functions of the bidirectional system.





Want more from your automations?

More control, fewer worries.

By integrating your automations into the Nice ecosystem, you can live your home with more comfort and fewer worries.

Do you already have a Nice automation? Upgrade, it couldn't be easier!

With the **OXIBD** receiver, compatible with all Nice control units with SM connector and with all Nice radio protocols.

Is the gate or garage door motor not Nice?

With the **OX2UBP** hardware interface, installed together with OXIBD, third-party motors can also be integrated into the Yubii ecosystem.



Find out more on page → 186

Glossary and legend of symbols

BiDi

Bidirectional radio protocol

Allows two-way communication between the transmitter and receiver, providing safer signal transmission and the possibility of receiving feedback on command reception and automation status.

Yubii

Yubii ecosystem

Connects all new and existing Nice automations in the home and allows them to be controlled remotely via App.

→ 20

Find out more → yubii.niceforyou.com

Solemyo

Solemyo System

Solar power system for gate, garage door and road barrier automation systems without access to a mains power connection. Installable anywhere: without the need for connections or excavations, even in the most remote locations or those difficult to access with the power mains.

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Opera

Opera Control

To manage, programme and control automation systems, even remotely. The Opera system consists of the Inti, One and One BD transmitters, OXI and OXIBD receivers, O-Box connection interface and communication software. All components communicate via BUS-T4 or O-Code rolling code to guarantee safer transmissions.

BlueBus

Nice BlueBUS communication system

Allows all devices to be easily connected to the control unit with just two wires, by simply connecting them in parallel and selecting the addressing jumpers according to the required function.

BUS T4

BUS T4 connection

Communication protocol allowing creation of extensive networks of compatible automation systems, all managed from a single point via Nice programmers.



Systems for the smart home

The Yubii ecosystem	16
The home gets smart	18
Yubii Home	20
BiDi-ZWave	24
BiDi-WiFi	26
IT4WIFI	28
Programming units	30

Nice

Open to the future, the space gets smart.

Yubii, A single ecosystem to connect, simplify and control all home automations.

Connects automations via the Nice gateway to create personalised scenarios controlled either by smartphone or by setting a key on the bidirectional remote control.

Yubii[®] Home

The **Yubii Home** gateway makes it easy to integrate with over 3000 third-party interfaces.

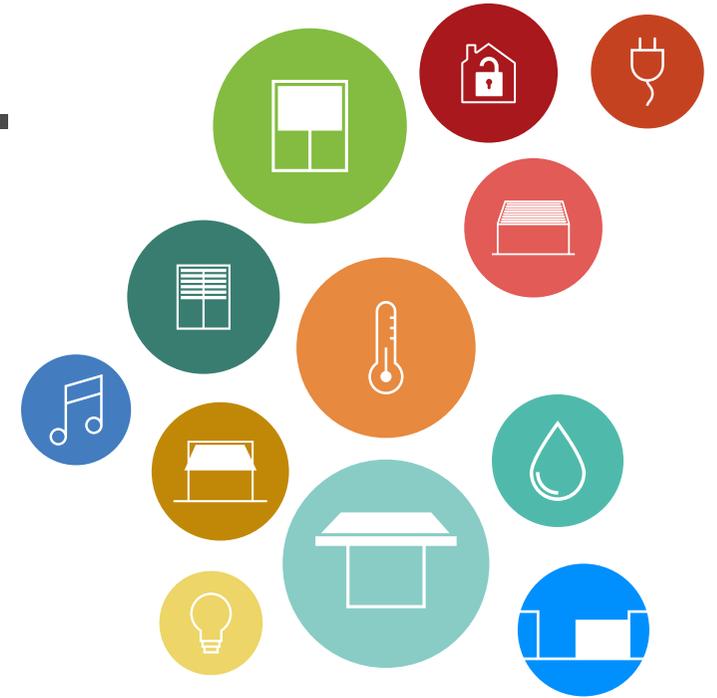




Nice

A new way of inhabiting spaces. The values of the Nice system.

Safe, efficient and comfortable: with the smart home system, the Nice experience becomes a personalised way of conceiving the home, able to adapt to the occupants' needs.



Wireless, as simple as it gets.

Nice technology is wireless, modern and safe. It allows completely non-invasive addition of new devices, without the need for refurbishment or building work.

There are numerous ready-to-use products and the ecosystem can be configured easily via the Yubii App, including from mobile devices.

Modular and complementary.

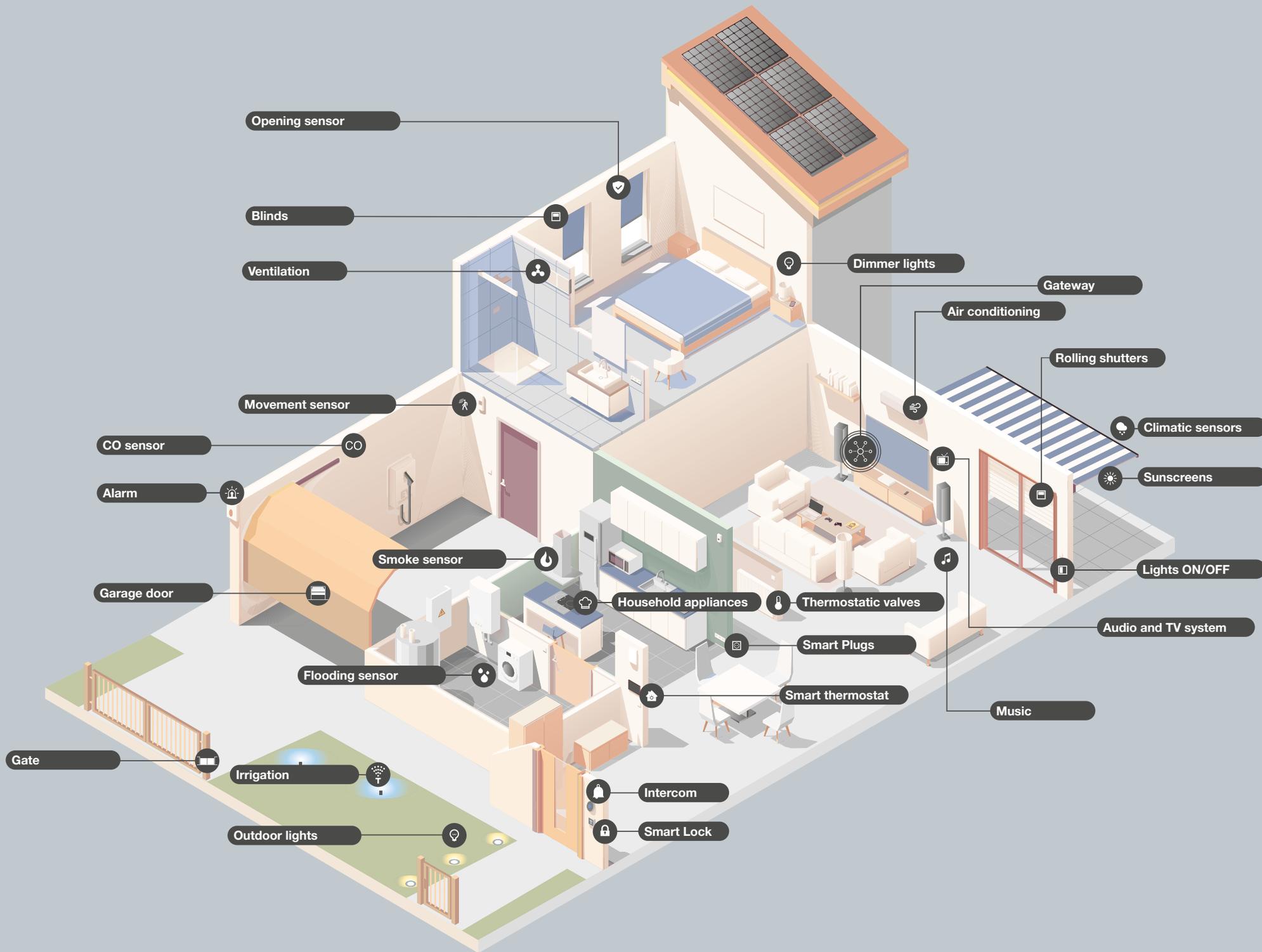
The Nice system is flexible and expandable; the ideal solution for anyone wanting to design the system step by step, according to available resources and the needs of the moment.

Our products form an ecosystem in which all devices communicate with each other, also integrating other-brand devices.

Always safe and under control.

With Yubii App, the customer can stay in touch with their home, managing it and controlling it from anywhere in the world.

Data is transmitted via an encrypted communication system guaranteeing the highest possible level of protection.



Nice

The Nice system: all functions at a touch.



A true all-in-one ecosystem
to seize a world of opportunities:

Yubii® Home

Yubii Home is the gateway connecting Nice, FIBARO and elero technologies and much else besides: it is open to integration with third-party devices via the Z-Wave protocol and management via voice assistants and, thanks to the 5 plug-ins, can also be extended via Wi-Fi protocol.

Compatible with:

Voice Assistant

Smartwatch

Car infotainment

It communicates via:

Z-Wave protocol



WiFi protocol



Nice Radio Protocol

elero Radio protocol



FIBARO
a Nice company

elero
Sun Shading Solutions Nice

Compatible with more than 3,000
other-brand smart devices.

To control and manage automations:



Yubii App

The new Yubii app provides the highest possible level of comfort and efficiency in home automation management.



Smart lighting management: dimmer, colour, effects, scenarios and timing.



BiDi-Switch

Unidirectional and bidirectional interface to manage lights and electrical loads with minimum power consumption.



BiDi-Dimmer

Unidirectional and bidirectional interface to control and dim the light.



Dimmer-Control

Universal module to regulate light intensity, compatible with a range of light sources.



ON/OFF-Control

Module for remote ON/OFF control of two circuits or appliances.



RGBW-Control

Light colour control module.

Total control of the home, maximum safety and smart heating management.



Flood-Control

Flooding and temperature sensor.



Smoke-Control

Smoke and temperature sensor.



CO-Control

Carbon monoxide and temperature detector.



Door/Window-Control

Door/window proximity and temperature sensor.



Heat-Control & Temp-Control

Thermove and sensor to regulate the temperature in the room.

Radio control of automations for awnings, blinds, rolling shutters, Venetian blinds, gates and garage doors.



BiDi-Shutter

Unidirectional and bidirectional multi-purpose interface for awnings, blinds, rolling shutters and Venetian blinds.



BiDi-Awning

Unidirectional and bidirectional interface for outdoor awnings.



Roll-Control

Module for controlling rolling shutters, sun awnings, Venetian blinds and rolling doors.



BiDi-ZWave

Plug-in communication interface for communicating between the Z-Wave gateway and Nice motors for gates and garage doors.

Management of electrical sockets, devices and radio controls.



Plug-Control

Smart socket for electrical devices with measurement of energy consumption.



Push-Control

Universal wireless button to activate up to six set scenarios.



Motion-Control

Multifunction wireless sensor with motion, temperature and light intensity functions.



Smart-Control

Small universal device, to make standard devices smart. With temperature sensor.

Nice

Yubii® Home

The gateway that manages and communicates with all smart devices in the home.

Also available in a KIT





WIRELESS



RELIABLE AND SAFE PROTOCOL



REMOTE CONTROL



VOICE ASSISTANT



COMPATIBILITY WITH SMART DEVICES



NICE GREEN INNOVATION

Yubii

BiDi

Z-Wave

Wi-Fi

Yubii Home is the heart of the smart home, a hub that takes care of the comfort and safety of the whole family:

- It receives data from the sensors, processes them and operates the automations accordingly based on your preferences.
- It can integrate and control lights, rolling shutters, gates, doors and windows, household appliances, heating and irrigation systems and multimedia devices, as well as detect water leaks, carbon monoxide and fires.

The home becomes a perfect, safe, smart and comfortable environment that can be managed through **automated scenarios** or **voice control** and from **smartphones, tablets** and **smart watches**.

Yubii Home lets you manage natural and artificial light and heating intelligently and, by monitoring electrical loads, it can also help boost your home's energy efficiency.

Yubii Home guarantees just the right level of comfort and control in every room, tailored to the needs of its occupants.



TECHNICAL SPECIFICATIONS

Code	Description	Pcs. Pack	Certificates
YH-001	Yubii Home Gateway	1	CE



Yubii Home is also available in the following kits:

YUBII SUN-LIGHT KIT	1 Yubii Home Gateway + 3 BiDi-Shutter	1	CE
YUBII ENERGY KIT	1 Yubii Home Gateway + 3 BiDi-Switch	1	CE
YUBII HEAT KIT	1 Yubii Home Gateway + 2 Heat-Control	1	CE
YUBII GATE&DOOR KIT	1 Yubii Home + 2 IBT4ZWAVE	1	CE

Code	YH-001
Power supply	5V DC, max. 1A (adapter included)
Operating temperature	0-40°C
Operating humidity	max. 75% relative humidity (without condensate)
Power connector	USB Micro B
Dimensions	178x110x31 mm

RADIO COMMUNICATION

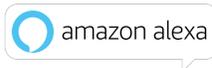
Protocol	Radio frequency	Maximum transmission power
Z-Wave (700 series)	868.0-868.6 MHz	+9 dBm
	869.7-870.0 MHz	
Wi-Fi (802.11 b/g/n)	2400.0-2483.5 MHz	+20 dBm
	433 MHz	
	433.05-434.04 MHz	
868 MHz	868.0-869.65 MHz	+5 dBm

Nice

Yubii ecosystem

Yubii, a true multifunction ecosystem for the smart home.

Compatible with over 3,000 third-party devices, including:



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Yubii App

You can use your smartphone and the Yubii app to manage all your smart home automations wherever you are.



Main features

Intuitive dashboard

Machine learning technology - smart suggestions

3 different colour versions

Safe access in every way

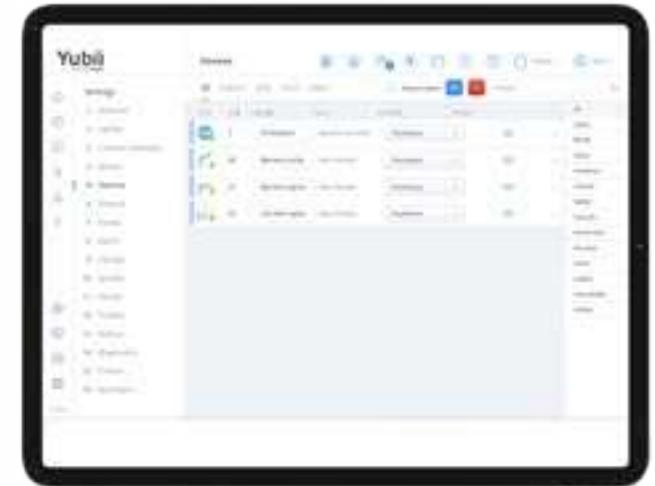
Control your home via Apple Siri and Apple Home Pod

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INSTALLERS

Yubii Web App

The Yubii Home configurator makes ecosystem management simple and intuitive, even remotely.

The web app is the most efficient way to perform remote maintenance on the customer's smart home system.



Main features

Encrypted passwords for total system safety

Access and monitor the system remotely

Create and restore backups

Check device communication and range

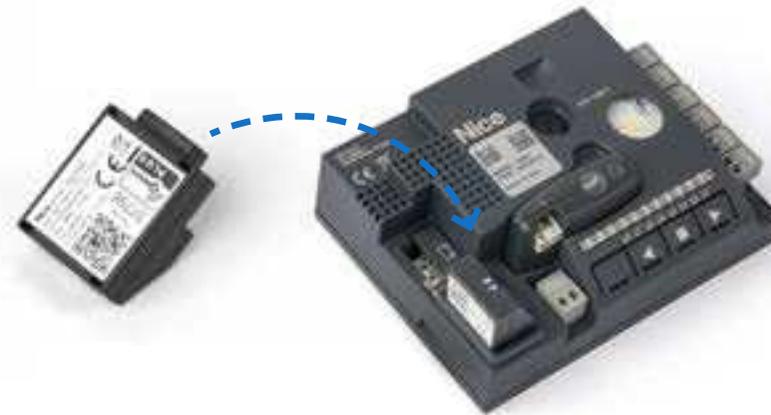
Check device battery status

Introduce system updates

Check product compatibility with your dealer.

BiDi-ZWave

Plug-in interface for communicating between the Z-Wave™ gateway and Nice motors.



BiDi-ZWave can be installed on Nice automations with BUS T4 connector to integrate and manage them through any Z-Wave™.

Easy to install: plug-in interface, no programming required.

With BiDi-ZWave, through the app and the home's Z-Wave™ gateway, you can:

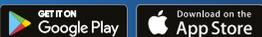
- **access the IoT functions,** the app will suggest the actions to be performed based on the information gathered from the user's habits;
- **manage automations using voice commands;**
- **obtain support for automation diagnostics and maintenance,** report the presence of anomalies or problems and suggest the measures to be taken.

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Yubii App

By using your smartphone and the Yubii app, you can manage all your Smart Home automations and Z-Wave devices wherever you are.



Voice Commands

Managing the home's automations is even easier, including from your smart watch or the car's infotainment system via Amazon Alexa, Google Assistant or Siri.



TECHNICAL SPECIFICATIONS

Code	Description	Pcs. Pack
BIDI-ZWAVE	Z-Wave plug-in interface	1

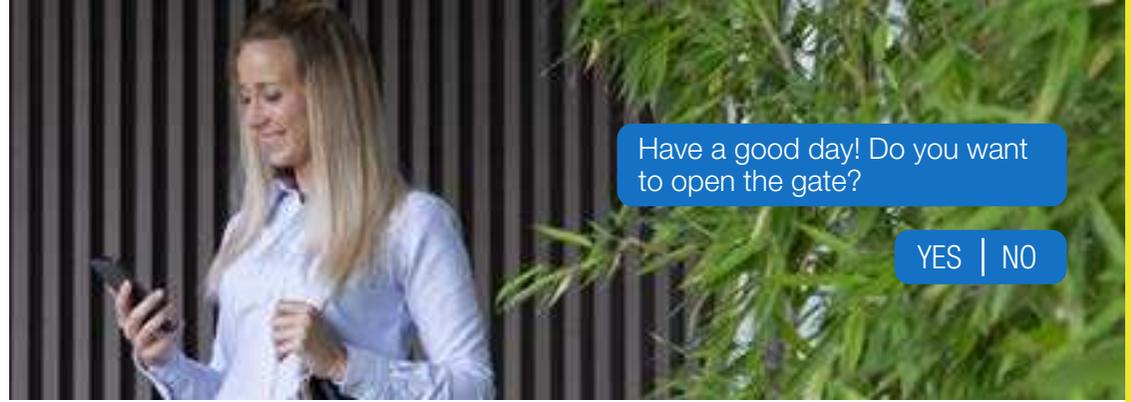
Code	BIDI-ZWAVE
Power supply	24V supplied by the control unit to which the BiDi-ZWAVE - IBT4ZWAVE is connected
Current draw (mA)	maximum 50
Radio transmission (MHz)	868.0 - 868.6 / 869.7 - 870.0
Antenna cable length (m)	1 / 3
Protection class (IP)	40
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	37x 28x21
Weight (g)	10

Z-Wave

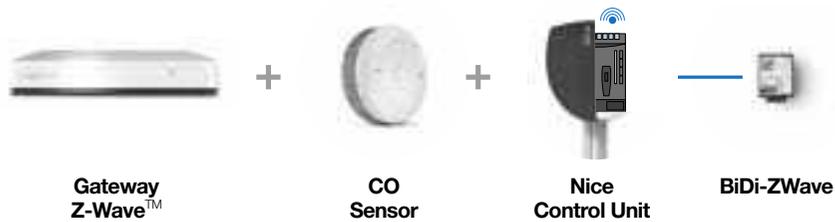
BUS T4

Nice

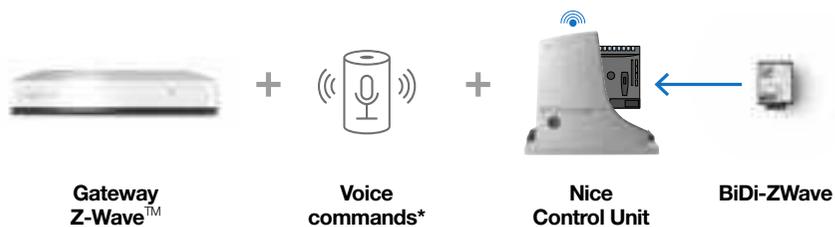
Gate Scenario: Morning Routine



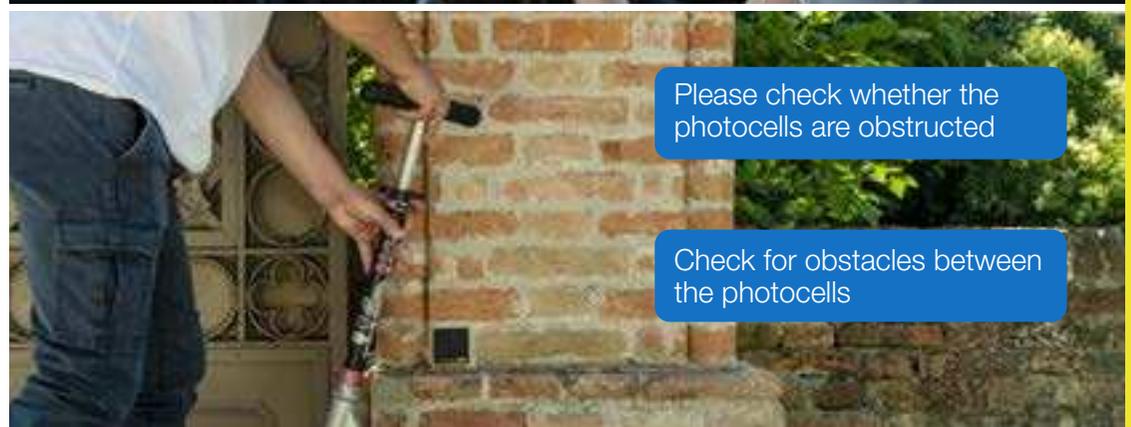
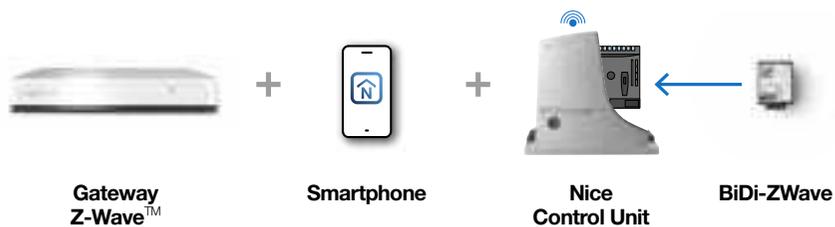
Gate Scenario: Hazard Prevention



Gate&Door Scenario: Voice Commands



Gate Scenario: Automation Diagnostics



*Voice commands via Siri through the Apple Shortcuts app, via Alexa and Google through their respective speakers and speaker apps.

BiDi-WiFi

Pocket-sized programming interface for controlling Nice automations by smartphone.



Voice Commands

Managing the home's automations is even easier, including from your smart watch or the car's infotainment system via Amazon Alexa, Google Assistant or Siri.



Wi-Fi

BUS T4

BiDi-WiFi is the easy, pocket-sized plug-in interface, compatible with all Nice automations for gates and garage doors with Bus-T4 connector.



BiDi-WiFi and the MyNice Pro programming app make installation configuration easy and efficient.

Programming the automation: plug in, configure and go.

Once plugged into the control unit, the BiDi-WiFi interface **automatically generates a WiFi network that allows the automation to be configured** via the **MyNice Pro app**, so all automation programming steps can also be carried out from the comfort of your own vehicle.

Manage the system easily.

Procedures guided by a **wizard** with a **description of the parameters displayed** as in an instruction manual. The **search function** lets you easily find the parameter you want to programme to complete the installation.

Dedicated cloud management. You can consult an overview of **interventions, geolocation** via map and **statistics**, to guarantee your customers a fast and efficient service and rapid response times.

Firmware update

By recognising the Gate&Door control unit, Nice technology lets you **update the firmware** and **view manuals** to easily access information on the automation throughout the intervention.



BiDi-WiFi and the MyNice app allow the gate and garage door to be managed locally or remotely with a smartphone or via a voice assistant, without a gateway.

Nice ProConnect.

When BiDi-WiFi is connected to the Nice cloud, via the MyNice app, the end user can enable the installer to manage the automation remotely, setting the times and authorisation level; full or partial automation management.

If enabled, the installer can intervene remotely via the MyNice Pro app, according to the authorisation received.

TECHNICAL SPECIFICATIONS

Code	Description	Pcs. Pack
BiDi-WiFi	Pocket programming interface	1

Code	BIDI-WIFI
Power supply	12-24V
Max. power draw (W)	1.2
Wi-Fi interface with internal antenna	802.11b/g/n – 2.4GHz client / AP (P < 20 dBm EIRP)
WiFi Safety	OPEN/WEP/WPA-PSK/WPA2-PSK
Protection class (IP)	40
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	43.9 x 27.5 x 21h
Weight (g)	15

Nice

BiDi-WiFi functions



Plug-in interface

Programming with MyNice Pro App



Remote control with MyNice App



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MyNice App



Controlling the gate and garage door by smartphone.



NEW!

The end customer can upgrade Core, BiDi-WiFi and IT4WiFi to implement important new features.

To configure BiDi-WiFi with the MyNice App, see the instructions on the Nice site.

<http://www.niceforyou.com/en/support>



Functions

Commands: open, stop, close, plus those provided by the automation

Requisites

A maximum of 20 users can be associated with the BiDi-WiFi/IT4WiFi

Android 6 operating system or later

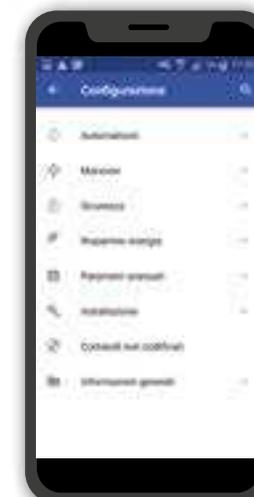
Wi-Fi access point supporting Apple's Bonjour service

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MyNice Pro App



Allows Nice installers to work on automations directly from their smartphone via the BiDi-WiFi multifunction interface.



Main features

Intuitive interface

Fast and easy search functions

Detailed description of functions

Programme backup and restore

IT4WIFI

Interface for controlling Nice automations by smartphone.



IBT4N
Interface for connecting the Pro-View programming unit and IT4WIFI smart interface.

Voice Commands

Managing the home's automations is even easier, including from your smart watch or the car's infotainment system via Amazon Alexa, Google Assistant or Siri.



Wi-Fi interface allowing control of Nice gate and garage door automations compatible with the BusT4 protocol.

Ultra-easy to install:

- 1 Using the cable provided, connect the BusT4 socket on the Wi-Fi interface to the IBT4N* connected to the Nice control unit.
- 2 Choose whether to use IT4WIFI with the MyNice or Apple HomeKit protocol. Then configure the interface using your smartphone.

The IT4WIFI interface can be installed in the control unit or in a protected environment. A BusT4 cable up to 100 m long can be used to achieve the Wi-Fi range.

Voice commands: open and close the garage door with Siri: the automation can be activated with just a voice command.

Programmed actions: certain actions can be programmed to take place at set times and days. For example: "From Monday to Friday, open the gate and garage door at 19.00".

Integration with the Apple HomeKit. Nice has Apple HomeKit certification with the IT4WIFI interface: manage Nice automations with Apple's Home app and create personalised scenes with the other HomeKit devices connected.

* The IBT4N adaptor connects the BusT4 cable to Nice control units without RJ-11 input.

TECHNICAL SPECIFICATIONS

Code	Description	Pcs. Pack
IT4WIFI	Kit containing: 1 x Wi-Fi interface, 1 x RJ-11 telephone cable, 1 x IBT4N adaptor	1

NB: IT4WIFI is not compatible with Wide and Sumo.

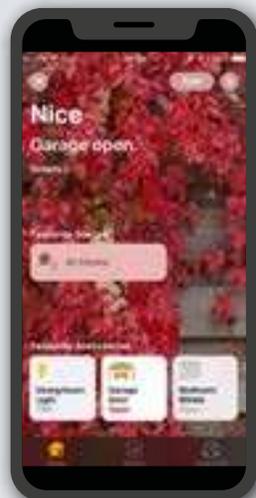
Code	IT4WIFI
Voltage (V)	24
Current (mA)	30
Maximum power draw (mW)	700
Wi-Fi interface	type 802.11b/g/n - 2.4 GHz
Power	14dBm at connector
Safety	OPEN/WEP/WPA-PSK/WPA2-PSK
Antenna connector	SMA
Protection class (IP)	30
Working temperature	minimum -20°C, maximum +50°C
Dimensions (mm)	58x63x24 (excluding SMA and antenna)
Weight (g)	60

Nice

ALSO FOR
APPLE USERS

Home App by Apple

Controlling the garage door by iPhone and Apple Watch using the Apple HomeKit protocol. Creation of scenes with the other HomeKit accessories.



To configure IT4WIFI with the Home app, see the instructions on the Apple site.

<https://support.apple.com/en-euro/HT204893>



Functions

Commands: open, close

Voice commands by Siri

Geolocation

Requisites

A maximum of 16 users can be associated with the IT4WIFI

iOS 10 operating system or later

Wi-Fi access point supporting Apple's Bonjour service

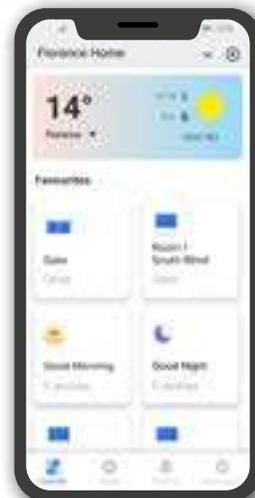
Domestic hub: 4th generation Apple TV with tvOS 10 or later versions

Application of the Works with Apple HomeKit logo indicates that the electronic accessory in question has been designed specifically to connect with the iPod touch, iPhone or iPad respectively and that the developer certifies its compliance with the performance standards defined by Apple. Apple is not liable for functioning of the device or its compliance with legal and safety standards.

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MyNice App

Controlling the gate and garage door by smartphone.



To configure IT4WIFI with the MyNice app, see the instructions on the Nice site.

<http://www.niceforyou.com/en/support>



Functions

Commands: open, stop, close, plus those provided by the automation

Requisites

A maximum of 20 users can be associated with the BiDi-WiFi/IT4WiFi

Android 6 operating system or later

Wi-Fi access point supporting Apple's Bonjour service



Pro-View

Simplified installation.

Thanks to Pro-View and the MyNice Pro App, you can install devices easily even while sitting comfortably in your vehicle.



Rapid user-friendly App

Procedures guided by a wizard with a description of the parameters displayed as in an instruction manual.



Remote control management tool

Rapid programming, multi-user dashboard and the possibility of creating a database of your installations.



Management cloud for your activity

Statistics and geolocation of installations to optimise the work of the entire team.



Simplified viewing of manuals

Access the manual of the automation you are programming in real time.



Real time firmware updates

Check for available updates while working on the automation.

Pro-View is a simple user-friendly tool, thanks also to the **MyNice Pro App** and **Nice Cloud**, to make your job easier, whether managing a single installation or your company's system.



Pro-View

Multifunction interface, for connection to Nice control units by BUS T4, enables Nice automation systems to be installed and configured by smartphone via the MyNice Pro App.



Sturdy and resistant:
special protective case



IBT4N

Interface for connecting the Pro-View programming unit and IT4WIFI smart interface.

BiDi

BUS T4

OXIBD

Easy Installation



SCAN ME

Pro-View is conceived to give professionals a new generation tool to make their work easier. Its numerous functions also simplify installation.

Advantageous: via the MyNice Pro App and Nice Cloud, installers can configure the automation simply and intuitively following the guided programming procedure, control the status of accessories, create and manage a database of their installations with absolute safety, monitor the status of the systems at all times, manage programming remotely and also provide customers with remote assistance.

Advanced:

- Nice bidirectional protocol to access and programme the new Nice bidirectional receivers and transmitters;
- functions of the traditional O-View and Obox tools.

With Pro-View, you can also:

- programme via radio One series unidirectional and bidirectional transmitters and Inti;
- manage via WiFi all functions of One series unidirectional and bidirectional transmitters and Inti with built-in transmitter.

TECHNICAL SPECIFICATIONS

Code	Description	Pcs. Pack
PRO-VIEW	Multifunction interface	1

Code	PRO-VIEW
Input	5V microUSB connector
Optional battery power	2x AA NiMh rechargeable
Maximum power draw (W)	1,5
Wi-Fi interface with internal antenna	802.11b/g/n – 2.4 GHz (P<10mW)
Safety	OPEN/WEP/WPA-PSK/WPA2-PS
Interfaces	T4
Dual-band radio transmission	Bidirectional dual band 433.54 - 433.92 MHz / 868.3 - 868.94 MHz (P<10mW)
Protection class (IP)	30
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	113x64x33
Weight (g)	100

* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.

ACCESSORIES

Code	Description	Pcs. Pack
CABLA06	Cable for programming OXI series universal receivers	1

DESIGNED FOR
INSTALLERS

MyNice Pro App

Allows Nice installers to work on automations directly from their smartphones via the Pro-View multifunction interface.

One tool, a great many functions, with the MyNice Pro App you can:

- set up the automation following the guided programming procedure;
- set and manage all the configuration parameters;
- manage accessories such as transmitters;
- view diagnostics, manage programming remotely and also provide remote assistance;
- save the last backup of the control unit and/or receiver configuration to the Nice Cloud, store it on the device and recall the saved information whenever you want; quickly access product documentation;
- create, geolocate and manage the installation remotely via an intuitive dashboard, add a photograph of the installation;
- automatically recognise the automation system, update the control unit firmware and download the instruction manual.



Main features

Intuitive interface

Fast and easy search functions

Detailed description of functions

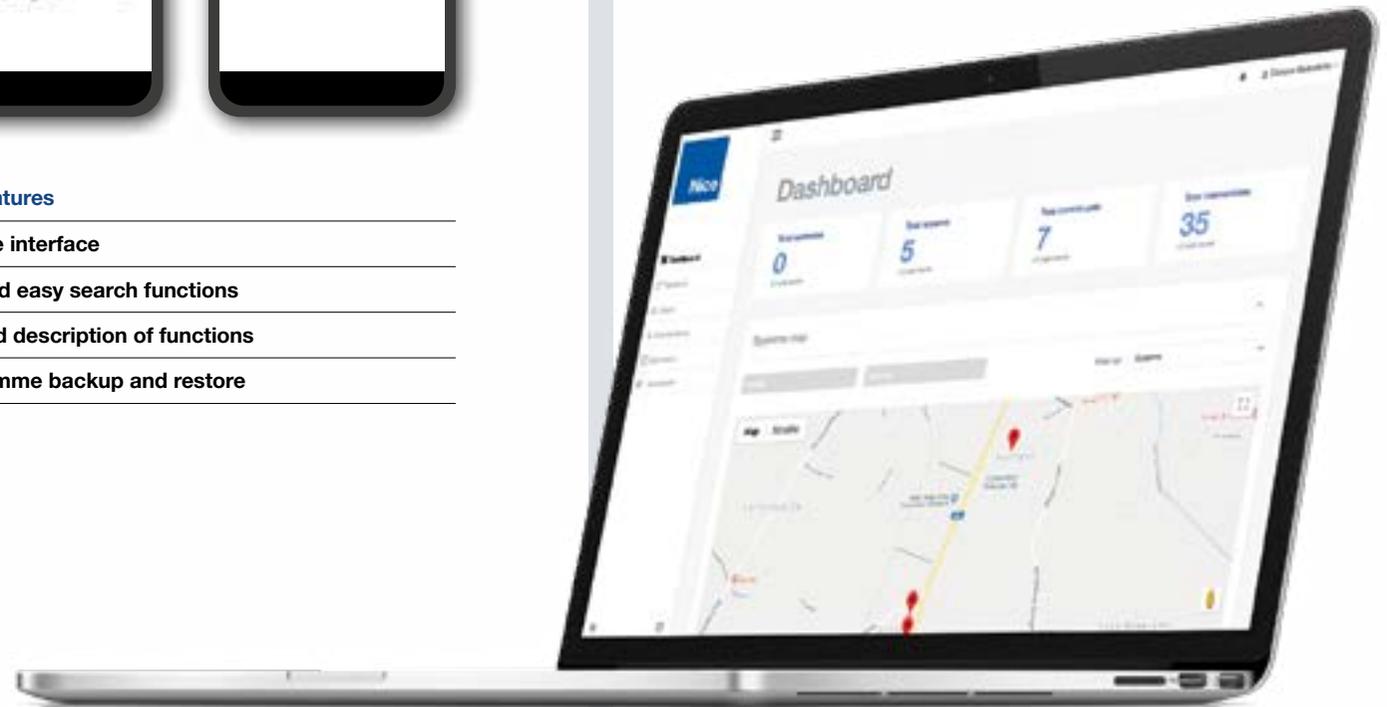
Programme backup and restore

Nice Cloud

Work managed with maximum speed and efficiency.

Through the Nice Cloud section reserved for installers, you can:

- view all your past installations;
- view all your past interventions;
- view photographs of the installation;
- the administrator profile can manage further users able to use all the functions, to keep the work of the whole team under control at all times.



Nice

Hi-Speed Faster than Ever.

The series of fast automations for swing and sliding gates and now also for garage doors:
Nice cuts waiting times!

High-speed motors

The perfect solution where rapid opening and closing manoeuvres are required, ensuring the shortest waiting time and maximum comfort.

Nice, for your peace of mind.

A versatile range

A complete offer to meet a range of installation requirements, characterised by **precision and reliability** thanks to the obstacle detection technology. Ideal in residential, commercial and industrial applications.



100% safety

Thanks to the advanced technology of Nice control units and the safety devices, Hi-Speed line automation systems are synonymous with efficiency, reliability and comfort, in full compliance with European standards.



Hi-Speed Systems

For swing gates

Toona HS	36
Wingo HS	38
Titan HS	40
Hyke HS	42
M-Fab HS	44
L-Fab HS	46

For sliding gates

Robus HS	48
Run HS	50

For garage doors

Spykit 650 HS BD	52
------------------------	----

Nice

Toona HS

**For fast operation of swing gates
with leaves up to 5 m or 400 kg (TO5024HS)
and up to 6 m or 1450 kg (TO6024HS).**

Ideal for residential and industrial applications.



Electromechanical gearmotor, surface mounted, 24 VDC with magnetic encoder.

Guarantees fast manoeuvres: 90° opening in about 16* seconds for TO5024HS and about 30* seconds for TO6024HS.

Reliable: the magnetic encoder keeps the set values stable over time and guarantees precise obstacle detection.

Quiet: patented arrangement of internal components and bronze screw.

Sturdy: thanks to the body made up of two robust polyester painted aluminium shells; more weather-resistant.

Moving internal parts made entirely of steel, light alloys and technopolymers.

Large, practical connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Easy installation and maintenance: with built-in condenser.

Wholly compatible with the Moby series: same dimensions and fixing brackets.

Moonclever MC824H control unit.

* Considering standard installation, excluding acceleration and deceleration.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TO5024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, mechanical stop in opening and closing	20
TO6024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, mechanical stop in opening and closing	20

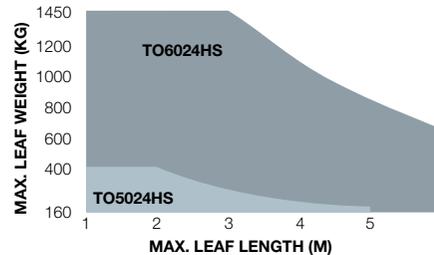
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

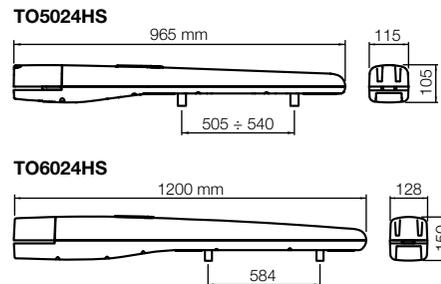
Code	TO5024HS	TO6024HS
ELECTRICAL SPECIFICATIONS		
Power supply (VDC)	24	
Draw (A)	5	
Power (W)	120	
PERFORMANCE DATA		
Speed (m/s)	>> 0,025 <<	>> 0,016 <<
Force (N)	1800	2200
Working cycle (cycles/hour)	95	41
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	44	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	965x115x105 h	1200x128x150 h
Weight (kg)	7,5	15

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TO5024HS TO6024HS	Control unit/Receiver
	Integrated*
	• • OXIBD / OXILR
	Transmitter
	• • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• • ERA ONE BD / ERA ONE LR
	• • ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
	• • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
	• • EPMOR - Medium, reflective
	• • EPMORB - Medium, BlueBUS, reflective
	• • EPMOW - Medium, wireless self-synchronised
	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	• • F210B - BlueBUS
	FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
	• • ELDC
	• • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wingo HS

For fast operation of swing gates with leaves up to 3 m or 200 kg.

Ideal for residential applications.

Electromechanical gearmotor, surface mounted, 24 VDC with magnetic encoder.

Guarantees fast manoeuvres: 90° opening in about 10* seconds.

Reliable: the magnetic encoder keeps the set values stable over time and guarantees precise obstacle detection.

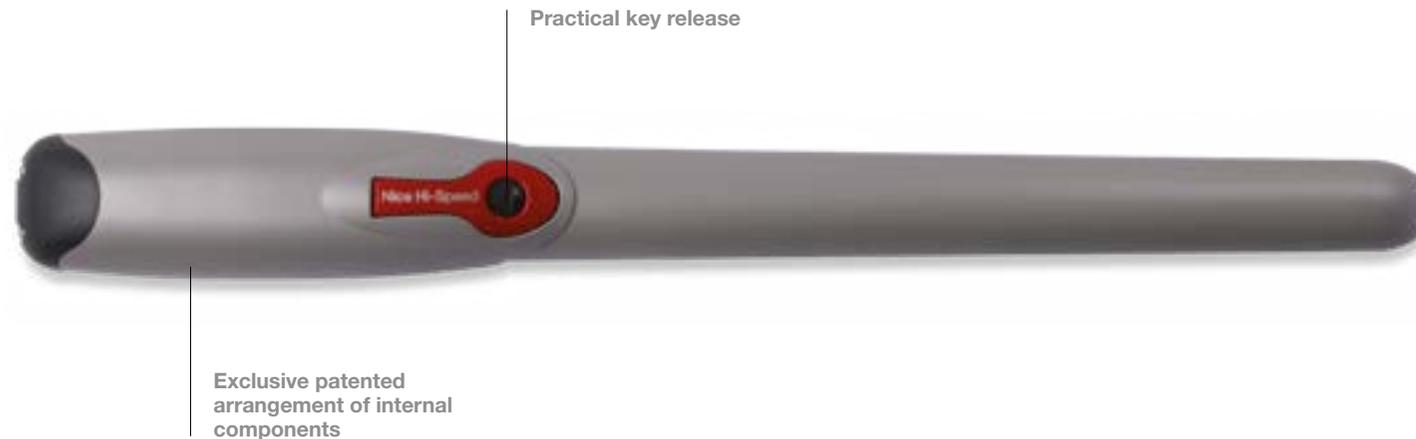
Quiet: patented arrangement of internal components and fewer moving parts.

Easy to install: electrical connections from above, with gearmotor mounted.

Mechanical limit switches: pre-mounted in opening.

Moonclever MC824H control unit.

* Considering standard installation, excluding acceleration and deceleration.



BlueBus

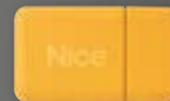
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WG3524HS	Non-reversible, 24 VDC, fast, with magnetic encoder, mechanical stop in opening and closing	20

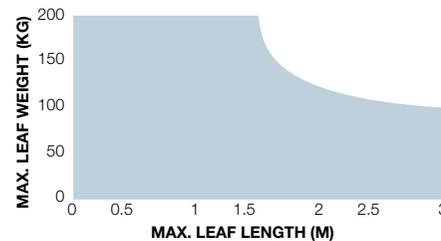
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
PLA14	Screw-on adjustable rear bracket	2
PLA15	Screw-on adjustable front bracket	2
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

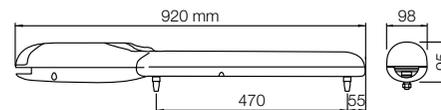
TECHNICAL SPECIFICATIONS

Code	WG3524HS
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	5
Power (W)	120
PERFORMANCE DATA	
Speed (m/s)	>> 0,04 <<
Force (N)	1500
Working cycle (cycles/hour)	30
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	920x98x95 h
Weight (kg)	6

OPERATING LIMITS



DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WG3524HS

Control unit/Receiver

Integrated*

Transmitter

- **OXIBD / OXILR**
- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
- **ERA ONE BD / ERA ONE LR**
- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised

F210 - Synchronised, adjustable / **FT210** - For sensitive edges

- **F210B** - BlueBUS

FT210B - For sensitive edges, BlueBUS

Flashing light

ELAC

- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Titan HS

For rapid operation of swing gates with leaves up to 3.7 m (TTN3724HS, TTN3724RHSS), 6 m (TTN6024HS, TTN6024RHS) or 450 kg.



Electromechanical gearmotor, surface mounted, 24 VDC with magnetic encoder.

Guarantees fast manoeuvres: 90° opening in about 12* seconds with TTN3724HS and TTN3724RHS or 19* seconds with TTN6024HS and TTN6024HS.

* Considering standard installation, excluding acceleration and deceleration.

Reliable: the magnetic encoder keeps the set values stable over time and guarantees precise obstacle detection.

Easy to install: electrical connections easily accessible from above, thanks to the dedicated input. The fixing brackets are supplied with the motor.

Versatile: the motor can also be installed in the bottom part of the gate leaf, at a distance of at least 110 mm from the ground.

Practical and safe: the convenient key release located in the top part of the motor allows the gate leaves to be opened and closed manually in the event of a blackout.

Models TTN3724HS and TTN6024HS are compatible with the Moonclever MC824H control unit, while models TTN3724RHS and TTN6024RHS are compatible with the MC824HR control unit **.

** Not compatible with the SYKCE solar power kit.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

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Find out more on page → 30

Code	Description	Pcs./Pallet
TTN3724HS	Non-reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 3.7 m or 450 kg	32
TTN3724RHS	Reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 3.7 m or 450 kg	32
TTN6024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 6 m or 450 kg	32
TTN6024RHS	Reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 6 m or 450 kg	32

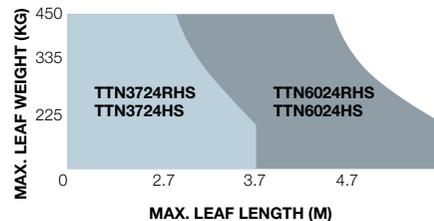
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

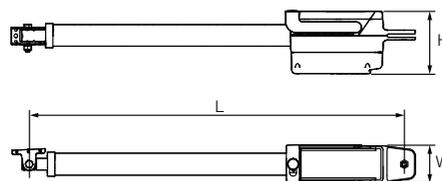
Code	TTN3724HS	TTN6024HS	TTN3724RHS	TTN6024RHS
ELECTRICAL SPECIFICATIONS				
Power supply (VDC)	24			
Draw (A)	6	7	6	7
Power (W)	150		170	
PERFORMANCE DATA				
Speed (m/s)	>> 0,032 <<	>> 0,027 <<	>> 0,032 <<	>> 0,027 <<
Force (N)	1900			
Working cycle (cycles/hour)	continuous cycle			
DIMENSIONAL AND GENERAL DATA				
Protection class (IP)	54			
Operating temperature (°C Min/Max)	-20 ÷ +55			
Dimensions (mm)	910x105x170 h	1080x105x170 h	910x105x170 h	1080x105x170 h
Weight (kg)	8	9	8	9
L max / L min / stroke (mm)	1370 / 860 / 510	1710 / 1030 / 680	1370 / 860 / 510	1710 / 1030 / 680
WxH (mm)	105x170			

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TTN3724HS TTN3724RHS TTN6024HS TTN6024RHS	Control unit/Receiver
	Integrated*
• • • •	MC824H / OXIBD / OXILR
• • • •	MC824HR / OXIBD / OXILR
	Transmitter
• • • •	ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• • • •	ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• • • •	ERA ONE BD / ERA ONE LR
• • • •	ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
• • • •	EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
	EPMOR - Medium, reflective
• • • •	EPMORB - Medium, BlueBUS, reflective
• • • •	EPMOW - Medium, wireless self-synchronised
	F210 - Synchronised, adjustable / FT210 - For sensitive edges
• • • •	F210B - BlueBUS
	FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
• • • •	ELDC
• • • •	WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Hyke HS

For fast operation of swing gates with leaves up to 3 m or 270 kg.

Ideal for residential applications, including with large posts.

Electromechanical gearmotor with articulated arm, surface mounted, 24 VDC, with magnetic encoder.

Ideal for intensive use and fast manoeuvres: 90° opening in about 10* seconds.

Powerful and reliable: thanks to the 500 Nm torque and encoder technology, for millimetric accuracy and reliability.

Safe movement: double technology obstacle detection.

Sturdy: thanks to the polyester painted aluminium body; more weather-resistant.

Two non-reversible, 24 VDC versions with opening and closing limit switches: with integrated control unit (HK7024) or without control unit (HK7224).

Quick and practical installation: the length of the articulated arm can be adjusted for maximum flexibility.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

No blackouts: operation in event of power failure with the optional batteries (PS124) housed in the motor.

Integrated control unit (HK7024).

* Considering standard installation, excluding acceleration and deceleration.



BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
HK7024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, complete with articulated arm and integrated control unit	12
HK7224HS	Non-reversible, 24 VDC, fast, complete with articulated arm, without integrated control unit	12

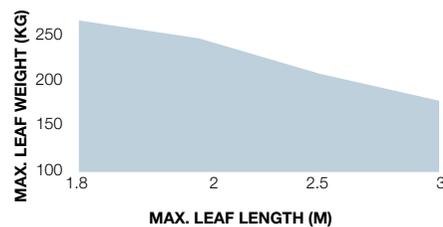
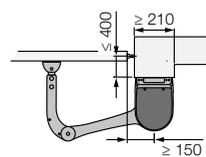
COMMON ACCESSORIES

Code	Description	Pcs. Pack
HKA2	Spare control unit for HK7024HS	1
PS124	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

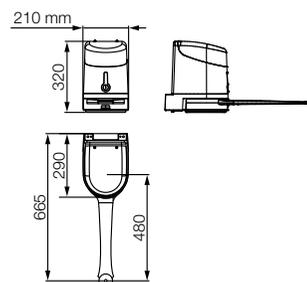
Code	HK7024HS	HK7224HS
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60HZ)	230	-
Power supply (VDC)	-	24
Draw (A)	1,5	6
Power (W)	300	140
PERFORMANCE DATA		
Speed (rpm)	>> 2 <<	
Torque (Nm)	500	
Working cycle (cycles/hour)	40	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	54	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	290x210x320 h	
Weight (kg)	10,5	9,5

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

HK7024HS

Control unit/Receiver

Integrated*

- OXIBD / OXILR

Transmitter

- ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
- ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
- ERA ONE BD / ERA ONE LR
- ERA FLOR / NICEWAY

Photocells

EPS - Slim / EPM - Medium / EPL - Large

- EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS

EPMOR - Medium, reflective

- EPMORB - Medium, BlueBUS, reflective

- EPMOW - Medium, wireless self-synchronised

F210 - Synchronised, adjustable / FT210 - For sensitive edges

- F210B - BlueBUS

FT210B - For sensitive edges, BlueBUS

Flashing light

ELAC

- ELDC

- WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

M-Fab HS

For fast operation of swing gates with leaves up to 3 m or 300 kg.

Concealed underground installation, ideal for residential applications.

Reliable and resistant



Waterproof, IP67 protection class

FAB BOX foundation boxes

Electromechanical gearmotor, 24 VDC, with magnetic encoder.

Ideal for intensive use and fast manoeuvres: 90° opening in about 8* seconds.

* Considering standard installation, excluding acceleration and deceleration.

Moulded Fab Box foundation boxes with mechanical stop in opening:

- **in stainless steel** (MFABBOXI), ideal for use in extreme conditions;
- **electrophoretic painted** (MFABBOX), with high resistance to corrosion.

Reliable and resistant: motors with solid metal internal components. New IP67 waterproof die-cast aluminium.

Maximum freedom of choice: release from inside and outside, two freely combinable key or lever-operated models, easy to operate with one hand.

Simple installation: mechanical stop system in closing. Standard 110° opening, 360° optional.

Totally compatible with the previous Metro series.

Moonclever MC824H control unit.

BlueBus

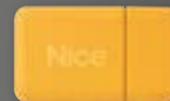
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
MFAB3024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, complete with connecting lever and mechanical stop in closing	18
Code	Description	Pcs./Pallet
MFABBOXI	Externally chamfered stainless steel foundation box with mechanical stop in opening	20
MFABBOX	Electrophoretic painted, externally chamfered foundation box with mechanical stop in opening	20

NOTE: key release freely combinable, choosing between models MEA2 and MEA3.

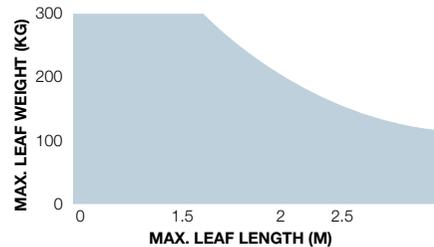
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
MEA2	Key release	1
MEA3	Lever key release for use when installing on surfaces such as sand or earth	1
MEA5	Lever key for release	4
MEA6	Limit bracket, for installations where the foundation box cannot be embedded in concrete	4
MEA1	Accessory for opening up to 360° for leaves up to 2.5 m long	4
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

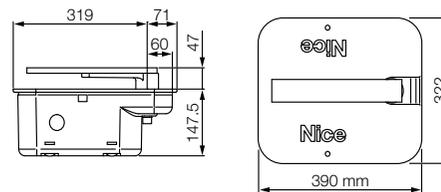
Code	MFAB3024HS
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	6
Power (W)	170
PERFORMANCE DATA	
Speed (rpm)	>> 2,6 <<
Torque (Nm)	180
Working cycle (cycles/hour)	80
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	67
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	390x322x194 h
Weight (kg)	11

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

MFAB3024HS

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

L-Fab HS

For fast operation of swing gates with leaves up to 4 m or 400 kg.

Concealed underground installation.

Reliable and resistant



Waterproof, IP67 protection class

Electromechanical gearmotor, 24 VDC, with magnetic encoder and mechanical stops.

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

Foundation boxes with mechanical stop in opening:

- **in stainless steel** (LFABBOX4I), ideal for use in extreme conditions;
- **electrophoretic painted** (LFABBOX4), with high resistance to corrosion.

Maximum freedom of choice: lever release from inside and outside, freely combinable and easy to operate with one hand.

Simple installation: mechanical stop system in closing. Standard 110° opening, 360° optional.

Ideal for intensive use, the LFAB4024HS model is compatible with the Moonclever MC824H control unit, with BlueBUS technology and provision for Solemyo and Opera systems.

* Considering standard installation, excluding acceleration and deceleration.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
LFAB4024HS	Non-reversible, 24 VDC, fast, with magnetic encoder and mechanical limit switch in closing	18
Code	Description	Pcs./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 freely combinable, choosing between models MEA2 and MEA3.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
BMA3	Release with lever key	1
MEA5	Lever key for release	4
BMA1	Accessory for opening up to 360° for leaves up to 3.5 m long	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

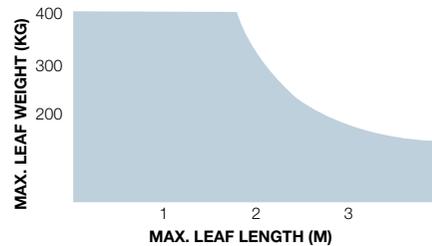
TECHNICAL SPECIFICATIONS

Code	LFAB4024HS
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	7
Power (W)	170
PERFORMANCE DATA	
Speed (rpm)	>> 3 <<
Torque (Nm)	200
Working cycle (cycles/hour)	50**
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	67
Operating temperature (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	375x225x110 h*
Weight (kg)	12,5

* With foundation box. ** The value indicated must be halved in the case of opening up to 180° - using the BMA1 accessory.

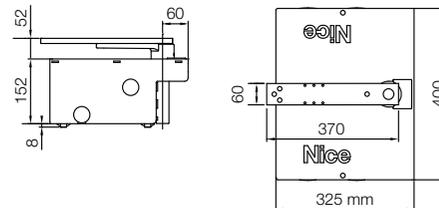
Foundation box	LFABBOX4
Weight (kg)	14,4

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

LFAB4024HS

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Robus HS

For fast operation of sliding gates up to 250 kg (RB250HS) and 500 kg (RB500HS).

For residential and industrial applications.

24 VDC electromechanical gearmotor.

Ideal for intensive use: a 4 m gate takes about 10* seconds to open with RB250HS and about 9* seconds with RB500HS.

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Practical: control unit and PS124 buffer batteries (optional) connected by practical guided plug-in connector, housed in the gearmotor.

Advanced: the temperature sensor adapts the motor force to the climatic conditions while at the same time adjusting the thermal protection; a master/slave selection also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

A master/slave selection also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light. 8 programming levels.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Sturdy: release with aluminium handle for easy opening.

Quiet: gearmotor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

Compartment for control unit protected by pull-out box

Base and release in epoxy-painted die-cast aluminium



RB250HS



RB500HS

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

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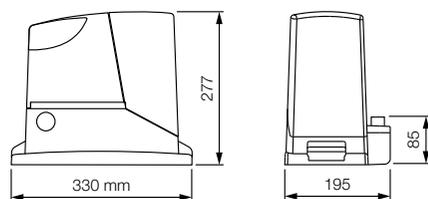
Code	Description	Pcs./Pallet
RB250HS	Non-reversible, 24 VDC, fast, with integrated control unit, electromechanical limit switch, for gates up to 250 kg	14
RB500HS	Non-reversible, 24 VDC, fast, with integrated control unit, electromechanical limit switch, for gates up to 500 kg	14
COMMON ACCESSORIES		
Code	Description	Pcs. Pack
RBA3/HS	Spare control unit for RB250HS and RB500HS	1
PS124	24 V battery with integrated battery charger	1
RBA1	Inductive limit switch	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg	10
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

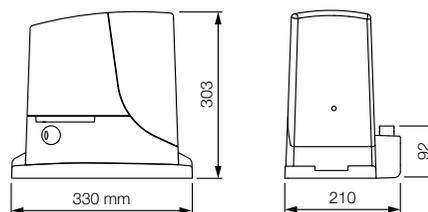
Code	RB250HS	RB500HS
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	230
Draw (A)	2,1	2,2
Power (W)	430	450
PERFORMANCE DATA		
Speed (m/s)	>> 0,4 <<	>> 0,44 <<
Force (N)	310	360
Working cycle (cycles/hour)	50	20
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	44	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	330x195x277 h	330x210x303 h
Weight (kg)	8	11

DIMENSIONS

RB250HS



RB500HS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RB250HS
RB500HS

Control unit/Receiver
Integrated*
<ul style="list-style-type: none"> • OXIBD / OXILR
Transmitter
<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD / ERA ONE LR • ERA FLOR / NICEWAY
Photocells
<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
<ul style="list-style-type: none"> • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
<ul style="list-style-type: none"> • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Run HS

For fast operation of sliding gates up to 400 kg (RUN400HS) and 1200 kg (RUN1200HS).

For residential and industrial applications.



Compartment for control unit protected by pull-out box

Base and release in epoxy-painted die-cast aluminium

24 VDC electromechanical gearmotor.

Fast opening and closing manoeuvres: 4 m gate in about 6* seconds, while RUN1200HS opens a 7 m gate in about 18* seconds.

The fastest: ideal for heavy-duty industrial applications.

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Practical: control unit and PS524 battery charger (for connection of two B12-B batteries) housed in the gearmotor, connected by practical guided plug-in connector.

Advanced: the temperature sensor adapts the motor force to the climatic conditions while at the same time adjusting the thermal protection; a master/slave selection also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Smart: thanks to obstacle detection and automatic programming of operating times.

Self-diagnostics with indications via the flashing light. 8 programming levels.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Sturdy: release with aluminium handle for easy opening.

Quiet: gearmotor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

BlueBus

BiDi

24V

Yubii

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
RUN400HS	Non-reversible, 24 VDC, fast, with integrated control unit, electromechanical limit switch, for gates up to 400 kg	12
RUN1200HS	Non-reversible, 24 VDC, fast, with integrated control unit, electromechanical limit switch, for gates up to 1200 kg	12

COMMON ACCESSORIES

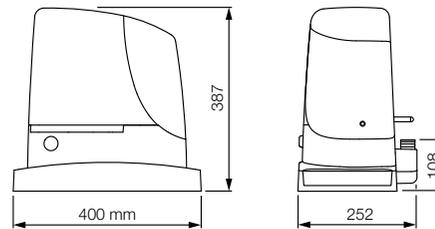
Code	Description	Pcs. Pack
RUA6	Spare control unit for RUN400HS and RUN1200HS	1
B12-B	12 V, 6 Ah battery	1
PS524	Charge card for 7 Ah batteries	1
RBA1	Inductive limit switch	1
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
ROA81	Galvanised rack M6 30x30x1000 mm, weld-on, for use with RUA12 crown	10
RUA12	12-tooth crown, module 6, for use with ROA81 rack. Run is supplied with a module 4 crown to use standard ROA7 and ROA8 racks	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	RUN400HS	RUN1200HS
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)		230
Draw (A)		2
Power (W)		415
PERFORMANCE DATA		
Speed (m/s)	>> 0,7 <<	>> 0,37 <<
Force (N)	409	790
Working cycle (cycles/hour)		60
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)		44
Operating temperature (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		400x255x387 h
Weight (kg)		24,5

* 60 Hz version available on request.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RUN400HS RUN1200HS	
	Control unit/Receiver
	Integrated*
	• • OXIBD / OXILR
	Transmitter
	• • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• • ERA ONE BD / ERA ONE LR
	• • ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
	• • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
	EPMOR - Medium, reflective
	• • EPMORB - Medium, BlueBUS, reflective
	• • EPMOW - Medium, wireless self-synchronised
	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	• • F210B - BlueBUS
	• • FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
	• • ELDC
	• • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

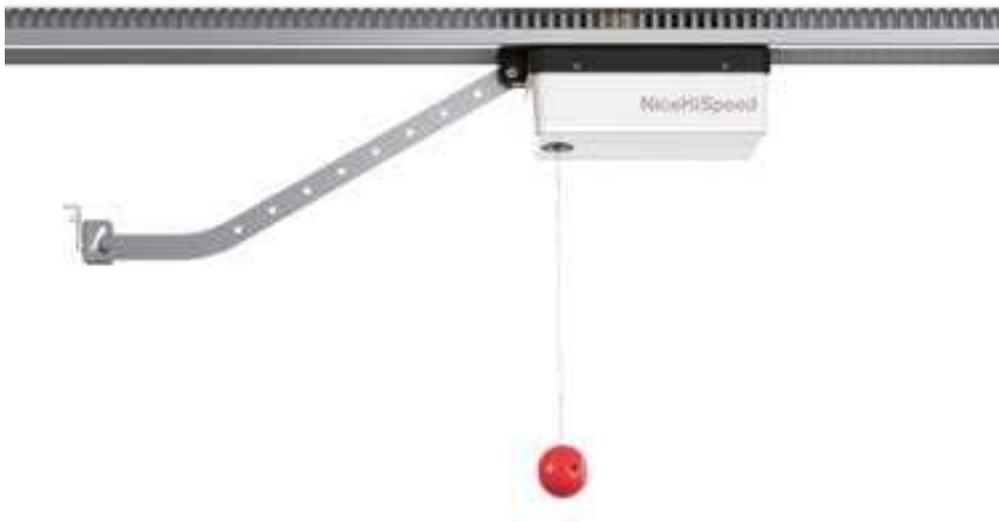
Nice

Spykit 650 HS BD

For sectional doors up to 10.5 m² and up-and-over doors (projecting and non-projecting) up to 11.5 m².



Available in a KIT



Electromechanical gearmotor, non-reversible, 24 VDC for residential use, rack-on-track drive. For use with SPYRAIL321, SPYRAIL162 and SPYRAIL081 tracks.

Guarantees fast manoeuvres: opens the garage door in about 8.5* seconds.

Functional and stylish: the motor is the only component that moves on the track, no chains or other noisy mechanisms. Ideal for any architectural context.

Handy: separate control unit for simpler installation and maintenance. Integrated LED courtesy light. Three practical keys to control the automation.

Quick to install. New time-saving solution: wired power supply unit for easy installation in a few simple steps on whichever side of the track you prefer. Limit switches easy to position along the track. No chains or other noisy mechanisms to install.

Ultra-simple, thanks to the BlueBUS system: allows connections with just two wires between the control unit and the pairs of photocells and other accessories using BlueBUS technology.

Easy to programme: fast and intuitive basic programming, using the Quick Setup procedure. Simplified advanced programming via Pro-View.

ON/OFF release system: pulling the release knob once releases the motor, pulling it a second time locks the motor again in any position along the track.

Economical and environmentally friendly: when connected to the mains, the control unit consumes just 0.5 W in standby mode. Connected to the battery or Solemyo kit, consumption in standby mode drops to 0.1 W.

No blackouts: operation is guaranteed even without mains power, thanks to the optional PS324 buffer battery.

Safe: obstacle detection, monitoring of motor draw during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Designed for installation of the latest generation 8.2 kOhm resistive sensitive edges.

Optimised logistics: to facilitate transport and management, the tracks are available in different sizes: a single 3.2 m section, two tracks each measuring 1.6 m and a 0.8 m extension to add to the other tracks.

* Considering a typical installation with a 2 m high garage door, excluding acceleration and deceleration.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



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Code	Description	Pcs./Pallet
SPY650HSBDKCE	Kit to automate sectional and up-and-over doors, 650 N, with SPY-BOXBHS control unit, OXIBD plug-in receiver and 1 x ON3EBD transmitter included. Tracks not included	48



The kit contains:

Code	Description	Quantity
SPY650HS	Gearmotor 650 N	1
SPYBOXBHS	Control unit with LED courtesy light	1
OXIBD	Plug-in bidirectional radio receiver	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SPYLIGHT	LED light module accessory for Spyrail (max 2 per Spyrail)	1
PS324	24 V battery with integrated battery charger. Requires accessory TNA9 for wall mounting	1
TNA9	Additional connecting cable and supports for wall-mounting the PS324 battery	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA11	Kit with additional ceiling fixing bracket for Spyrail	1
SPA6	Enlarged connecting arm, 585 mm long	1
KI1	Kit for release from outside with metal pull-cord and key ratchet	1
SPA2	Kit for release from outside with metal pull-cord	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SPY650HSBDKCE
------	----------------------

ELECTRICAL SPECIFICATIONS

Power supply (VAC 50/60 Hz)	230 ± 10%
Draw (A)	1,6
Maximum power (W)	300
Power in standby (W)	0,5

PERFORMANCE DATA

Maximum speed (m/s)	>> 0,24 <<
Maximum force (N)	650
Nominal force (N)	200
Working cycle (cycles/hour)	30
Working cycle (cycles/day)	300

DIMENSIONAL AND GENERAL DATA

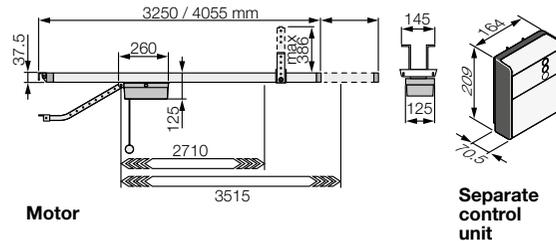
Protection class (IP)	IP41
Operating temperature (°C Min/Max)	-20 ÷ +55
Pack dimensions (mm)	380x380x125
Weight (kg)	3,2

OPERATING LIMITS

	Non-projecting up-and-over door (with SPA5)		Projecting up-and-over door (with SPA5) or with springs (without SPA5)		Sectional	
	H	W	H	W	H	W
3.2 m track	2.3 m	4 m	2.8 m	4 m	2.5 m	4.2 m
4 m track	3.1 m	3 m	3.5 m	3.3 m	3.3 m	3.2 m

Using maximum travel.

DIMENSIONS



TECHNICAL SPECIFICATIONS OF TRACKS

Code	Description	Pcs./Pallet
SPYRAIL321	1 x complete 3.2 m track	48
SPYRAIL162	2 x 1.6 m tracks with assembly accessories	48
SPYRAIL081	0.8 m extension with assembly accessories (to add to the other tracks to reach a length of 4 m)	48

Code	SPYRAIL321	SPYRAIL162	SPYRAIL081*
Type	3.2 m (one section)	3.2 m (2 x 1.6 m sects.)	0.8 m (extension to reach 4 m)
Installed track length (mm)	3270		4075
Useful travel (mm)	2710		3515
Weight (kg)	7,5	8,35	3,3
Pack dimensions (mm)	3230x110x50	1760x110x50	960x110x50
Dimensions accessories pack (mm)	400x400x90		

* For use in combination with SPYRAIL321 and SPYRAIL162 tracks.

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SPYBOXBHS

Control unit/Receiver
• Built-in*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
• EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
• F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
• FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Accessories for Hi-Speed series swing gates

COMMON ACCESSORIES



PLA10
Vertical 12 V electric lock (obligatory for leaves longer than 3 m).
Pcs./pack 1



PLA11
Horizontal 12 V electric lock (obligatory for leaves longer than 3 m).
Pcs./pack 1



PLA14
Screw-on adjustable rear bracket.
Pcs./pack 2



PLA15
Screw-on adjustable front bracket.
Pcs./pack 2



MEA1
Accessory for opening up to 360° for leaves up to 2.5 m long.
Pcs./pack 4



MEA2
Key release.
Pcs./pack 1



MEA3
Lever key release for use when installing on surfaces such as sand or earth.
Pcs./pack 1



MEA5
Lever key for release.
Pcs./pack 4



MEA6
Limit bracket, for installations where the foundation box cannot be embedded in concrete.
Pcs./pack 4



BMA3
Release with lever key.
Pcs./pack 1



BMA1
Accessory for opening up to 360° for leaves up to 3.5 m long.
Pcs./pack 1



KIO
Key switch for low-voltage contacts, with release mechanism for metal cable.
Pcs./pack 1



KA1
Kit with 6 m metal cable for KIO.
Pcs./pack 1



TS
Sign.
Pcs./pack 1

SPARE CONTROL UNITS



HKA2
Spare control unit for HK7024.
Pcs./pack 1

ACCESSORIES FOR 24 V VERSIONS



PS324
24 V battery with integrated battery charger.
Pcs./pack 1



PS124
24 V battery with integrated battery charger.
Pcs./pack 1

Accessories for Hi-Speed series sliding gates

RACKS



ROA6
Slotted rack, M4
25x20x1000 mm, nylon
with metal insert. For
gates up to 500 kg.

Pcs./pack 10



ROA7
Galvanised rack, M4
22x22x1000 mm.

Pcs./pack 10



ROA8
Galvanised rack, M4
30x8x1000 mm,
with screws and
spacers.

Pcs./pack 10



ROA81
Galvanised rack M6
30x30x1000 mm, weld-
on, for use with RUA12
crown.

Pcs./pack 10

COMMON ACCESSORIES



RUA12
12-tooth crown,
module 6, for use with
ROA81 rack.

Pcs./pack 1



RBA1
Inductive limit switch.

Pcs./pack 1



PS524
Charge card for 7 Ah
batteries.

Pcs./pack 1



B12-B
12 V, 6 Ah battery.

Pcs./pack 1



TS
Sign.

Pcs./pack 1

SPARE CONTROL UNITS



RBA3/HS
Spare control unit
for RB250HS and
RB500HS.

Pcs./pack 1



RUA6
Spare control unit
for RUN400HS and
RUN1200HS.

Pcs./pack 1



PS124
24 V battery with inte-
grated battery charger.

Pcs./pack 1

ACCESSORIES FOR 24 V VERSIONS

Accessories for Hi-Speed series garage doors

COMMON ACCESSORIES



SPYLIGHT
LED light module accessory for Spyrail (max 2 per Spyrail).
Pcs./pack 1



SPA2
Kit for release from outside with metal pull-cord.
Pcs./pack 1



SPA5
Swing arm sliding on bearings, optimised for projecting up-and-over doors.
Pcs./pack 1



SPA6
Enlarged connecting arm, 585 mm long.
Pcs./pack 1



SPA11
Kit with additional ceiling fixing bracket for Spyrail.
Pcs./pack 1



KI1
Kit for release from outside with metal pull-cord and key ratchet.
Pcs./pack 1



PS324
24 V battery with integrated battery charger.
Pcs./pack 1

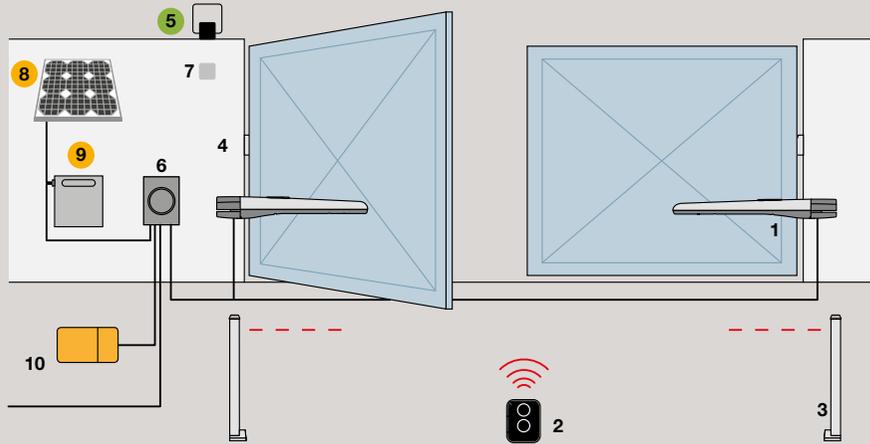


TNA9
Additional connecting cable and supports for wall-mounting the PS324 battery.
Pcs./pack 1



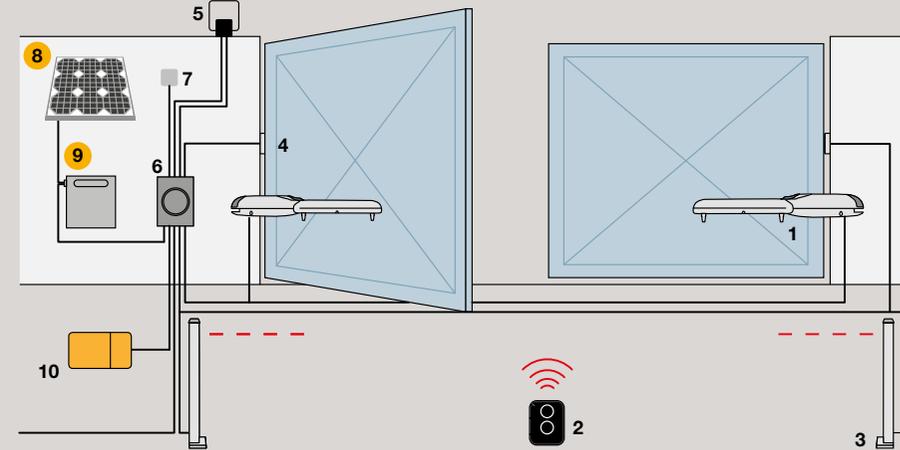
TS
Sign.
Pcs./pack 1

Standard installation diagram for Hi-Speed series



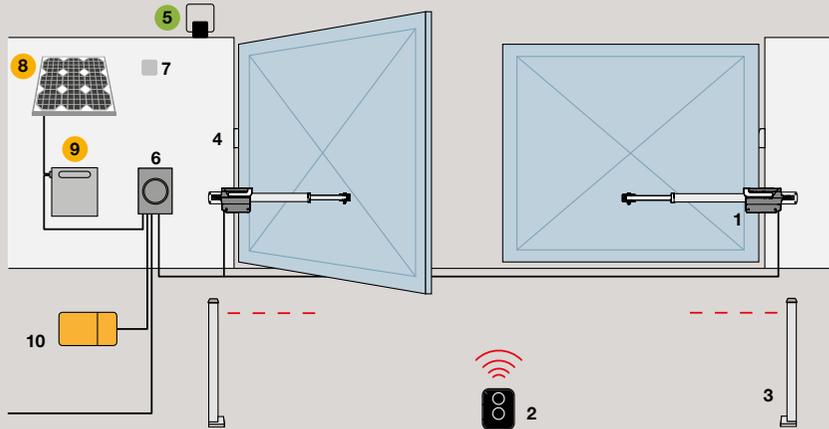
TOONA HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



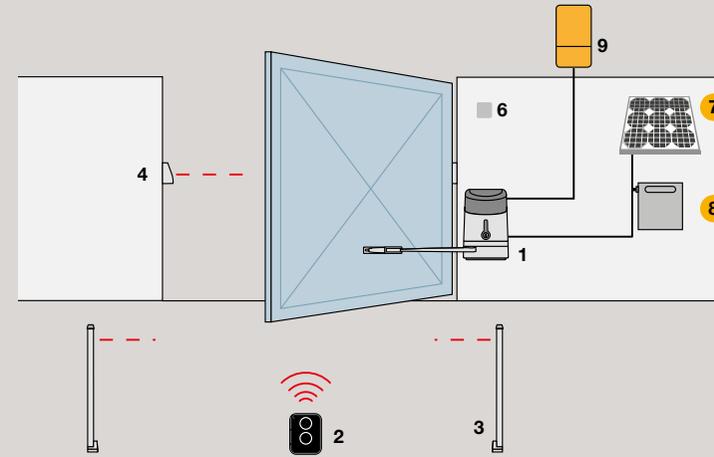
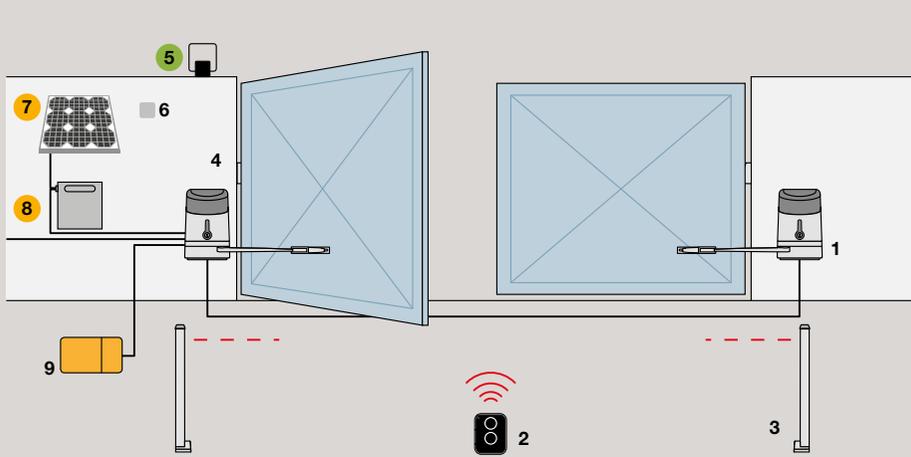
WINGO HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. Pro-View multifunction interface



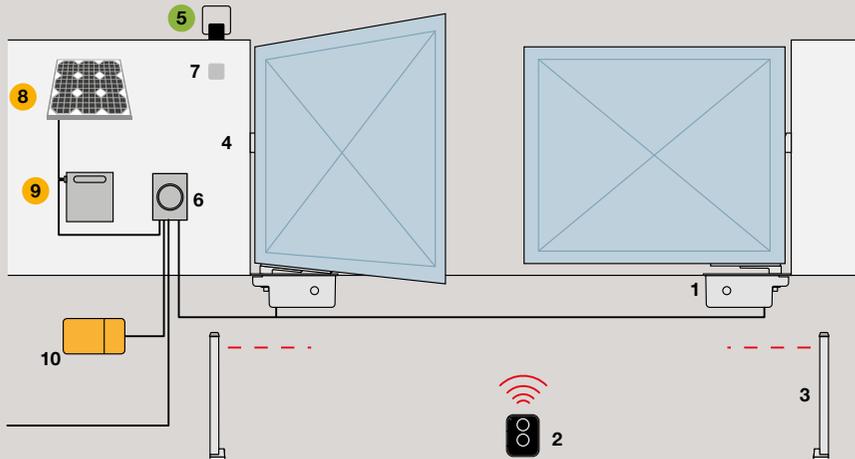
TITAN HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



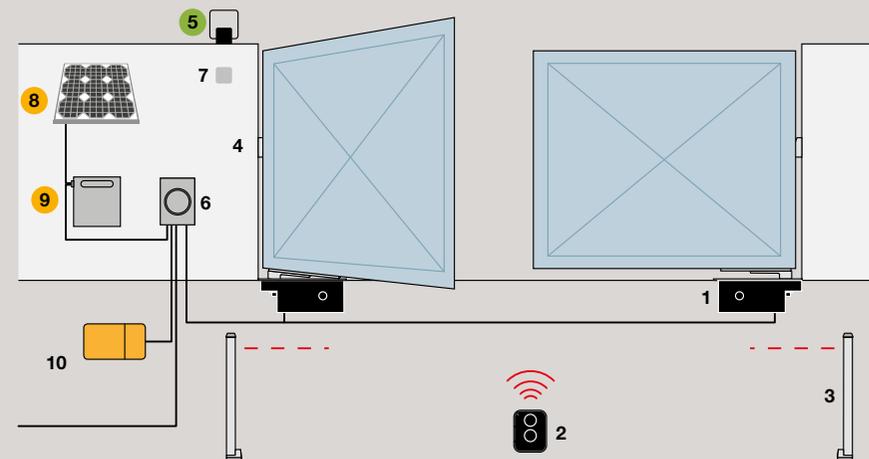
HYKE HS

- 1 . Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
 6 . Digital or key switch 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface (for PP7124 only)
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



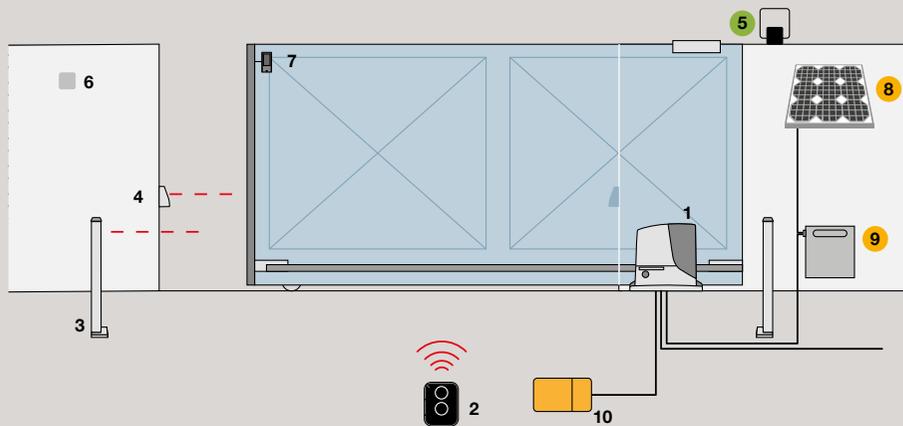
M-FAB HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



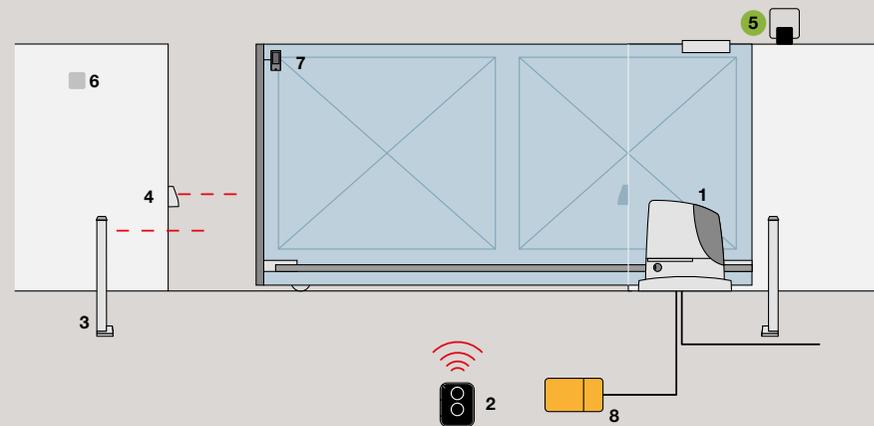
L-FAB HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



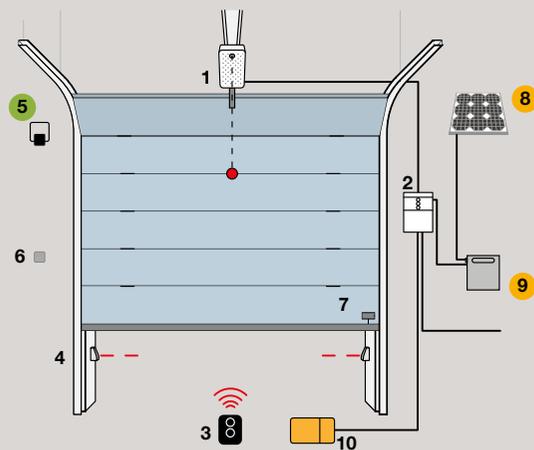
ROBUS HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



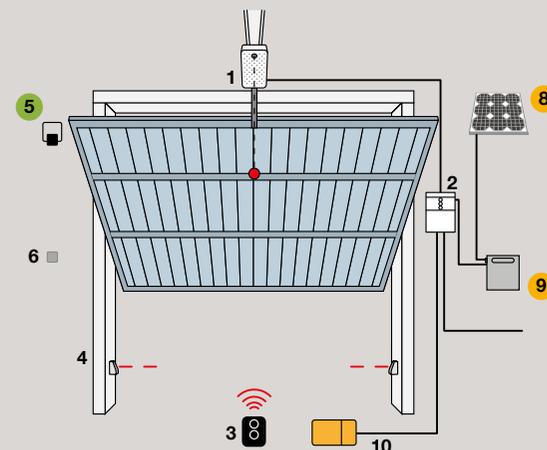
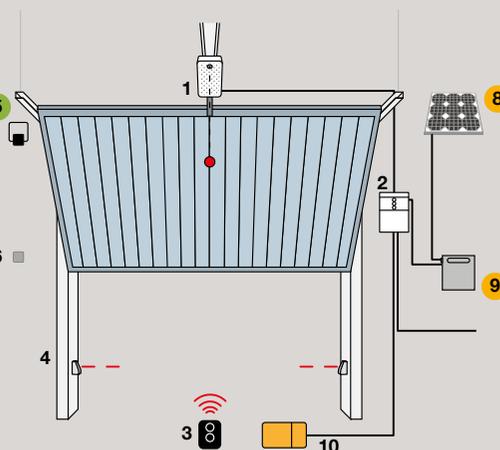
RUN HS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**



SPYKIT 650 HS BD

1. Motor 2. Control unit 3. Transmitter 4. Photocells 5. Flashing light 6. Key or digital switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



Nice



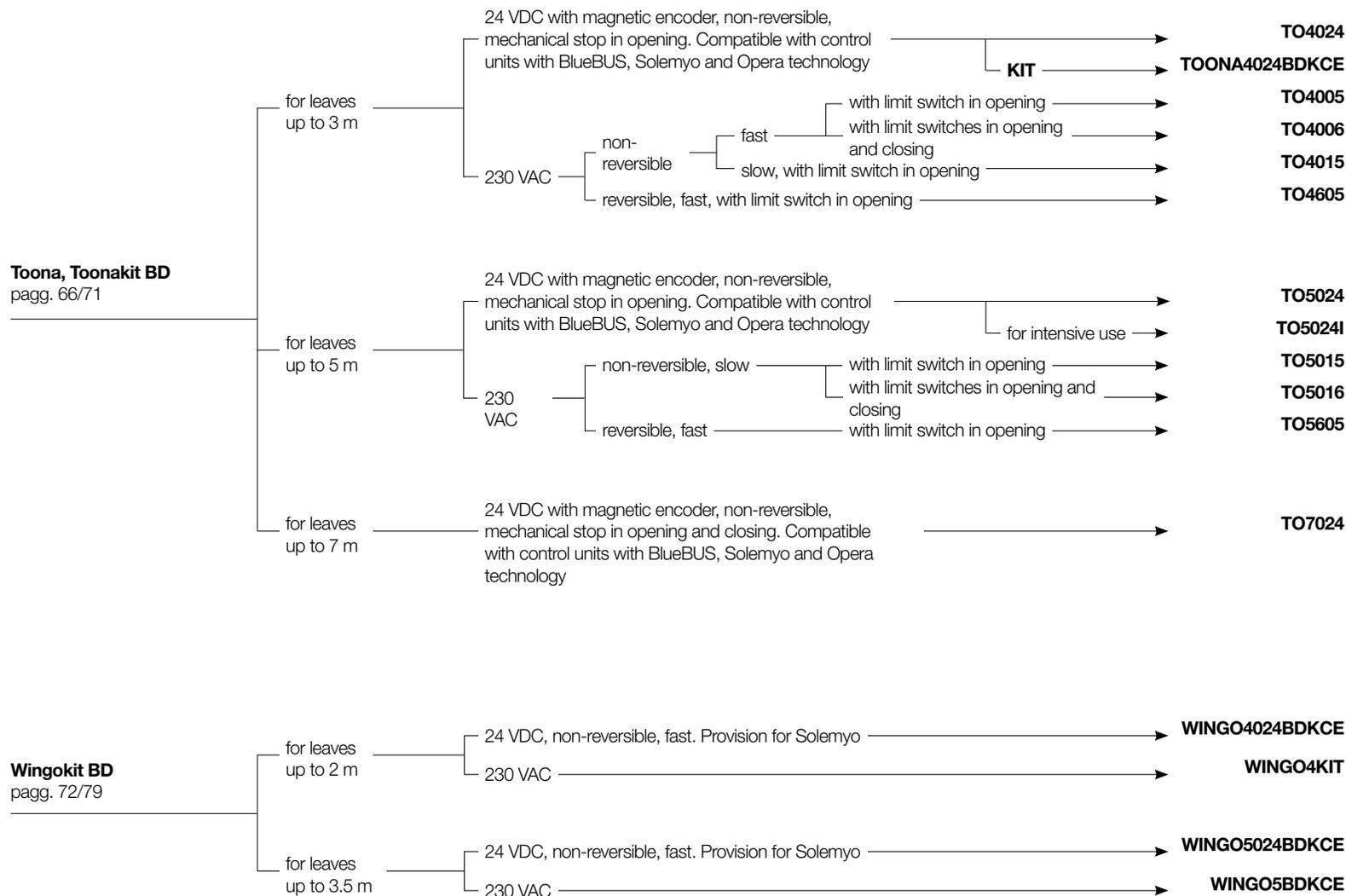


Systems for swing gates

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Selection guide

Surface mounted, also available in a kit with bidirectional technology



For integrated installation in post

For leaves up to 1.8 m and 100 kg. Non-reversible, 24 VDC electromechanical gearmotor. Dedicated control centre with BlueBUS, Solemyo and Opera technology.

Oltre
pagg. 80/81

OLTRE 1824



Surface mounted, with articulated arm, recommended for small posts, in a kit with bidirectional technology

For leaves up to 1.8 m, 24 VDC, non-reversible, with integrated control unit with BlueBUS technology and provision for Solemyo and Opera systems. Mechanical limit switch in closing.

Walkykit BD
pagg. 82/85

for 1 leaf
for 2 leaves

WALKY1024BDKCE

WALKY2024BDKCE



Surface mounted, articulated arm, also for large posts and lightweight structures, also available in a kit with bidirectional technology

For leaves up to 2.4 m, 24 VDC, non-reversible. Control units compatible with Solemyo. With limit switch in opening.

Hopp
Hoppkit BD
pagg. 86/89

integrated control unit, with BlueBUS, Solemyo and Opera technology
without integrated control unit
KIT

HO7124

HO7224

HOPPBKCE



Selection guide

Surface mounted, articulated arm, for large posts, also available in a kit with bidirectional technology

Hyke, Hykekit BD
pagg. 88/89

for leaves up to 3,5 m — 24 VDC, non-reversible. With limit switches in opening and closing

integrated control unit, with BlueBUS, Solemyo and Opera technology

without integrated control unit

KIT

HK7024

HK7224

HYKEBDKCE



For leaves up to 3 m, non-reversible.

Hypo
pagg. 90/91

230 VAC with limit switches in opening and closing

24 VDC, with magnetic encoder. Compatible with control units with BlueBUS, Solemyo and Opera technology

HY7005

HY7024



Underground installation, also available in a kit with bidirectional technology

For leaves up to 2.3 m, 24 VDC, non-reversible, mechanical limit switches in opening and closing.

S-Fab
S-Fabkit BD
pagg. 92/93

compatible with control units with provision for Solemyo

with magnetic encoder, compatible with control units with BlueBUS, Solemyo and Opera technology

KIT

KIT

SFAB2024

SFAB2024BDKCE

SFAB2124

SFAB2124BDKCE



Underground installation

For leaves up to 3 m,
non-reversible.

M-Fab
pagg. 94/95

24 VDC, with magnetic encoder.
Compatible with control units
with BlueBUS, Solemyo and Opera
technology

MFAB3024

230 VAC, grease lubricated

fast

MFAB3000

slow

MFAB3000L



For leaves up to 4 m,
non-reversible.

L-Fab
pagg. 96/97

24 VDC, with magnetic encoder.
Compatible with control units
with BlueBUS, Solemyo and Opera
technology

LFAB4024

230 VAC

LFAB4000



For leaves up to 5 m, non-reversible,
24 VDC, with magnetic encoder.
Compatible with control units
with BlueBUS,
Solemyo and Opera technology.

Big-Fab
pagg. 98/99

BFAB5024



Nice

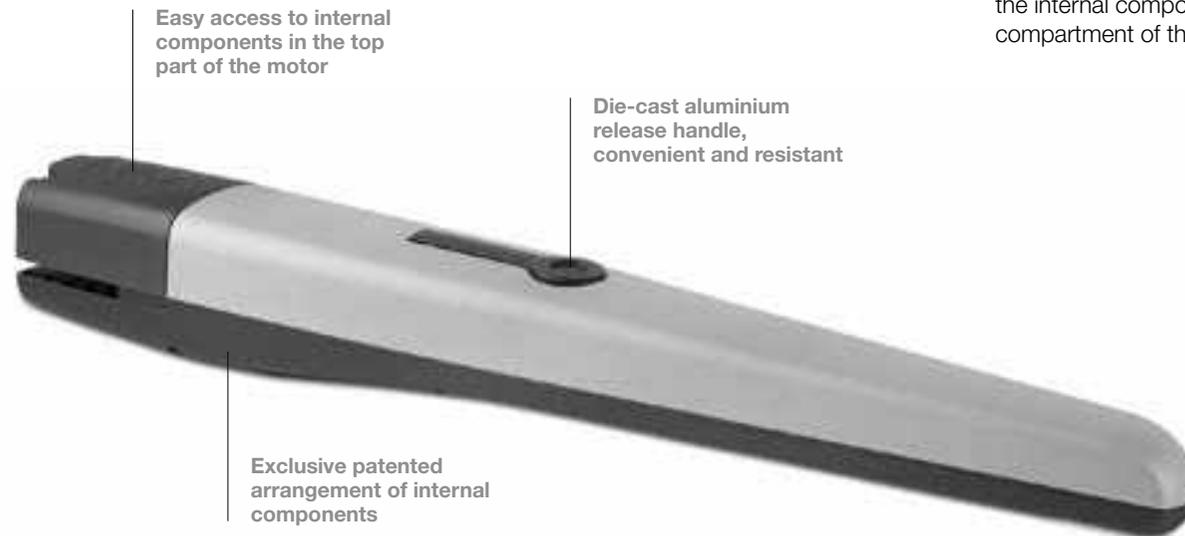
Toona 4

For swing gates with leaves up to 3 m.

Ideal for residential applications.



Also available in a KIT



Easy access to internal components in the top part of the motor

Die-cast aluminium release handle, convenient and resistant

Exclusive patented arrangement of internal components

Electromechanical gearmotor, surface mounted. Also available in 24 VDC version, with magnetic encoder.

Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

Moving internal parts made entirely of steel, light alloys and technopolymers.

Quiet: patented arrangement of internal components and bronze screw.

Handy, capacious connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Easy installation and maintenance: with built-in condenser.

Recommended control units: MC800, Moonclever MC824H for TO4024.

24 VDC version with magnetic encoder. **Ideal for intensive use**, compatible with Moonclever MC824H control unit.

BlueBus

BiDi

24V

Yubii

230V

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TO4024	Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening	20
TO4005	Non-reversible, 230 VAC, fast, with limit switch in opening	20
TO4006	Non-reversible, 230 VAC, fast, with limit switches in opening and closing	20
TO4015	Non-reversible, 230 VAC, slow, with limit switch in opening	20
TO4605	Reversible, 230 VAC, fast, with limit switch in opening	20
TOONA4024BDKCE	Kit for automating swing gates with leaves up to 3 m, 24 VDC, surface mounted, with bidirectional technology	12



The TOONA4024BDKCE kit contains:

Code	Description	Quantity
TO4024	Electromechanical gearmotor, non-reversible, surface mounted with mechanical stop in opening	2
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
MC824H	Control unit with OXIBD plug-in bidirectional radio receiver included	1
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
PLA6	Rear bracket, length 250 mm	1
PLA14	Screw-on adjustable rear bracket	2
PLA15	Screw-on adjustable front bracket	2
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
PLA13	Mechanical limit switch in opening or closing	4
TS	Sign	1

ACCESSORIES FOR 24 V VERSIONS

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	TO4024	TO4005	TO4006	TO4015	TO4605
------	--------	--------	--------	--------	--------

ELECTRICAL SPECIFICATIONS

Power supply (VAC 50 Hz)*	-	230			
Power supply (VDC)	24	-			
Draw (A)	5	1,5		1,3	
Power (W)	120	340		300	

PERFORMANCE DATA

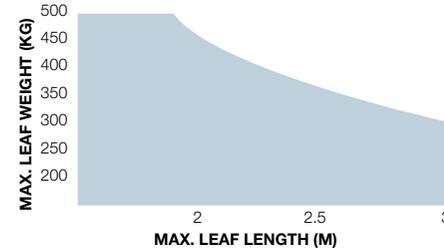
Speed (m/s)	0,016		0,013	0,016
Force (N)	1800			
Working cycle (cycles/hour)	95**	58	54	50

DIMENSIONAL AND GENERAL DATA

Protection class (IP)	44			
Operating temperature (°C Min/Max)	-20 ÷ +50			
Dimensions (mm)	820x115x105 h			
Weight (kg)	6			

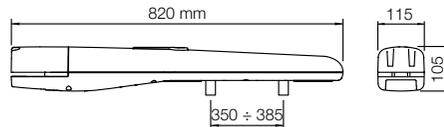
* 60 Hz version available on request. ** With optimal installation.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TO4024	TO4005	TO4006	TO4015	TO4605
Control unit/Receiver				
Integrated*				
• • • • • OXIBD / OXILR				
Transmitter				
• • • • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured				
• • • • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz				
• • • • • ERA ONE BD / ERA ONE LR				
• • • • • ERA FLOR / NICEWAY				
Photocells				
• • • • • EPS - Slim / EPM - Medium / EPL - Large				
• • • • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS				
• • • • • EPMOR - Medium, reflective				
• • • • • EPMORB - Medium, BlueBUS, reflective				
• • • • • EPMOW - Medium, wireless self-synchronised				
• • • • • F210 - Synchronised, adjustable / FT210 - For sensitive edges				
• • • • • F210B - BlueBUS				
FT210B - For sensitive edges, BlueBUS				
Flashing light				
• • • • • ELAC				
• ELDC				
• WLT - Multifunction LED light				

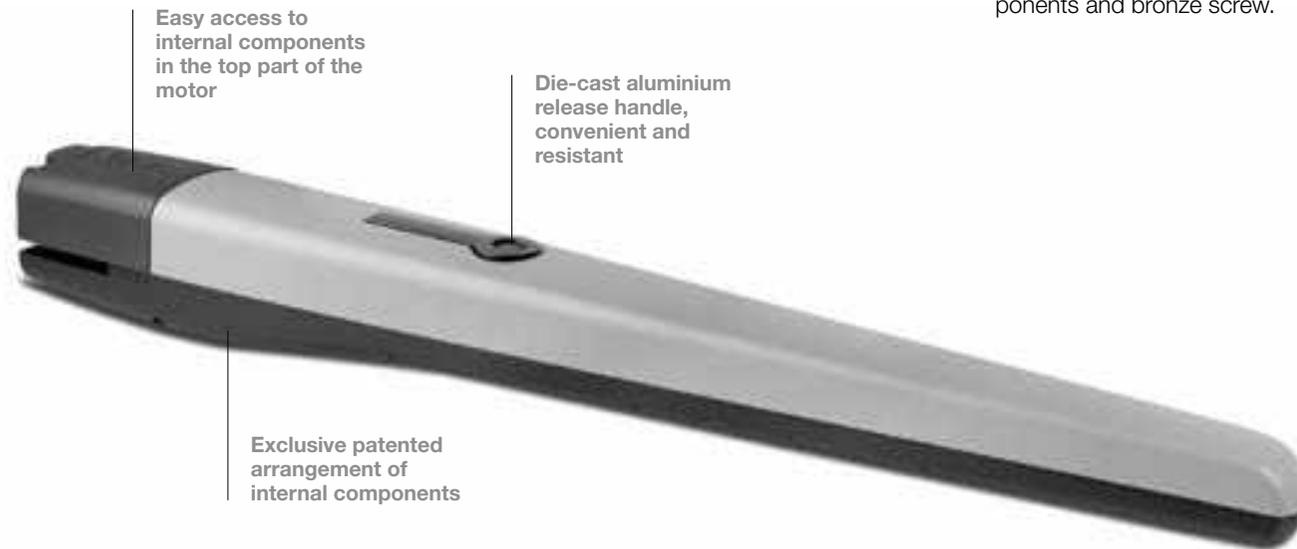
* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Toona 5

For swing gates with leaves up to 5 m.

Ideal for residential and industrial applications.



Easy access to internal components in the top part of the motor

Die-cast aluminium release handle, convenient and resistant

Exclusive patented arrangement of internal components

Electromechanical gearmotor, surface mounted. Also available in 24 VDC version, with magnetic encoder.

Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

Moving internal parts made entirely of steel, light alloys and technopolymers.

TO5024I ideal for intensive workloads, the 2200 Nm torque enables it to work in a continuous cycle on large gates.

Quiet: patented arrangement of internal components and bronze screw.

Handy, capacious connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Easy installation and maintenance: with built-in condenser.

Recommended control units: MC800, Moonclever MC824H for TO5024 and TO5024I.

24 VDC version with magnetic encoder. **Ideal for intensive use**, compatible with Moonclever MC824H control unit.

BlueBus

BiDi

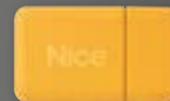
24V

Yubii

230V

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TO5024	Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening	20
TO5024I	Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening, for intensive use	20
TO5015	Non-reversible, 230 VAC, slow, with limit switch in opening	20
TO5016	Non-reversible, 230 VAC, slow, with limit switch in opening and closing	20
TO5605	Reversible, 230 VAC, fast, with limit switch in opening	20

COMMON ACCESSORIES

Code	Description	Pcs. Pack
PLA6	Rear bracket, length 250 mm	1
PLA8	Screw-on front bracket	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA13	Mechanical limit switch in opening or closing	4
TS	Sign	1

ACCESSORIES FOR 24 V VERSIONS

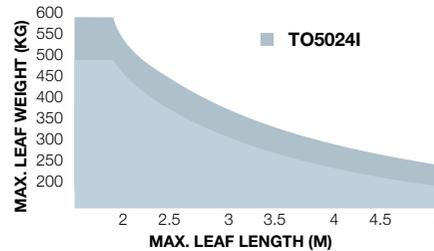
Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	TO5024	TO5024I	TO5015	TO5016	TO5605
ELECTRICAL SPECIFICATIONS					
Power supply (VAC 50 Hz)*	-		230		
Power supply (VDC)	24		-		
Draw (A)	5		1,5		1,3
Power (W)	120		340		300
PERFORMANCE DATA					
Speed (m/s)	0,016	0,013		0,016	
Force (N)	1800	2200	1800		
Working cycle (cycles/hour)	95**	75***		54	50
DIMENSIONAL AND GENERAL DATA					
Protection class (IP)	44				
Operating temperature (°C Min/Max)	-20 ÷ +50				
Dimensions (mm)	965x115x105 h				
Weight (kg)	7				

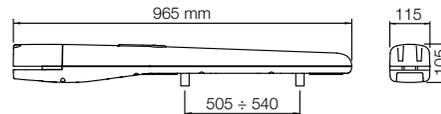
* 60 Hz version available on request. ** With optimal installation. *** The reduction in number of manoeuvres compared to the TO5024 version is solely related to the slower manoeuvring speed.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TO5024	TO5024I	TO5015	TO5016	TO5605
Control unit/Receiver				
Integrated*				
• • • • • OXIBD / OXILR				
Transmitter				
• • • • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured				
• • • • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz				
• • • • • ERA ONE BD / ERA ONE LR				
• • • • • ERA FLOR / NICEWAY				
Photocells				
• • • • EPS - Slim / EPM - Medium / EPL - Large				
• • • • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS				
• • • • EPMOR - Medium, reflective				
• • • • • EPMORB - Medium, BlueBUS, reflective				
• • • • • EPMOW - Medium, wireless self-synchronised				
• • • • F210 - Synchronised, adjustable / FT210 - For sensitive edges				
• • • • • F210B - BlueBUS				
FT210B - For sensitive edges, BlueBUS				
Flashing light				
• • • • ELAC				
• • • ELDC				
• • • WLT - Multifunction LED light				

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Toona 7

For swing gates with leaves up to 7 m.

Ideal for intensive-use industrial applications.

Electromechanical gearmotor, surface mounted, powered at 24 VDC with magnetic encoder.

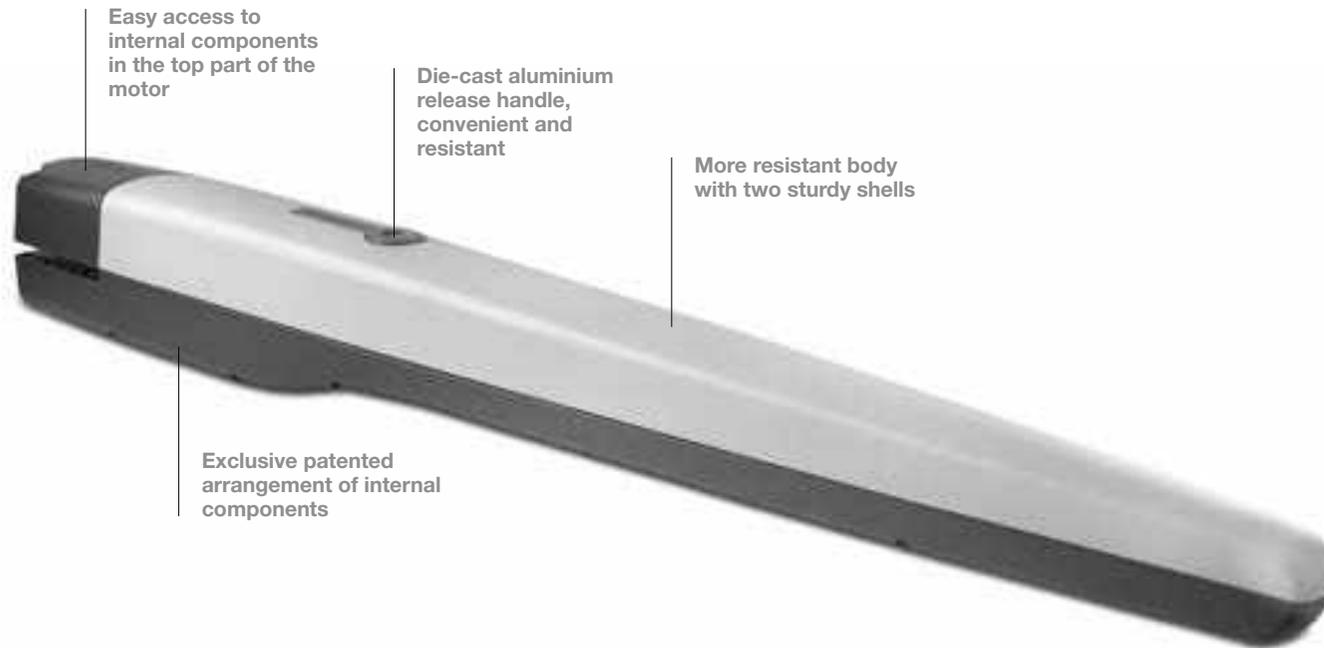
Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

Moving internal parts made entirely of steel, light alloys and technopolymers.

Quiet: patented arrangement of internal components and bronze screw.

Large, practical connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Moonclever MC824H control unit.



BlueBus

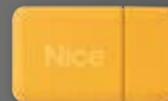
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TO7024	Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening and closing	20

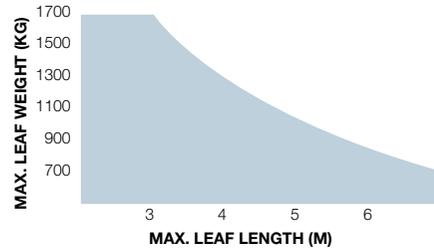
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

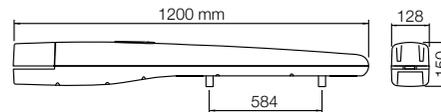
Code	TO7024
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	5
Power (W)	120
PERFORMANCE DATA	
Speed (m/s)	0,013
Force (N)	2700
Working cycle (cycles/hour)	41
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	1200x128x150 h
Weight (kg)	15

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TO7024

Control unit/Receiver

Integrated*

- **OXIBD / OXILR**

Transmitter

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
- **ERA ONE BD / ERA ONE LR**
- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised
- **F210** - Synchronised, adjustable / **FT210** - For sensitive edges
- **F210B** - BlueBUS
- **FT210B** - For sensitive edges, BlueBUS

Flashing light

ELAC

- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wingo4kit BD

For swing gates with leaves up to 2 m.



Available in a KIT



Electromechanical gearmotor, surface mounted.

Reliable and quiet: patented arrangement of internal components and fewer moving parts.

Easy to install: electrical connections from above, with gearmotor mounted.

Built-in condenser.

Easy release with personalised Nice key and standard lock.

Pre-mounted mechanical limit switches in opening.

MC800 control unit.

BlueBus

BiDi

230V

Yubii

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WINGO4BDKCE	Kit for automating swing gates with leaves up to 2 m, surface mounted, with bidirectional technology	12



The kit contains:

Code	Description	Quantity
WG4000	Electromechanical gearmotor, surface mounted with Nice key release and mechanical limit switch in opening	2
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
MC800	Control unit with OXIBD plug-in bidirectional radio receiver included	1
EPM	Pair of surface mounted photocells	1
ELAC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

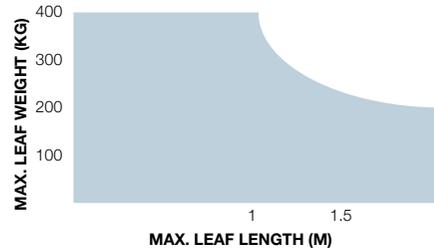
Code	Description	Pcs. Pack
PLA14	Screw-on adjustable rear bracket	2
PLA15	Screw-on adjustable front bracket	2

TECHNICAL SPECIFICATIONS

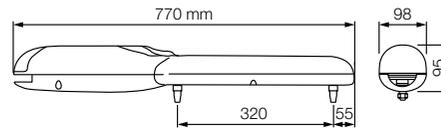
Code	WG4000
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50 Hz)*	230
Draw (A)	1,5
Power (W)	200
PERFORMANCE DATA	
Speed (m/s)	0,016
Force (N)	1500
Working cycle (cycles/hour)	30
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	770x98x95 h
Weight (kg)	6

* 60 Hz version available on request.

OPERATING LIMITS



DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WG4000	Control unit/Receiver
	Integrated*
	• OXIBD / OXILR
	Transmitter
	• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• ERA ONE BD / ERA ONE LR
	• ERA FLOR / NICEWAY
	Photocells
	• EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS	
• EPMOR - Medium, reflective	
• EPMORB - Medium, BlueBUS, reflective	
• EPMOW - Medium, wireless self-synchronised	
• F210 - Synchronised, adjustable / FT210 - For sensitive edges	
• F210B - BlueBUS	
• FT210B - For sensitive edges, BlueBUS	
Flashing light	
• ELAC	
ELDC	
• WLT - Multifunction LED light	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wingokit 4024 BD

For swing gates with leaves up to 2 m.



Available in a KIT



24V

BiDi

Yubii

Solemyo

Opera

Electromechanical gearmotor, 24 VDC, surface mounted.

Reliable and quiet: patented arrangement of internal components and fewer moving parts.

Easy to install: electrical connections from above, with gearmotor mounted.

Easy release with personalised Nice key and standard lock.

Pre-mounted mechanical limit switches in opening.

Moonclever MC424L control unit.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WINGO4024BDKCE	Kit for automating swing gates with leaves up to 2 m, 24 VDC, surface mounted, with bidirectional technology	12



The kit contains:

Code	Description	Quantity
WG4024	Electromechanical gearmotor, surface mounted with Nice key release and mechanical limit switch in opening	2
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
MC424L	Control unit with integrated radio receiver and OXIBD plug-in bidirectional radio receiver included	1
EPM	Pair of surface mounted photocells	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

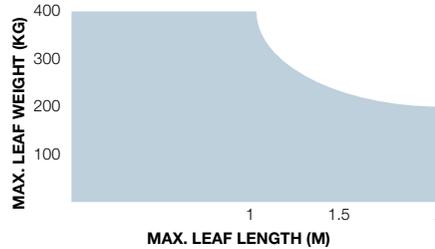
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS124	24 V battery with integrated battery charger	1
PLA14	Screw-on adjustable rear bracket	2
PLA15	Screw-on adjustable front bracket	2
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

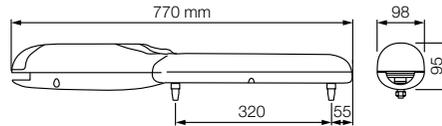
TECHNICAL SPECIFICATIONS

Code	WG4024
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	3,5
Power (W)	85
PERFORMANCE DATA	
Speed (m/s)	0,018
Force (N)	1500
Working cycle (cycles/hour)	30
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	770x98x95 h
Weight (kg)	6

OPERATING LIMITS



DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WG4024

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
• EPS - Slim / EPM - Medium / EPL - Large
EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
EPMORB - Medium, BlueBUS, reflective
EPMOW - Medium, wireless self-synchronised
• F210 - Synchronised, adjustable / FT210 - For sensitive edges
F210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wingo5kit BD

For swing gates with leaves up to 3.5 m.



Available in a KIT



Electromechanical gearmotor, surface mounted.

Reliable and quiet: patented arrangement of internal components and fewer moving parts.

Easy to install: electrical connections from above, with gearmotor mounted.

Easy release with personalised Nice key and standard lock.

Pre-mounted mechanical limit switches in opening.

MC800 control unit.

BlueBus

BiDi

230V

Yubii

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WINGO5BDKCE	Kit for automating swing gates with leaves up to 3.5 m, surface mounted, with bidirectional technology	12

**The kit contains:**

Code	Description	Quantity
WG5000	Electromechanical gearmotor, surface mounted with Nice key release and mechanical limit switch in opening	2
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
MC800	Control unit with OXIBD plug-in bidirectional radio receiver included	1
EPM	Pair of surface mounted photocells	1
ELAC	Flashing LED light with integrated antenna.	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

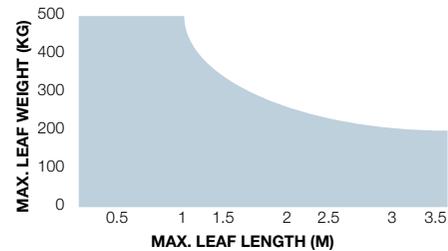
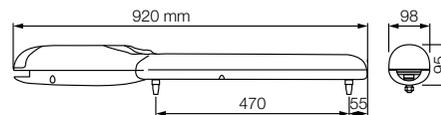
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PLA6	Rear bracket, length 250 mm	1
PLA8	Screw-on front bracket	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1

TECHNICAL SPECIFICATIONS

Code	WG5000
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50 Hz)*	230
Draw (A)	1,5
Power (W)	200
PERFORMANCE DATA	
Speed (m/s)	0,013
Force (N)	1700
Working cycle (cycles/hour)	30
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	920x98x95 h
Weight (kg)	6

* 60 Hz version available on request.

OPERATING LIMITS**DIMENSIONS****COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES**

WG5000

Control unit/Receiver**Integrated***

- **OXIBD / OXILR**

Transmitter

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
- **ERA ONE BD / ERA ONE LR**
- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised
- **F210** - Synchronised, adjustable / **FT210** - For sensitive edges
- **F210B** - BlueBUS
- **FT210B** - For sensitive edges, BlueBUS

Flashing light

- **ELAC**
- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wingokit 5024 BD

For swing gates with leaves up to 3.5 m.



Available in a KIT

Electromechanical gearmotor, 24 VDC, surface mounted.

Reliable and quiet: patented arrangement of internal components and fewer moving parts.

Easy to install: electrical connections from above, with gearmotor mounted.

Easy release with personalised Nice key and standard lock.

Pre-mounted mechanical limit switches in opening.

Moonclever MC424L control unit.



24V

BiDi

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WINGO5024BDKCE	Kit for automating swing gates with leaves up to 3.5 m, 24 VDC, surface mounted, with bidirectional technology	12

**The kit contains:**

Code	Description	Quantity
WG5024	Electromechanical gearmotor, surface mounted with Nice key release and mechanical limit switch in opening	2
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
MC424L	Control unit with integrated radio receiver and OXIBD plug-in bidirectional radio receiver included	1
EPM	Pair of surface mounted photocells	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

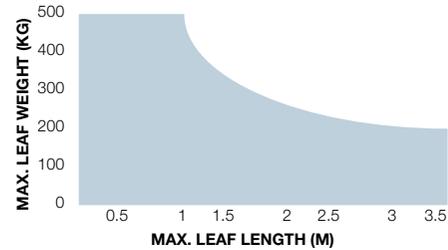
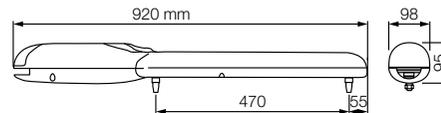
N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS124	24 V battery with integrated battery charger	1
PLA6	Rear bracket, length 250 mm	1
PLA8	Screw-on front bracket	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	WG5024
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	3,5
Power (W)	85
PERFORMANCE DATA	
Speed (m/s)	0,016
Force (N)	1500
Working cycle (cycles/hour)	30
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	920x98x95 h
Weight (kg)	6

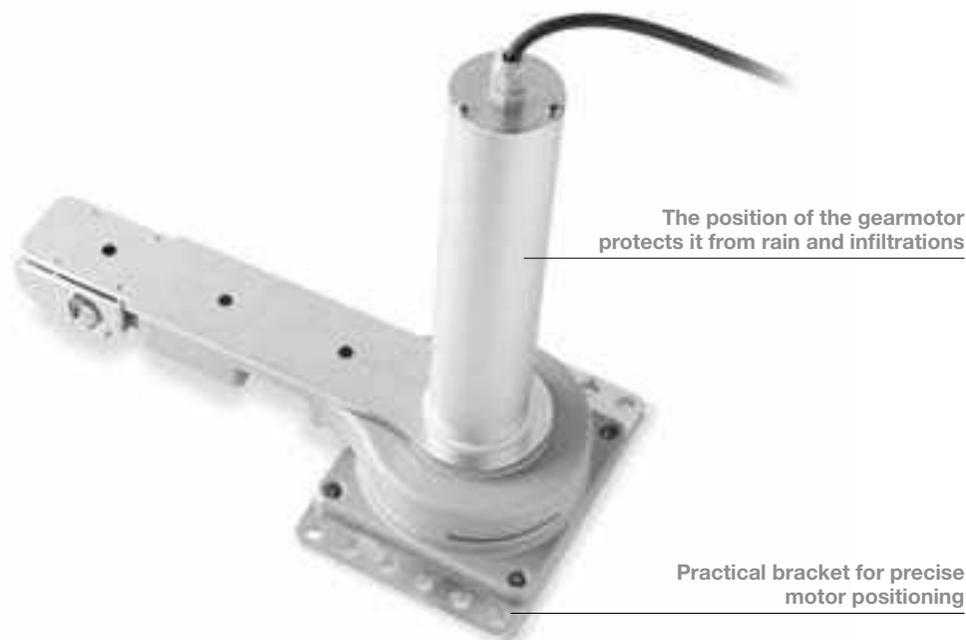
OPERATING LIMITS**DIMENSIONS**

Nice

Oltre 1824

For swing gates with leaves up to 1.8 m and 100 kg.

Concealed motor.



Electromechanical gearmotor, non-reversible, 24 VDC.

Minimum visual impact: the motor is small enough to be easily installed inside the profiles of the gate leaf or in very slim posts (with a minimum diameter of 55 mm).

Easy to install: the bottom-up installation simplifies fixing of the motor inside the post.

Resistant: die-cast aluminium structure, IP67, resists the most severe weather conditions.

Fast and reliable: complete opening (90°) of the leaf in about 10 seconds. Oltre has been tested for use at 60 cycles/hour, making it suitable for all contexts with intensive use.

Safe: easy-to-use external manual release; manual opening is always possible, without having to take the gate apart.

Dedicated Moonclever MC824L control unit.

BlueBus

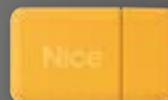
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
OLTRE1824	24 VDC non-reversible, for integrated installation in the post or leaf profile, with release lever	20

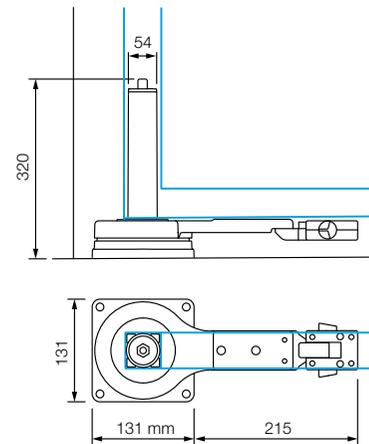
COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	OLTRE1824
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	1
Power (W)	25
PERFORMANCE DATA	
Speed (m/s)	1,5
Torque (Nm)	150
Working cycle (cycles/hour)	60
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	67
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	305x145x346 h
Weight (kg)	5,5

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

OLTRE1824

Control unit/Receiver

Integrated*

- **OXIBD / OXILR**

Transmitter

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
- **ERA ONE BD / ERA ONE LR**
- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised
- **F210** - Synchronised, adjustable / **FT210** - For sensitive edges
- **F210B** - BlueBUS
- **FT210B** - For sensitive edges, BlueBUS

Flashing light

ELAC

- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Walkykit 1024 BD

For swing gates with one leaf up to 1.8 m.

Ideal for wood or PVC gates.



Available in a KIT



Electromechanical gearmotor, non-reversible, 24 VDC, with articulated arm.

Ultra compact: ideal for pedestrian gates, recommended for small posts (8 cm wide).

Safe: thanks to the non-reversible motor and anti-shear arm with integrated mechanical limit switch in closing (with full-arm installation).

Practical: the articulated arm makes installation possible in particular conditions, such as the presence of walls or obstacles near the post.

Fast: no waiting in front of the gate, just 7 seconds to open or close (under optimal installation conditions, with reduced arm and 90° opening).

Convenient: LED flashing light for integrated installation, acting as a courtesy light (WLT, optional); quick motor release to operate the gate manually.

Integrated control unit.

No blackouts: operation in event of power failure with the optional batteries (PS424) housed in the motor.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
WALKY1024BDKCE	Kit for automating swing gates with one leaf up to 1.8 m, 24 VDC, with articulated arm, surface mounted, with bidirectional technology	18



The kit contains:

Code	Description	Quantity
WL1024C	Electromechanical gearmotor, surface mounted, with integrated control unit and OXIBD plug-in bidirectional radio receiver included	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

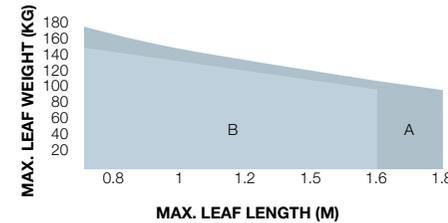
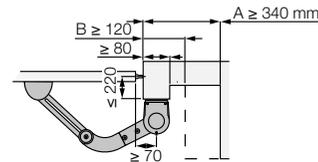
COMMON ACCESSORIES

Code	Description	Pcs. Pack
WLA1	Spare control unit for WL1024C	1
PS424	Buffer battery	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
WLT	Multifunction LED signal light	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

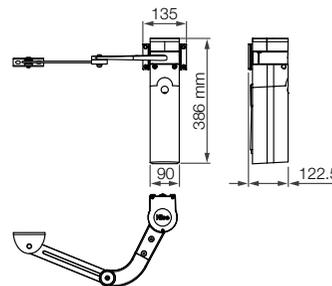
Code	WL1024C
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	0,8
Power (W)	120
PERFORMANCE DATA	
Speed (rpm)	1,5 - 2,2
Torque (Nm)	120
Working cycle (cycles/hour)	50
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	90x125x385 h
Weight (kg)	4,8

OPERATING LIMITS



A Full arm - **B** Reduced arm
The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WL1024C

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
FT210 - Synchronised, adjustable / FT210 - For sensitive edges
• FT210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Walkykit 2024 BD

For swing gates with leaves up to 1.8 m.

Ideal for wood or PVC gates.

 Available in a KIT



Electromechanical gearmotor, non-reversible, 24 VDC, with articulated arm.

Ultra compact: ideal for pedestrian gates, recommended for small posts (8 cm wide).

Safe: thanks to the non-reversible motor and anti-shear arm with integrated mechanical limit switch in closing (with full-arm installation).

Practical: the articulated arm makes installation possible in particular conditions, such as the presence of walls or obstacles near the post.

Fast: no waiting in front of the gate, just 7 seconds to open or close (under optimal installation conditions, with reduced arm and 90° opening).

Convenient: LED flashing light for integrated installation, acting as a courtesy light (WLT, optional); quick motor release to operate the gate manually.

Integrated control unit.

No blackouts: operation in event of power failure with the optional batteries (PS424) housed in the motor.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

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Find out more on page → 30

Code	Description	Pcs./Pallet
WALKY2024BDKCE	Kit for automating swing gates with leaves up to 1.8 m, 24 VDC, with articulated arm, surface mounted, with bidirectional technology	18



The kit contains:

Code	Description	Quantity
WL1024C	Electromechanical gearmotor, surface mounted, with integrated control unit and OXIBD plug-in bidirectional radio receiver included	1
WL1024	Electromechanical gearmotor, surface mounted, without control unit	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
WLT	Multifunction LED signal light	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

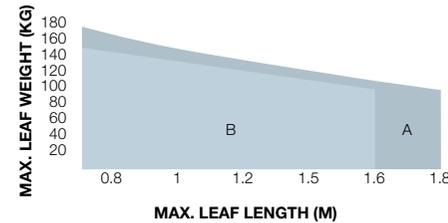
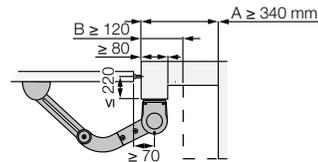
COMMON ACCESSORIES

Code	Description	Pcs. Pack
WLA1	Spare control unit for WL1024C	1
PS424	Buffer battery	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
WLT	Multifunction LED signal light	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

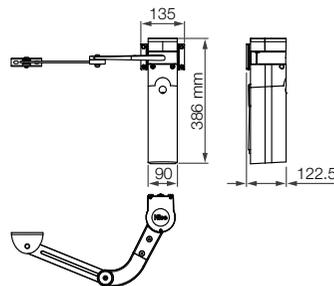
Code	WL1024C	WL1024
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	-
Power supply (VDC)	-	24
Draw (A)	0,8	2
Power (W)	120	30
PERFORMANCE DATA		
Speed (rpm)	1,5 - 2,2	
Torque (Nm)	120	
Working cycle (cycles/hour)	50	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	44	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	90x125x385 h	
Weight (kg)	4,8	4,3

OPERATING LIMITS



A Full arm - **B** Reduced arm
The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WL1024C
WL1024

Control unit/Receiver
Integrated*
<ul style="list-style-type: none"> • OXIBD / OXILR
Transmitter
<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD / ERA ONE LR • ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
<ul style="list-style-type: none"> • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
<ul style="list-style-type: none"> • F210B - BlueBUS FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
<ul style="list-style-type: none"> • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

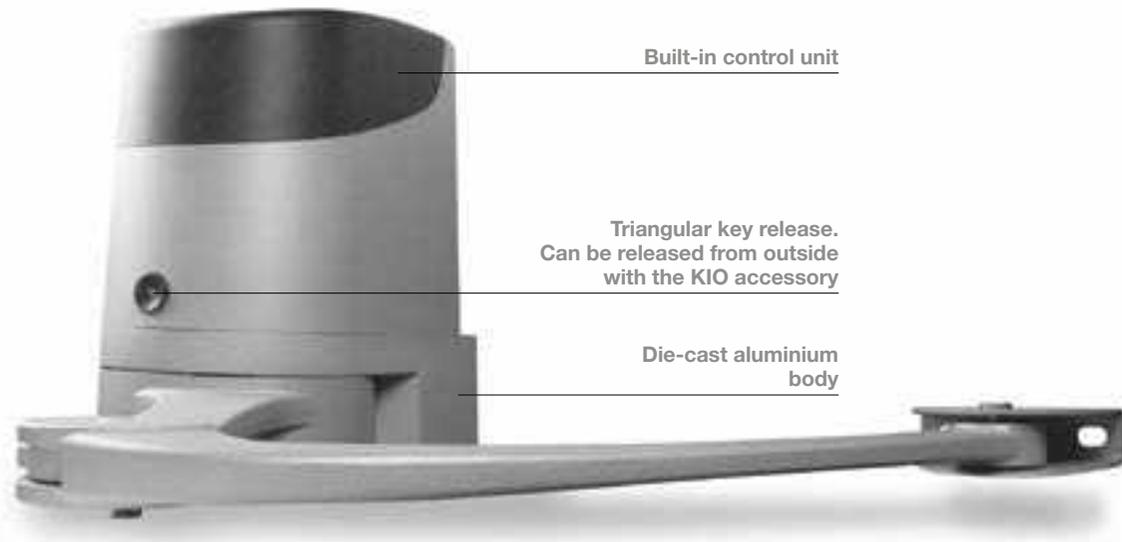
Hopp

For swing gates with leaves up to 2.4 m including with large posts and lightweight structures.

Ideal for intensive use.



Also available in a KIT



Built-in control unit

Triangular key release.
Can be released from outside
with the KIO accessory

Die-cast aluminium
body

Electromechanical gearmotor, non-reversible, 24 VDC, surface mounted, with articulated arm.

Two versions non-reversible, 24 VDC, mechanical stops with millimetric regulation in opening and closing: with integrated control unit (HO7124) and without control unit (HO7224).

Powerful thanks to the 250 Nm torque.

Resistant and compact: 180 mm wide, ideal for any post. Compact shockproof body with aluminium base.

Sturdy anti-shear aluminium arm.

Easy to install: thanks to the new fixing bracket with quick coupling for the motor. No welding.

Sophisticated electronics with integrated control unit, just 3 keys to manage programming operations.

Energy saving and no blackouts: 3 standby modes to reduce mains power consumption, or battery consumption if connected to the Solemyo kit. Operation even with no power thanks to the optional batteries (PS124).

Everything under control: thanks to provision for the Opera BUS T4 system, the Pro-View unit can be used to expand the automation programming, control and diagnostics possibilities, both locally and remotely.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
HO7124	Non-reversible, 24 VDC, complete with articulated arm, with integrated control unit	12
HO7224	Non-reversible, 24 VDC, complete with articulated arm, without control unit	12
HOPPBKCE	Kit for automating swing gates with leaves up to 2.4 m, 24 VDC, surface mounted, with bidirectional technology	12



The HOPPBKCE kit contains:

Code	Description	Quantity
HO7124	Electromechanical gearmotor, surface mounted, with control unit and OXIBD plug-in bidirectional radio receiver included	1
HO7224	Electromechanical gearmotor, surface mounted, without control unit	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

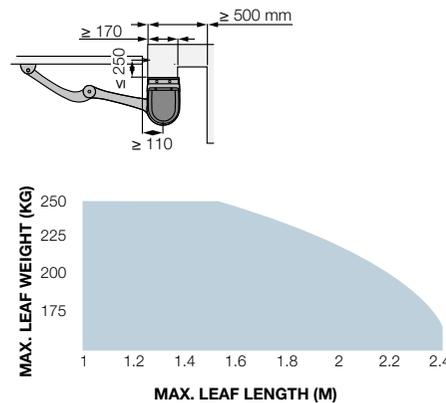
COMMON ACCESSORIES

Code	Description	Pcs. Pack
POA3	Spare control unit for HO7124	1
PS124	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

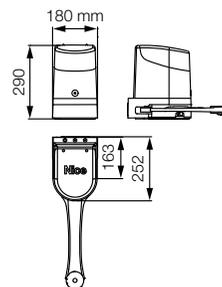
Code	HO7124	HO7224
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	-
Power supply (VDC)	-	24
Draw (A)	1,3	4
Power (W)	280	100
PERFORMANCE DATA		
Speed (rpm)		1,68
Torque (Nm)		250
Working cycle (cycles/hour)		35
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)		54
Operating temperature (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		252x180x290 h
Weight (kg)	9	6,5

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

HO7124

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Hyke

For swing gates with leaves up to 3.5 m, including with large posts.

Ideal for intensive use.



Also available in a KIT



Non-reversible electromechanical gearmotor, with articulated arm, surface mounted, 24 VDC, with magnetic encoder.

Reliable and with a long working life: weather resistant, thanks to the polyester painted aluminium body.

Safe: obstacle detection, monitoring of motor draw during travel, self-diagnostics via LED courtesy light and flashing light.

Provision for connecting latest generation 8.2 KOhm optical and resistive sensitive edges.

Two non-reversible versions, 24 VDC, with opening and closing limit switches: with integrated control unit (HK7024) and without control unit (HK7224).

Quick and practical installation: the length of the articulated arm can be adjusted for maximum flexibility.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

Easy to operate lever release: with metal lock and personalised Nice key. Provision for cable control.

Savings, respect for the environment, autonomy: connected to the buffer battery or the Solemyo kit, the stand-by consumption is just 0.1 W.

No blackouts: operation in event of power failure with the optional batteries (PS124) housed in the motor.

Integrated control unit (HK7024).

BlueBus

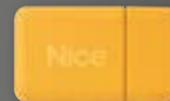
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
HK7024	Non-reversible, 24 VDC, complete with articulated arm, with integrated control unit	12
HK7224	Non-reversible, 24 VDC, complete with articulated arm, without control unit	12
HYKEBDKCE	Kit for automating swing gates with leaves up to 3.5 m, 24 VDC, with articulated arm, surface mounted, with bidirectional technology	12



The HYKEBDKCE kit contains:

Code	Description	Quantity
HK7024	Electromechanical gearmotor, surface mounted, with control unit and OXIBD plug-in bidirectional radio receiver included	1
HK7224	Electromechanical gearmotor, surface mounted, without control unit	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

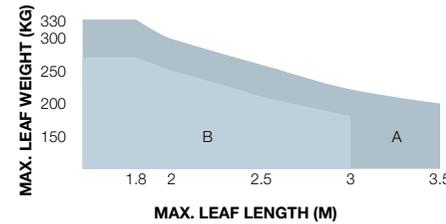
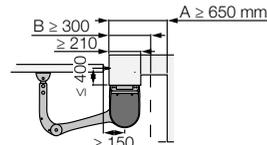
COMMON ACCESSORIES

Code	Description	Pcs. Pack
HKA2	Spare control unit for HK7024	1
PS124	24 V battery with integrated battery charger	1
PLA10	Vertical 12 V electric lock (obligatory for leaves longer than 3 m)	1
PLA11	Horizontal 12 V electric lock (obligatory for leaves longer than 3 m)	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

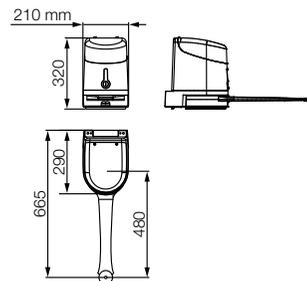
Code	HK7024	HK7224
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	-
Power supply (VDC)	-	24
Draw (A)	1,5	6
Power (W)	300	140
PERFORMANCE DATA		
Speed (rpm)		1,5
Torque (Nm)		500
Working cycle (cycles/hour)		40
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)		54
Operating temperature (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		290x210x320 h
Weight (kg)	10,5	9,5

OPERATING LIMITS



A Full arm - **B** Reduced arm
The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

HK7024

Control unit/Receiver

Integrated*

- **OXIBD / OXILR**

Transmitter

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
- **ERA ONE BD / ERA ONE LR**
- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS

EPMOR - Medium, reflective

- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised

F210 - Synchronised, adjustable / **FT210** - For sensitive edges

- **F210B** - BlueBUS

FT210B - For sensitive edges, BlueBUS

Flashing light

ELAC

- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Hyppo 7000

For swing gates with leaves up to 3 m, including with large posts.

Non-reversible electromechanical gearmotor, also available in 24 VDC version, with magnetic encoder and articulated arm, surface mounted.

Single version for right or left leaf.

Two non-reversible models, powered at 230 VAC (HY7005) and 24 VDC (HY7024), with magnetic encoder.

Quick and easy installation: thanks to fewer connections, no welding to the gate.

Pre-wired built-in double limit switch in both opening and closing (HY7005).

Long working life: 100% metal mechanics.

Compact: shockproof body with no sharp edges.

Recommended control units: Moonclever MC800 for HY7005; Moonclever MC824H for HY7024.

24 VDC version with magnetic encoder. **Ideal for intensive use**, compatible with Moonclever MC824H control unit.



Cast aluminium key release, with protected key, provision for release from outside

Sturdy anti-shear articulated arm, galvanised and painted; reinforced at points subject to greatest mechanical stress

BlueBus

BiDi

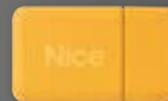
24V

Yubii

230V

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
HY7024	Non-reversible, 24 VDC, with magnetic encoder, complete with anti-shear articulated arm, galvanised and painted	16
HY7005	Non-reversible, 230 VAC, complete with anti-shear articulated arm, galvanised and painted, with limit switches in opening and closing	16

COMMON ACCESSORIES

Code	Description	Pcs. Pack
HYA12	Enlarged articulated arm (see diagram)	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
TS	Sign	1

ACCESSORIES FOR 24 V VERSIONS

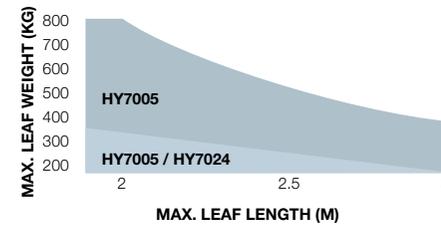
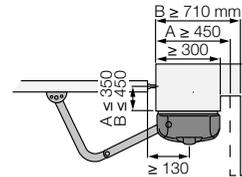
Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	HY7024	HY7005
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50 Hz)*	-	230
Power supply (VDC)	24	-
Draw (A)	5	1,2
Power (W)	120	258
PERFORMANCE DATA		
Speed (rpm)	2	1,7
Torque (Nm)	250	400
Work cycle (%)	80	30
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)		43
Operating temperature (°C Min/Max)		-20 ÷ +50
Dimensions (mm)		350x165x242 h
Weight (kg)		13

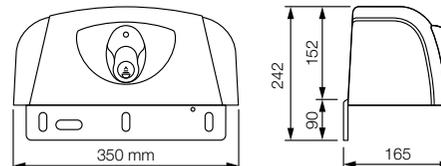
* 60 Hz version available on request.

OPERATING LIMITS



A Standard arm - **B** HYA12 accessory arm
The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

Code	Control unit/Receiver
HY7024	Integrated*
HY7005	<ul style="list-style-type: none"> • OXIBD / OXILR
	Transmitter
	<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD / ERA ONE LR • ERA FLOR / NICEWAY
	Photocells
	<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
	Flashing light
	<ul style="list-style-type: none"> • ELAC • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

S-Fab

For swing gates with leaves up to 2.3 m, underground installation, very compact.

 Also available in a KIT



Electrophoretic painted steel box

Waterproof, IP67 protection class

Electromechanical gearmotor, non-reversible, 24 VDC, ideal for intensive use.

Resistant and inconspicuous: compact foundation box just 81 mm high.

The electrophoretic painted steel guarantees high corrosion resistance, the 2.5 mm thickness provides solidity. All this with just 52 mm protruding from the ground.

Quick and easy installation: thanks to the lever on the gearmotor acting directly on the leaf.

Opening up to 180° as standard.

Reliable and sturdy: the IP67 die-cast aluminium gearmotor is suspended inside the box to allow any deposits to drain for guaranteed water resistance.

Self-supporting foundation box with adjustable mechanical stops in opening and closing: the gearmotor can also be installed at a later date.

Practical release from inside and outside, acting directly on the gearmotor, easy to operate with the special key.

SFAB2024 is compatible with the Moonclever MC424L control unit, with provision for Solemyo and Opera systems.

SFAB2124 with magnetic encoder, compatible with the Moonclever MC824H control unit, with BlueBUS technology and provision for Solemyo and Opera systems.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera

Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SFAB2024	Non-reversible, 24 VDC	18
SFAB2124	Non-reversible, 24 VDC, with magnetic encoder	18
SFABBOX	Electrophoretic painted steel foundation box. Complete with leaf attachment lever and mechanical stops in opening and closing	18
SFAB2024BDKCE	Kit for automating swing gates with leaves up to 2.3 m, 24 VDC, underground installation, with bidirectional technology	12*
SFAB2124BDKCE	Kit for automating swing gates with leaves up to 2.3 m, 24 VDC, underground installation, with bidirectional technology and magnetic encoder	12*



The SFAB2024BDKCE kit contains:

Code	Description	Quantity
SFAB2024	24 VDC non-reversible electromechanical gearmotor	2
SFABBOX	Foundation boxes	2
MC424L	Control unit with integrated radio receiver and OXIBD plug-in bidirectional radio receiver included	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPM	Pair of surface mounted photocells	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

* N.B. The contents of the pack may vary: always consult the dealer.



The SFAB2124BDKCE kit contains:

Code	Description	Quantity
SFAB2124	Non-reversible electromechanical gearmotor, 24 VDC, with magnetic encoder	2
SFABBOX	Foundation boxes	2
MC824H	Control unit with OXIBD plug-in bidirectional radio receiver included	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

* N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

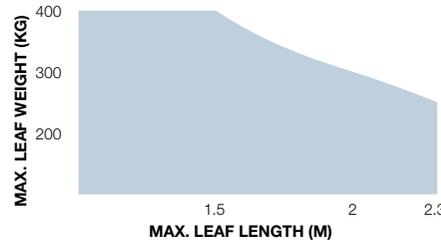
Code	Description	Pcs. Pack
PS124	24 V battery with integrated battery charger for SFAB2024	1
PS324	24 V battery with integrated battery charger for SFAB2124	1
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SFAB2024	SFAB2124
ELECTRICAL SPECIFICATIONS		
Power supply (VDC)	24	
Draw (A)	5	
Power (W)	120	
PERFORMANCE DATA		
Speed (rpm)	1,25	
Torque (Nm)	250	
Working cycle (cycles/hour)*	60	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	67	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	235x206x96,5 h	
Weight (kg)	6	

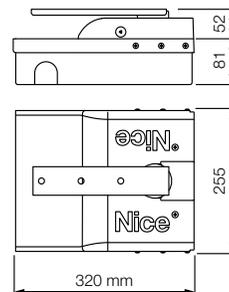
* The indicated value must be halved in the case of opening up to 180°.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

Control unit/Receiver
Integrated*
• • OXIBD / OXILR
Transmitter
• • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• • ERA ONE BD / ERA ONE LR
• • ERA FLOR / NICEWAY
Photocells
• EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
• F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
• FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• • ELDC
• • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

M-Fab

For swing gates with leaves up to 3 m, concealed underground installation.

Even more reliable and resistant



Non-reversible electromechanical gearmotor, also available in 24 VDC version, with magnetic encoder.

3 versions of M-Fab gearmotor.

Moulded Fab Box foundation boxes with mechanical stop in opening:

- **in stainless steel** (MFABBOXI), ideal for use in extreme conditions;
- **electrophoretic painted** (MFABBOX), with high resistance to corrosion.

Reliable and resistant: motors with solid metal internal components. New IP67 waterproof die-cast aluminium.

Maximum freedom of choice: release from inside and outside, two freely combinable key or lever-operated models, easy to operate with one hand.

Easy to use: mechanical stop system in closing. Standard 110° opening, 360° optional.

Totally compatible with the previous Metro series.

Recommended control units: Moonclever MC800 for MFAB3000 and MFAB3000L; Moonclever MC824H for MFAB3024.

24 VDC version with magnetic encoder.

Ideal for intensive use, compatible with Moonclever MC824H control unit.

Waterproof, IP67 protection class

FAB BOX foundation boxes

BlueBus

BiDi

24V

Yubii

230V

Solemyo

Opera

Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
MFAB3024	Non-reversible, 24 VDC, with magnetic encoder, complete with connecting lever and mechanical stop in closing	18
MFAB3000	Non-reversible, 230 VAC, fast, grease lubricated, complete with connecting lever and mechanical stop in closing	18
MFAB3000L	Non-reversible, 230 VAC, slow, grease lubricated, complete with connecting lever and mechanical stop in closing	18

Code	Description	Pcs./Pallet
MFABBOXI	Externally chamfered stainless steel foundation box with mechanical stop in opening	20
MFABBOX	Electrophoretic painted, externally chamfered foundation box with mechanical stop in opening	20

NOTE: key release freely combinable, choosing between models MEA2 and MEA3.

COMMON ACCESSORIES

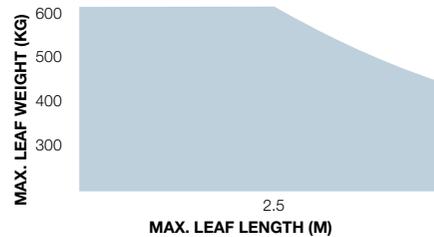
Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
MEA2	Key release	1
MEA3	Lever key release for use when installing on surfaces such as sand or earth	1
MEA5	Lever key for release	4
MEA6	Limit bracket, for installations where the foundation box cannot be embedded in concrete	4
MEA1	Accessory for opening up to 360° for leaves up to 2.5 m long	4
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	MFAB3024	MFAB3000	MFAB3000L
ELECTRICAL SPECIFICATIONS			
Power supply (VAC 50 Hz)*	-	230	
Power supply (VDC)	24	-	
Draw (A)	5	1,2	1,3
Power (W)	120	250	300
PERFORMANCE DATA			
Speed (rpm)	1,4	1,14	0,8
Torque (Nm)	250	300	250
Working cycle (cycles/hour)**	76	30	20
DIMENSIONAL AND GENERAL DATA			
Protection class (IP)	67		
Operating temperature (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	390x322x194,5 h		
Weight (kg)	11		

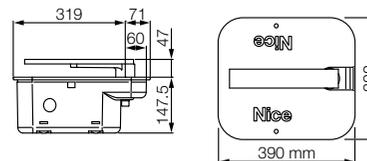
* 60 Hz version available on request. ** The indicated value must be halved in the case of opening up to 180°.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

MFAB3024	MFAB3000	MFAB3000L
Control unit/Receiver		
Integrated*		
• • • OXIBD / OXILR		
Transmitter		
• • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured		
• • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz		
• • • ERA ONE BD / ERA ONE LR		
• • • ERA FLOR / NICEWAY		
Photocells		
• • • EPS - Slim / EPM - Medium / EPL - Large		
• • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS		
• • • EPMOR - Medium, reflective		
• • • EPMORB - Medium, BlueBUS, reflective		
• • • EPMOW - Medium, wireless self-synchronised		
• • • F210 - Synchronised, adjustable / FT210 - For sensitive edges		
• • • F210B - BlueBUS		
FT210B - For sensitive edges, BlueBUS		
Flashing light		
• • • ELAC		
• • • ELDC		
• • • WLT - Multifunction LED light		

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

L-Fab

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

Reliable and resistant



Waterproof, IP67 protection class

Non-reversible electromechanical gearmotor, also available in 24 VDC version, with magnetic encoder and mechanical stops.

Foundation boxes with mechanical stop in opening:

- **in stainless steel** (LFABBOX4I), ideal for use in extreme conditions;
- **electrophoretic painted** (LFABBOX4), with high resistance to corrosion.

Maximum freedom of choice: release from inside and outside, two freely combinable key or lever-operated models, easy to operate with one hand.

Simple installation: mechanical stop system in closing integrated in motor. Standard 110° opening, 360° optional.

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

The LFAB4000 is compatible with the Moonclever MC800 control unit.

BlueBus

BiDi

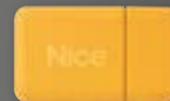
24V

Yubii

230V

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
LFAB4000	Non-reversible, 230 VAC, with mechanical limit switch in closing	18
LFAB4024	Non-reversible, 24 VDC, with magnetic encoder and mechanical limit switch in closing	18

Code	Description	Pcs./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 freely combinable, choosing between models MEA2 and MEA3.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
BMA3	Release with lever key	1
MEA5	Lever key for release	4
BMA1	Accessory for opening up to 360° for leaves up to 3.5 m long	1
BMA2	Adapter for installing two motors, compatible with most foundation boxes on the market	4
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
TS	Sign	1

ACCESSORIES FOR 24 V VERSIONS

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	LFAB4024	LFAB4000
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)*	-	230
Power supply (VDC)	24	-
Draw (A)	5	1,5
Power (W)	120	340
PERFORMANCE DATA		
Speed (rpm)	1	0,8
Torque (Nm)	300	500
Working cycle (cycles/hour)**	60	20

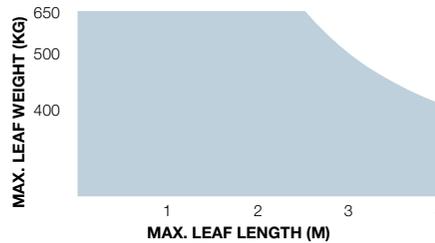
DIMENSIONAL AND GENERAL DATA

Protection class (IP)	67	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	400x325x152 h	
Weight (kg)	12,5	14,3

* With foundation box. ** The value indicated must be halved in the case of opening up to 180° - using the BMA1 accessory.

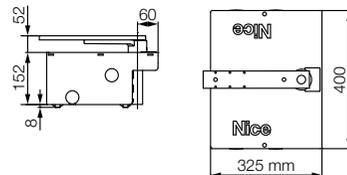
Foundation box	LFABBOX4
Weight (kg)	14,4

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

LFAB4000	LFAB4024
Control unit/Receiver	
Integrated*	
<ul style="list-style-type: none"> • • OXIBD / OXILR 	
Transmitter	
<ul style="list-style-type: none"> • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • • ERA ONE BD / ERA ONE LR • ERA FLOR / NICEWAY 	
Photocells	
<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • • EPMORB - Medium, BlueBUS, reflective • • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS 	
Flashing light	
<ul style="list-style-type: none"> • ELAC • ELDC • WLT - Multifunction LED light 	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Big-Fab

For swing gates with leaves up to 5 m, concealed underground installation.

Even more reliable and resistant



Waterproof, IP67 protection class

Electromechanical gearmotor, 24 VDC, with magnetic encoder and mechanical stops.

Foundation boxes with mechanical stop in opening:

- **in stainless steel** (BFABBOXI), ideal for use in extreme conditions;
- **electrophoretic painted** (BFABBOX), with high resistance to corrosion.

Maximum freedom of choice: release from inside and outside, two freely combinable key or lever-operated models, easy to operate with one hand.

Easy to use: mechanical stop system in closing integrated in motor. Standard 110° opening, 360° optional.

Ideal for intensive use, compatible with Mo-onclever MC824H control unit.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
BFAB5024	Non-reversible, 24 VDC, with magnetic encoder and mechanical limit switch in closing	18
Code	Description	Pcs./Pallet
BFABBOX	Electrophoretic painted foundation box with mechanical limit switch in opening	18
BFABBOXI	Stainless steel foundation box with mechanical limit switch in opening	18

NOTE: key release freely combinable, choosing between models MEA2 and MEA3.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
BMA3	Release with lever key	1
MEA5	Lever key for release	4
BMA1	Accessory for opening up to 360° for leaves up to 3.5 m long	1
BMA2	Adapter for installing two motors, compatible with most foundation boxes on the market	4
PLA10	Vertical 12 V electric lock	1
PLA11	Horizontal 12 V electric lock	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

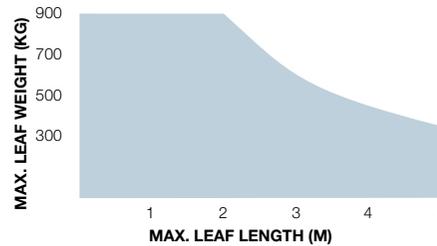
TECHNICAL SPECIFICATIONS

Code	BFAB5024
ELECTRICAL SPECIFICATIONS	
Power supply (VDC)	24
Draw (A)	7
Power (W)	170
PERFORMANCE DATA	
Speed (rpm)	0,8
Torque (Nm)	400
Working cycle (cycles/hour)**	45
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	67
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)*	400x325x152 h
Weight (kg)	13,3

* With foundation box. ** The value indicated must be halved in the case of opening up to 180° - using the BMA1 accessory.

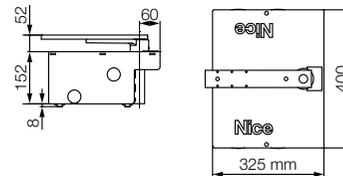
Foundation box	BFABBOX
Weight (kg)	20,3

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

BFAB5024	Control unit/Receiver
	Integrated*
	• OXIBD / OXILR
	Transmitter
	• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• ERA ONE BD / ERA ONE LR
	• ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS	
EPMOR - Medium, reflective	
• EPMORB - Medium, BlueBUS, reflective	
• EPMOW - Medium, wireless self-synchronised	
F210 - Synchronised, adjustable / FT210 - For sensitive edges	
• F210B - BlueBUS	
FT210B - For sensitive edges, BlueBUS	
Flashing light	
ELAC	
• ELDC	
• WLT - Multifunction LED light	

* Radio receiver not compatible with the O-box functions of the Opera system.

Accessories for swing gates

COMMON ACCESSORIES



PLA6
Rear bracket, length 250 mm.
Pcs./pack 1



PLA8
Screw-on front bracket.
Pcs./pack 1



PLA10
Vertical 12 V electric lock.
Pcs./pack 1



PLA11
Horizontal 12 V electric lock.
Pcs./pack 1



PLA13
Mechanical limit switch in opening or closing.
Pcs./pack 4



PLA14
Screw-on adjustable rear bracket.
Pcs./pack 2



PLA15
Screw-on adjustable front bracket.
Pcs./pack 2



HYA12
Enlarged articulated arm (see diagram).
Pcs./pack 1



MEA1
Accessory for opening up to 360° for leaves up to 2.5 m long.
Pcs./pack 4



MEA2
Key release.
Pcs./pack 1



MEA3
Lever key release for use when installing on surfaces such as sand or earth.
Pcs./pack 1



MEA5
Lever key for release.
Pcs./pack 4



MEA6
Limit bracket, for installations where the foundation box cannot be embedded in concrete.
Pcs./pack 4



BMA3
Release with lever key.
Pcs./pack 1



BMA1
Accessory for opening up to 360° for leaves up to 3.5 m long.
Pcs./pack 1



BMA2
Adapters for installing two motors, compatible with most foundation boxes on the market.
Pcs./pack 4



KIO
Key switch for low-voltage contacts, with release mechanism for metal cable.
Pcs./pack 1



KA1
Kit with 6 m metal cable for KIO.
Pcs./pack 1

SPARE CONTROL UNITS



WLT
Multifunction LED signal light. See page 203.
Pcs./pack 1



TS
Sign.
Pcs./pack 1



WLA1
Spare control unit for WL1024C.
Pcs./pack 1



PS424
Buffer batteries.
Pcs./pack 1



POA3
Spare control unit for HO7124.
Pcs./pack 1



HKA2
Spare control unit for HK7024.
Pcs./pack 1



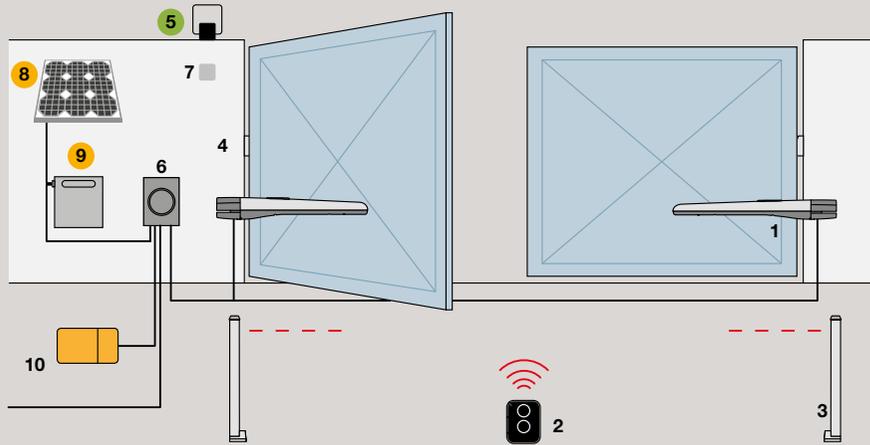
PS324
24 V battery with integrated battery charger.
Pcs./pack 1



PS124
24 V battery with integrated battery charger.
Pcs./pack 1

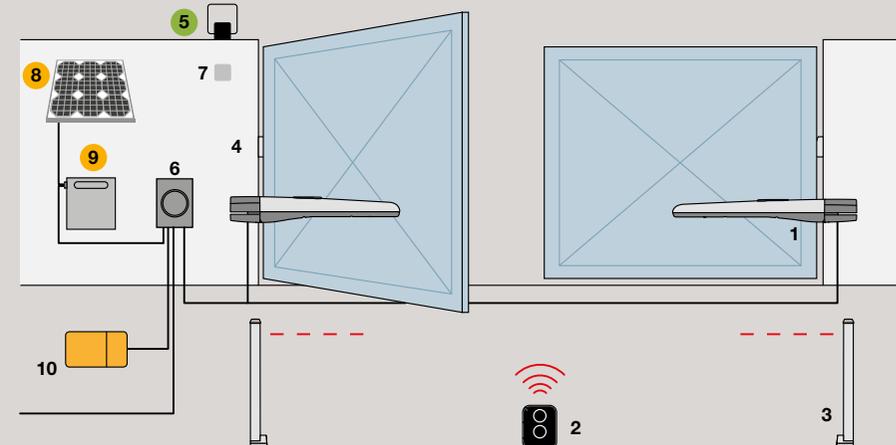
ACCESSORIES FOR 24 V VERSIONS

Standard installation diagram for swing gates



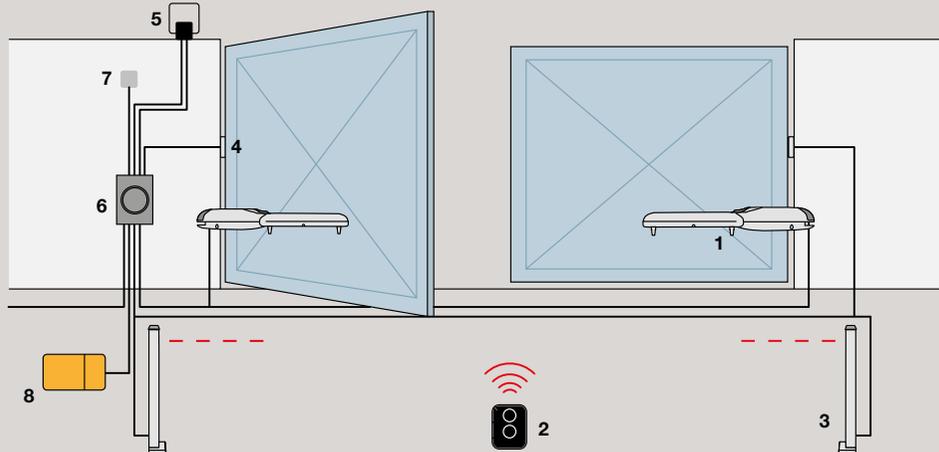
TOONA 4, TOONA 5, TOONAKIT BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



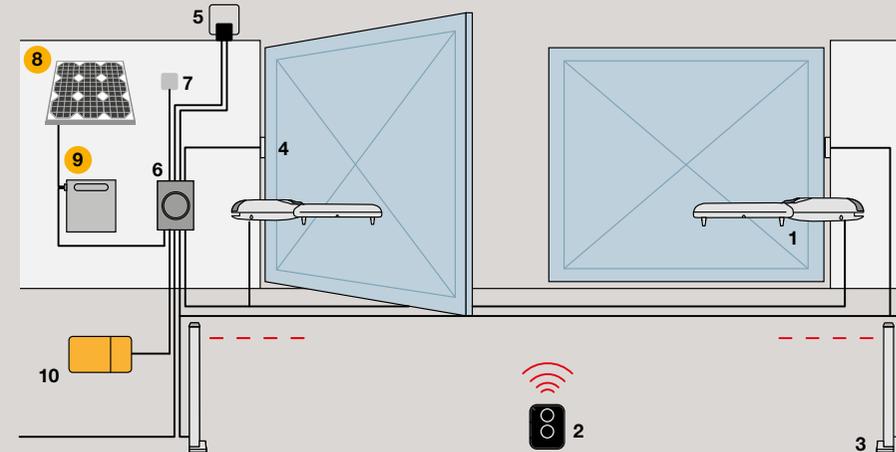
TOONA 7

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



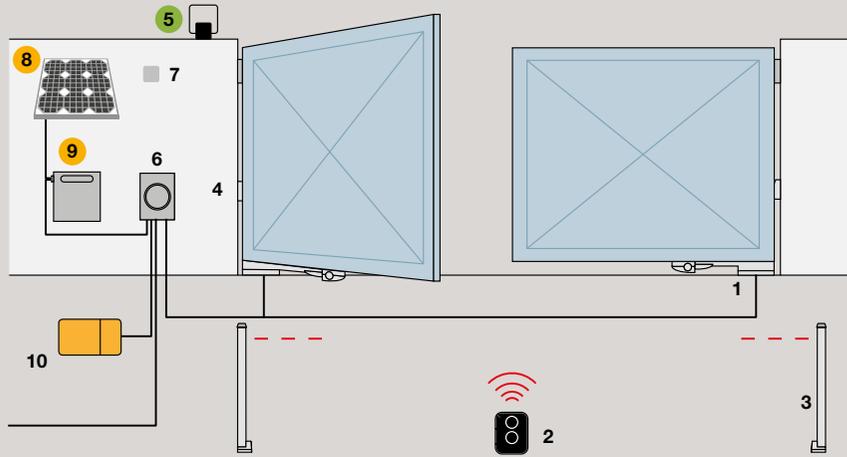
WINGO4KIT BD, WINGO5KIT BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. Pro-View multifunction interface



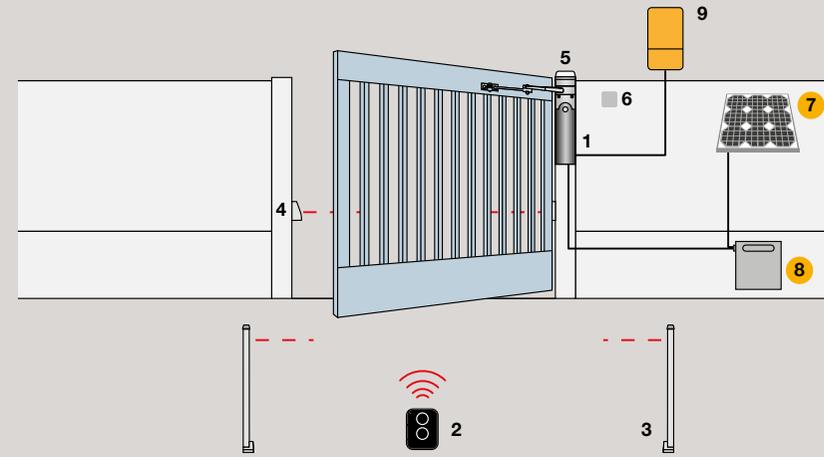
WINGOKIT 4024 BD, WINGOKIT 5024 BS

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Solemyo solar power accessories



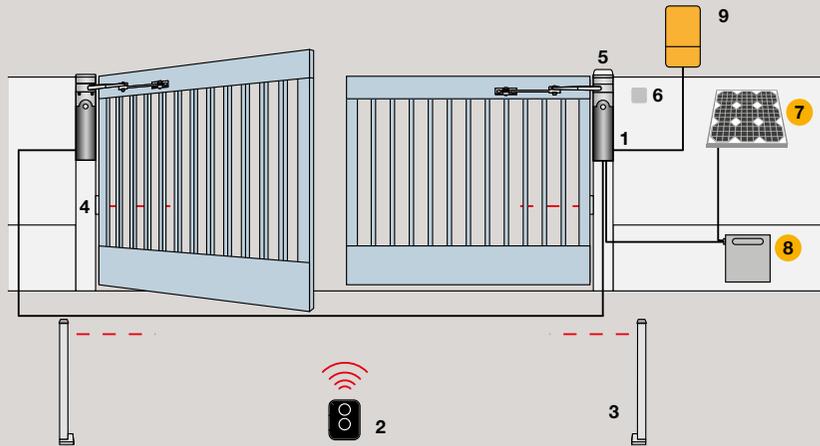
OLTRE 1824

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



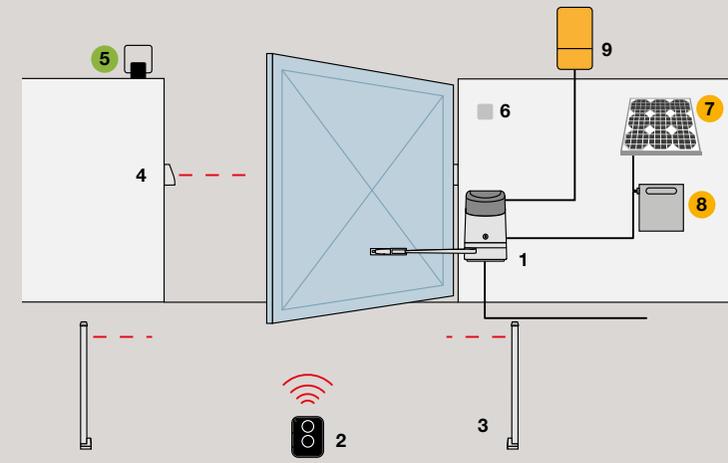
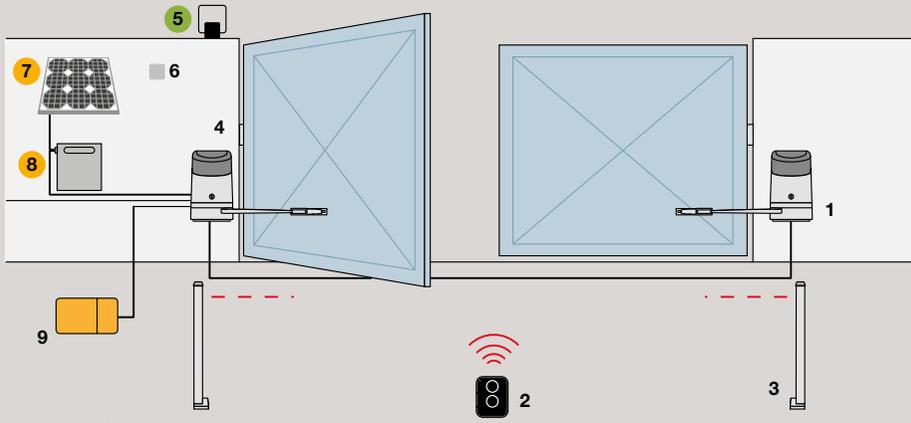
WALKYKIT 1024 BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Digital or key switch 7. SYP solar panel
 8. PSY24 battery box 9. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



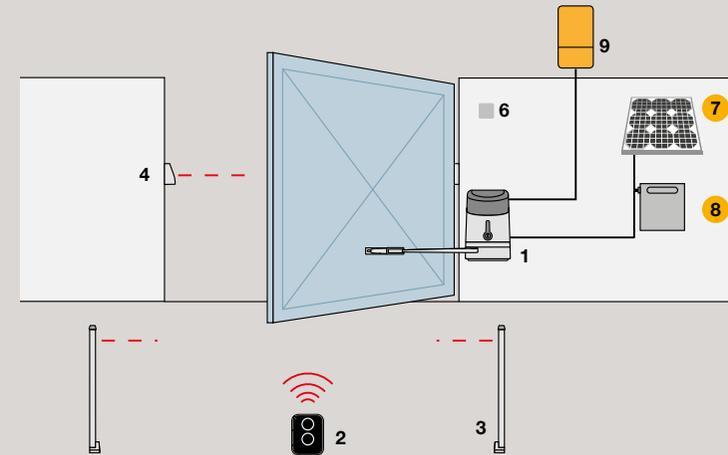
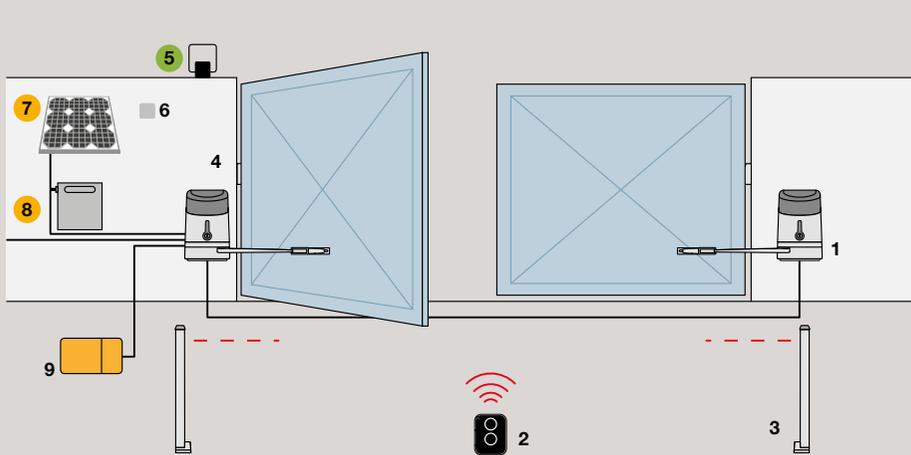
WALKYKIT 2024 BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Digital or key switch 7. SYP solar panel
 8. PSY24 battery box 9. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



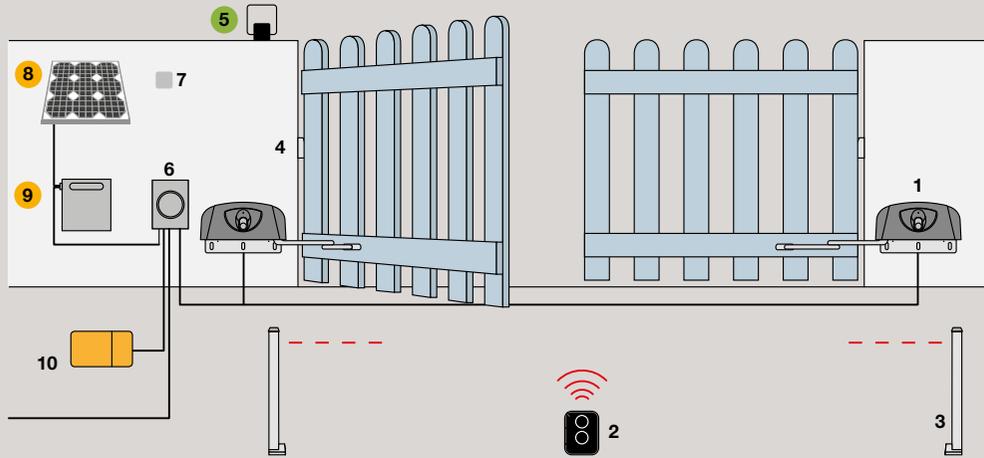
HOPP, HOPPKIT BD

- 1 . Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
- 6 . Digital or key switch 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface (for PP7124 only)
- Accessories also available in wireless version **Solemyo Air Net System**
- Solemyo solar power **accessories**



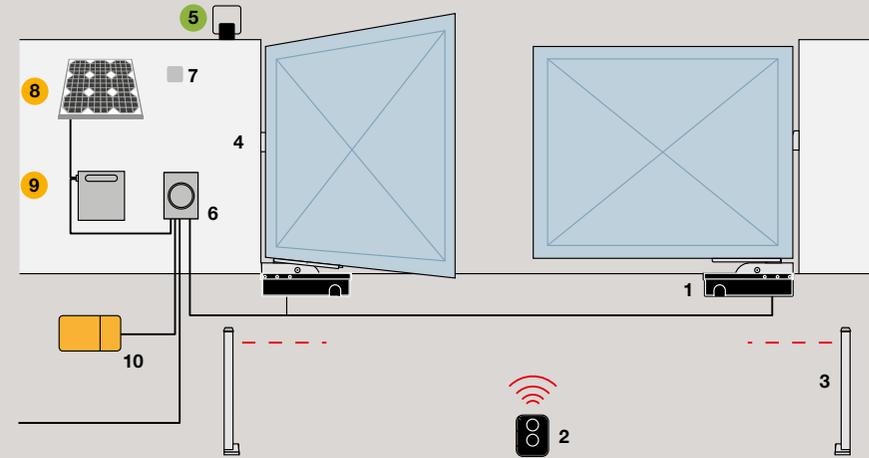
HYKE

- 1 . Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
- 6 . Digital or key switch 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface (for PP7124 only)
- Accessories also available in wireless version **Solemyo Air Net System**
- Solemyo solar power **accessories**



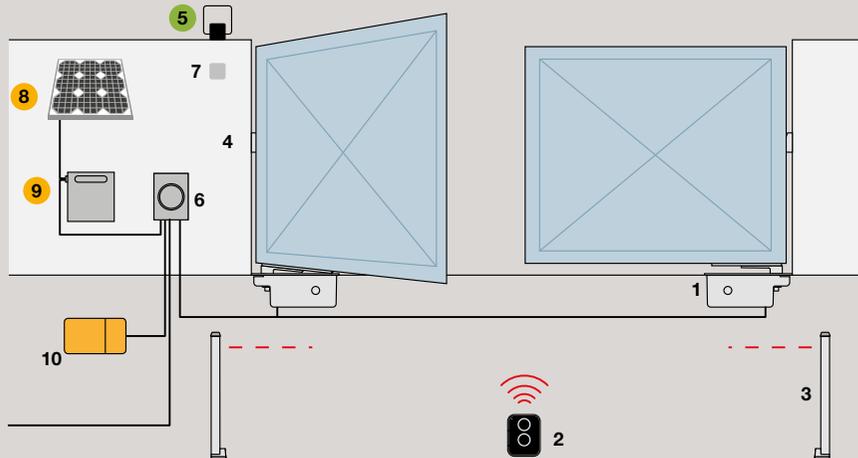
HYPPO 7000

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



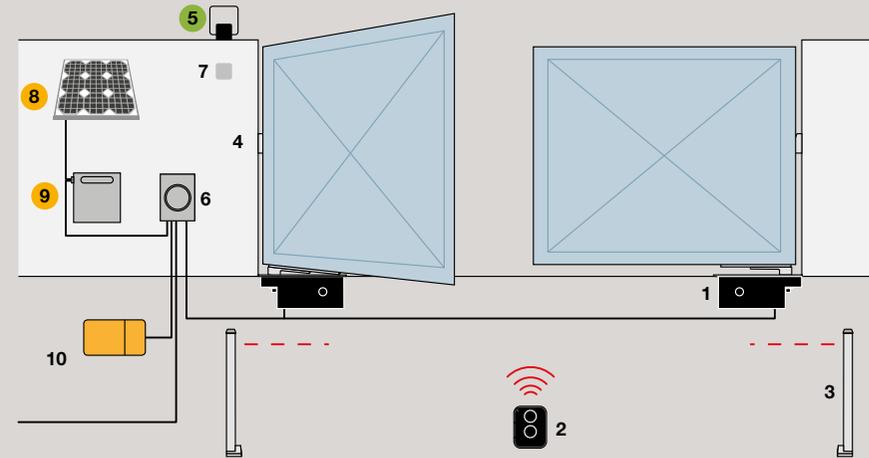
S-FAB, S-FABKIT 2124 BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



M-FAB

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



L-FAB, BIG-FAB

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch
 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



Systems for sliding gates

Selection guide	106
Naked Sliding 400	108
Slight	110
Robus 400/600/1000	112
Roadkit	114
Robo 600	116
Run 1500	118
Run 1800/2500	120
Tub	122

Selection guide

For residential use, including for integrated installation in post, also available in a kit with bidirectional technology

Non-reversible, 24 VDC, with integrated control unit and absolute encoder. With BlueBUS technology, provision for Solemyo and Opera, for integrated installation in post.

Naked Sliding 400
pages 108/109

for sliding gates up to 400 kg

NKSL400

Non-reversible, 24 VDC, with integrated control unit and absolute encoder. With BlueBUS technology, provision for Solemyo and Opera.

Slight
Slight kit BD
pages 110/111

for sliding gates up to 400 kg

SLH400

KIT

SLH400BDKCE



For residential use, also available in a kit with bidirectional technology

Non-reversible, 24 VDC, with integrated control unit. With BlueBUS technology, provision for Solemyo and Opera.

Robus
Robus kit BD
pages 112/113

for gates up to 400 kg
electromechanical limit switch

RB400

KIT

RB400BDKCE

for gates up to 600 kg

electromechanical limit switch

RB600

KIT

RB600BDKCE

inductive limit switch

RB600P

for gates up to 1000 kg

electromechanical limit switch

RB1000

inductive limit switch

RB1000P



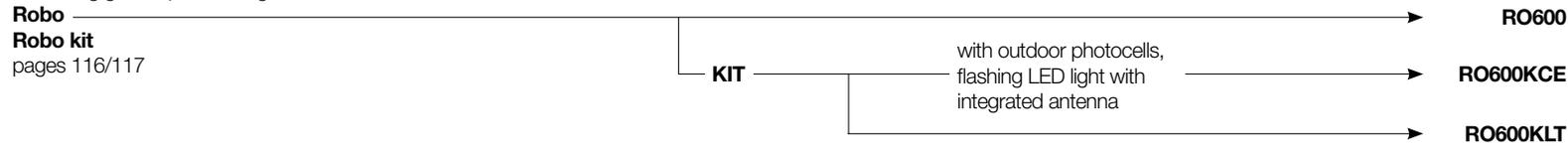
Non-reversible, 24 VDC, with integrated control unit. For gates up to 400 kg, with leaves up to 6 m.

Road kit
pages 114/115

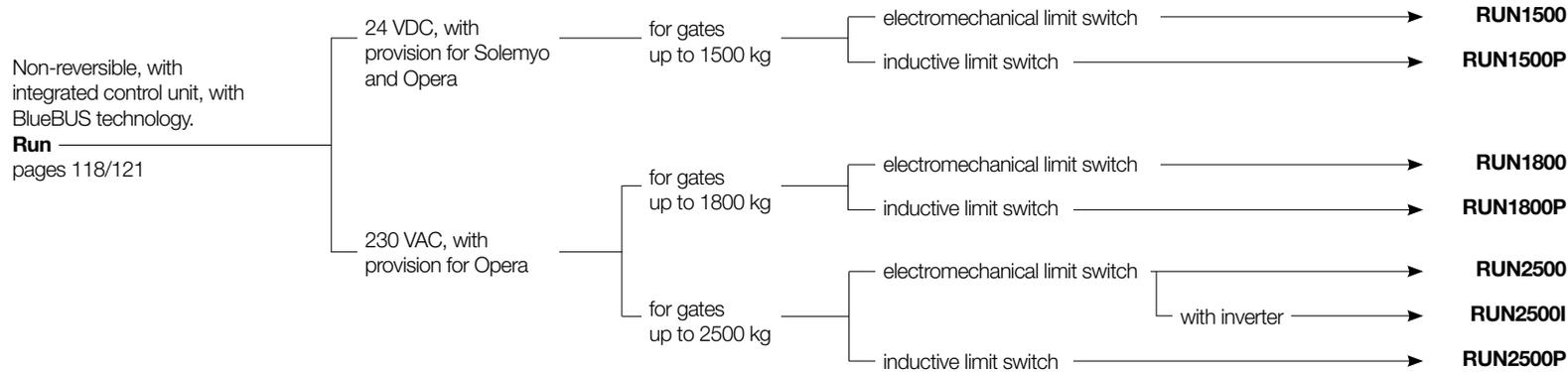
RDKCE



Non-reversible, 230 VAC, electromechanical limit switch, control unit with integrated radio receiver.
For sliding gates up to 600 kg.



For residential and industrial use



For industrial use



Nice

Naked Sliding 400

The first concealed Nice motor for sliding gates up to 400 kg and with a leaf up to 6 m.

Motor with integrated control unit and absolute encoder, can be installed inside a small, suitably drilled post.

The **very small size** allows the motor to be housed in even very slim posts, with a minimum internal size of 140x140 mm.

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Master/slave selection: also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

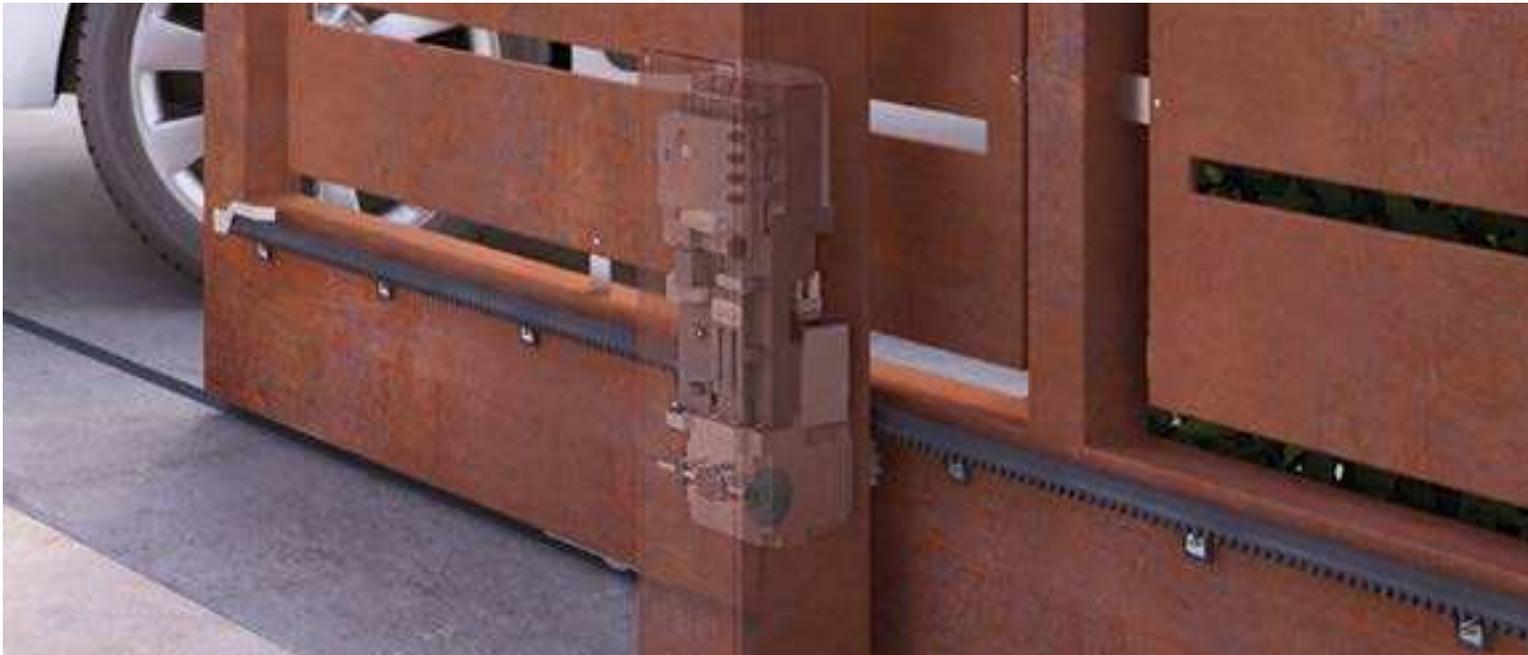
Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Simple and precise limit switch regulation: integrated absolute limit switch, rapid learning in a single movement with motor released.

Practical: control unit and PS124 buffer batteries (optional) connected by practical guided plug-in connector.

Flexible: the release can be provided on both sides of the post and/or outside (with KIO and KA1 accessories). Easy installation even on existing posts.



BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
NKSL400	Non-reversible, 24 VDC, with integrated control unit and absolute encoder, for integrated installation in post	16

COMMON ACCESSORIES

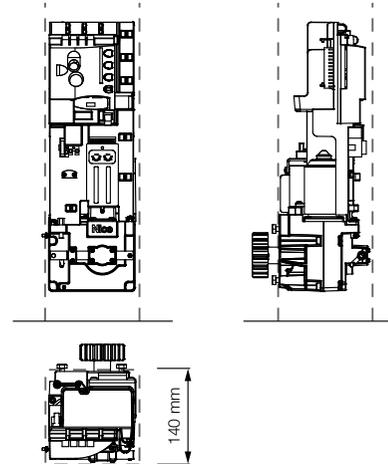
Code	Description	Pcs. Pack
NKA3	Control units	1
PS124	24 V battery with integrated battery charger	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg	10
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	NKSL400
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	1,1
Power (W)	250
PERFORMANCE DATA	
Speed (m/s)	0,34
Force (N)	400
Working cycle (cycles/hour)	35
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44*
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	131x135x405 h
Weight (kg)	6,5

* The protection class of the installed automation is determined by the "motor + post" composition.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

NKSL400

Control unit/Receiver
Integrated*
<ul style="list-style-type: none"> • OXIBD / OXILR
Transmitter
<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD / ERA ONE LR • ERA FLOR / NICEWAY
Photocells
<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
<ul style="list-style-type: none"> • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Slight

For sliding gates up to 400 kg with leaves up to 6 m.



Also available in a KIT

LED courtesy
or flashing
light



Motor with integrated control unit and absolute encoder.

Innovative ultra-compact design: the vertical configuration of the motor makes it easy to install even in narrow openings.

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Integrated LED light: programmable as either a flashing or courtesy light, warns of gate movement during opening and closing.

Master/slave selection: also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Integrated absolute limit switch.

- simple and precise regulation thanks to the rapid learning in a single movement with the motor released;
- no bracket or accessory to be installed on the rack;
- particularly suitable for snowy areas.

Practical: control unit and PS124 buffer batteries (optional) connected by practical guided plug-in connector.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SLH400	Non-reversible, 24 VDC, with integrated control unit and absolute encoder. Integrated LED light	16
SLH400BDKCE	Kit for automating sliding gates up to 400 kg, non-reversible, 24 VDC, with integrated control unit and absolute encoder, integrated LED light, with bidirectional technology	16



The SLH400BDKCE kit contains:

Code	Description	Quantity
SLH400	Non-reversible electromechanical gearmotor, with control unit and OXIBD plug-in bidirectional radio receiver included, absolute encoder and integrated LED light	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

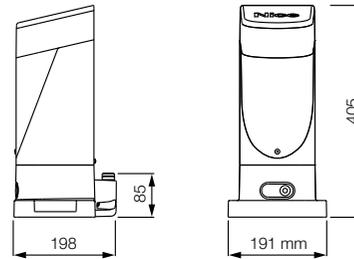
COMMON ACCESSORIES

Code	Description	Pcs. Pack
NKA3	Control units	1
PS124	24 V battery with integrated battery charger	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg	10
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SLH400
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	1,1
Power (W)	250
PERFORMANCE DATA	
Speed (m/s)	0,34
Force (N)	400
Working cycle (cycles/hour)	35
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	191x198x405 h
Weight (kg)	6,5

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SLH400

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
• FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Robus 400/600/1000

For sliding gates up to 400 kg (RB400),
600 kg (RB600) and 1000 kg (RB1000).

 Also available in a KIT

Versions with electromechanical limit switch (RB400/RB600/RB1000) and inductive limit switch (RB600P/RB1000P).

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Practical: control unit and PS124 buffer batteries (optional) connected by practical guided plug-in connector.

Advanced: RB400, RB600 and RB1000 are fitted with a temperature sensor that adapts the motor force to the climatic conditions while at the same time adjusting the thermal protection. A master/slave selection also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light. 8 programming levels.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Sturdy: release with aluminium handle for easy opening.

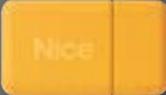
Quiet: gearmotor on bearings.



- BlueBus
- 24V
- BiDi
- Yubii
- Solemyo
- Opera

Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.

Find out more on page → 30

Code	Description	Pcs./Pallet
RB400	Non-reversible, 24 VDC, with integrated control unit, electromechanical limit switch, for gates up to 400 kg	15
RB600	Non-reversible, 24 VDC, with integrated control unit, electromechanical limit switch, for gates up to 600 kg	15
RB600P	Non-reversible, 24 VDC, with integrated control unit, inductive limit switch, for gates up to 600 kg	15
RB1000	Non-reversible, 24 VDC, with integrated control unit, electromechanical limit switch, for gates up to 1000 kg	15
RB1000P	Non-reversible, 24 VDC, with integrated control unit, inductive limit switch, for gates up to 1000 kg	15
RB400BDKCE	Kit for automating sliding gates up to 400 kg. 24 VDC, integrated control unit, with bidirectional technology	14
RB600BDKCE	Kit for automating sliding gates up to 600 kg. 24 VDC, integrated control unit, with bidirectional technology	14



The RB400BDKCE kit contains:

Code	Description	Quantity
RB400	Non-reversible electromechanical gearmotor, with integrated control unit and OXIBD plug-in bidirectional radio receiver for connection via Nice BlueBUS	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1



The RB600BDKCE kit contains:

Code	Description	Quantity
RB600	Non-reversible electromechanical gearmotor, with integrated control unit and OXIBD plug-in bidirectional radio receiver for connection via Nice BlueBUS	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	2
EPMB	Pair of surface mounted photocells with provision for connection via Nice BlueBUS	1
ELDC	Flashing LED light with integrated antenna	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

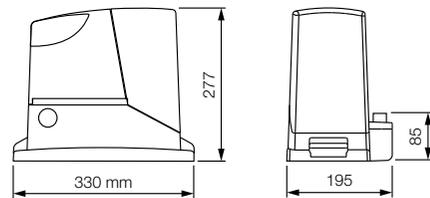
Code	Description	Pcs. Pack
RBA3	Spare control unit, for RB400, RB600/600P, RB1000/1000P and RUN1500/1500P	1
PS124	24 V battery with integrated battery charger	1
RBA1	Inductive limit switch	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg	10
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

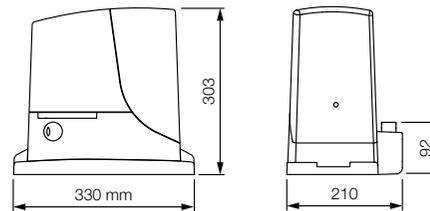
Code	RB400	RB600/600P	RB1000/1000P
ELECTRICAL SPECIFICATIONS			
Power supply (VAC 50/60 Hz)	230		
Draw (A)	1,1	2,5	2,3
Power (W)	250	515	450
PERFORMANCE DATA			
Speed (m/s)	0,34	0,31	0,28
Force (N)	400	600	900
Working cycle (cycles/hour)	35	40	50
DIMENSIONAL AND GENERAL DATA			
Protection class (IP)	44		
Operating temperature (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	330x195x277 h	330x210x303 h	
Weight (kg)	8	11	13

DIMENSIONS

RB400



RB600/RB1000



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RB400 RB600/600P RB1000/1000P	Control unit/Receiver
	Integrated*
	• • • OXIBD / OXILR
	Transmitter
	• • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• • • ERA ONE BD / ERA ONE LR
	• • • ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
	• • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
	• • • EPMOR - Medium, reflective
	• • • EPMORB - Medium, BlueBUS, reflective
	• • • EPMOW - Medium, wireless self-synchronised
	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	• • • F210B - BlueBUS
	• • • FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
	• • • ELDC
	• • • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Roadkit

For sliding gates up to 400 kg.



Available in a KIT



24V

Opera

Practical: integrated control unit, removable via practical guided plug-in connector, integrated radio receiver also compatible with the Flo and Smilo series: can store up to 100 codes!

Advanced: Decelerations can be managed directly from the control unit and gate movement speed and force can be adjusted.

Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light.

Practical and reliable: control unit and PS124 buffer batteries (optional) housed in Road, practical plug-in connections.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
RDKCE	Kit for sliding gates up to 400 kg and with leaves up to 6 m, 24 VDC, with integrated receiver and control unit	-

**The kit contains:**

Code	Description	Quantity
RD400	Non-reversible electromechanical gearmotor, 24 VDC, with integrated receiver and control unit, provision for PS124 buffer battery (optional)	1
FLO2RE	Transmitter, 433.92 MHz, 2 channels	2
EPM	Pair of surface mounted photocells	1
ELAC	Flashing LED light with integrated antenna	1
TS	Sign	1

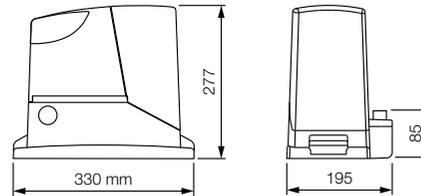
N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
RBA4	Spare control unit for RDKCE	1
PS124	24 V battery with integrated battery charger	1
CM-B	Release ratchet with two metal keys	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg	10
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10

TECHNICAL SPECIFICATIONS

Code	RD400
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	1,1
Power (W)	210
PERFORMANCE DATA	
Speed (m/s)	0,25
Force (N)	400
Working cycle (cycles/hour)	20
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	330x195x277 h
Weight (kg)	8

DIMENSIONS**COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES****RD400****Control unit/Receiver**

- **Integrated***

OXIBD / OXILR**Transmitter**

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz

ERA ONE BD / ERA ONE LR

- **ERA FLOR / NICEWAY**

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised

- **F210** - Synchronised, adjustable / **FT210** - For sensitive edges

F210B - BlueBUS**FT210B** - For sensitive edges, BlueBUS**Flashing light****ELAC**

- **ELDC**
- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Robo 600

For sliding gates weighing up to 600 kg.



Also available in a KIT

INNOVATIVE DESIGN,
HIGH EFFICIENCY

2023 News



BlueBus

Opera

230V

Non-reversible, 230 VAC, electromechanical limit switch, control unit with integrated radio receiver.

Efficient and safe: functional mechanical design and high-performance materials.
Safe and easy-to-operate release lever.

Easy to programme thanks to the MyNice Pro app, connecting the control unit to the Pro-View or via BiDi-WiFi makes all phases in programming the control unit easy and automatic.

Easy to install: thanks to compatibility with previous Nice models and the horizontal and vertical adjustment systems.

Always connected even remotely, thanks to the BIDI-WIFI or BIDI-ZWAVE module.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description
RO600	Non-reversible electromechanical gearmotor, 230 Vac, with control unit and integrated receiver, for sliding gates weighing up to 600 kg
RO600KCE	Kit for automating sliding gates up to 600 kg. 230 Vac, integrated control unit, integrated radio receiver. Included in the kit: RO600, 2 pcs. ON2E, 1 pcs. EPM, 1 pcs. ELAC
RO600KLT	EasyKit for automating sliding gates weighing up to 600 kg. 230 Vac, integrated control unit, integrated radio receiver. Included in the kit: RO600, 2 pcs. ON2E

N.B. The contents of the pack may vary: always consult the dealer.



The RO600KCE kit contains:

Code	Description	Quantity
RO600	Non-reversible electromechanical gearmotor, 230 Vac, with control unit and integrated receiver, for sliding gates weighing up to 600 kg	1
ON2E	Transmitter, 433.92 MHz, 2-channels	2
EPM	Pair of outdoor photocells	1
ELAC	Flashing LED light with integrated antenna	1



The RO600KLT kit contains:

Code	Description	Quantity
RO600	Non-reversible electromechanical gearmotor, 230 Vac, with control unit and integrated receiver, for sliding gates weighing up to 600 kg	1
ON2E	Transmitter, 433.92 MHz, 2-channels	2

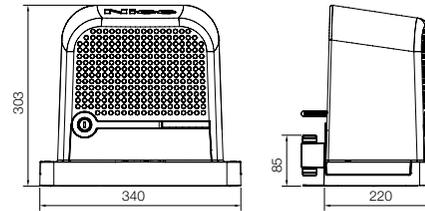
COMMON ACCESSORIES

Code	Description	Pcs. Pack
ROA41	Spare control unit for RO600	1
ROA6	Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates weighing up to 500 kg	1
ROA7	Galvanised rack, M4 22x22x1000 mm	1
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	1
TS	Signboard	1

TECHNICAL SPECIFICATIONS

Code	RO600
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Power (W)	300
PERFORMANCE DATA	
Speed (m/s)	0,18
Force (N)	600
Working cycle (cycles/hour)	20
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	340x220xW303 h
Weight (kg)	11

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

ROBO

Control unit/Receiver

- **Integrated***

OXIBD / OXILR

Transmitter

- **ERA INTI** - 1 or 2 channels, 433.92 MHz, coloured
- **ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz

ERA ONE BD / ERA ONE LR

ERA FLOR / NICEWAY

Photocells

- **EPS** - Slim / **EPM** - Medium / **EPL** - Large
- **EPSB** - Slim, BlueBUS / **EPMB** - Medium, BlueBUS / **EPLB** - Large, BlueBUS
- **EPMOR** - Medium, reflective
- **EPMORB** - Medium, BlueBUS, reflective
- **EPMOW** - Medium, wireless self-synchronised
- **F210** - Synchronised, adjustable / **FT210** - For sensitive edges
- **F210B** - BlueBUS

Flashing light

- **ELAC**

ELDC

- **WLT** - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Run 1500

For sliding gates up to 1500 kg.



Compartment for control unit
protected by pull-out box

Base and release
in epoxy-painted
die-cast aluminium

Versions with electromechanical limit switch (RUN1500) and inductive limit switch (RUN1500P).

Simple: thanks to the BlueBUS system allowing connections with just two wires between the control unit and up to 7 pairs of photocells and control, safety and signalling devices.

Practical: control unit and PS124 buffer batteries (optional) housed in Run, practical guided plug-in connector.

Advanced: the temperature sensor adapts the motor force to the climatic conditions while at the same time adjusting the thermal protection; a master/slave selection automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Smart: thanks to obstacle detection and automatic programming of operating times. Self-diagnostics with indications via the flashing light. 8 programming levels.

Safe: adjustable acceleration and deceleration at the start and end of each manoeuvre.

Sturdy: release with aluminium handle for easy opening.

Quiet: gearmotor on bearings.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
RUN1500	Non-reversible, 24 VDC, with integrated control unit, electromechanical limit switch, for gates up to 1500 kg	12
RUN1500P	Non-reversible, 24 VDC, with integrated control unit, inductive limit switch, for gates up to 1500 kg	12

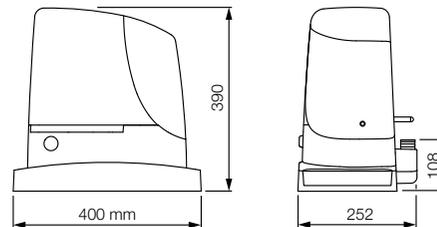
COMMON ACCESSORIES

Code	Description	Pcs. Pack
RBA3	Spare control unit, for RB400, RB600/600P, RB1000/1000P and RUN1500/1500P	1
PS124	24 V battery with integrated battery charger	1
RBA1	Inductive limit switch	1
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
ROA81	Galvanised rack M6 30x30x1000 mm, weld-on, for use with RUA12 crown	10
RUA12	12-tooth crown, module 6, for use with ROA81 rack. Run is supplied with a module 4 crown to use standard ROA7 and ROA8 racks	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	RUN1500/1500P
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	2
Power (W)	400
PERFORMANCE DATA	
Speed (m/s)	0,25
Force (N)	1000
Working cycle (cycles/hour)	60
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	400x255x390 h
Weight (kg)	19

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RUN1500/1500P

Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Run 1800/2500

To automate sliding gates up to 1800 kg (RUN1800) and 2500 kg (RUN2500).

Suitable for use in extreme conditions and in systems intended for intensive use.



Compartment for control unit protected by pull-out box

Base and release in epoxy-painted die-cast aluminium

Self-ventilated motor with inductive limit switch (RUN1800P/RUN2500P) and electromechanical limit switch (RUN1800/RUN2500/RUN2500I).

Easy to install: the BlueBUS system allows connections with just two wires between the control unit and up to 15 control, safety and signalling devices.

Safe: the acceleration (at the start of the manoeuvre) and deceleration (at the end of the manoeuvre) settings are precise and reliable.

Advanced temperature sensor: Run is able to manage its force, adapting it to the different climatic and environmental conditions while at the same time adjusting the thermal protection and self-ventilation intensity depending on the temperature detected.

Master/slave selection: also automatically synchronises 2 motors, allowing automation of sliding gates with two opposing leaves.

Practical and functional: the control unit (and the inverter in the RUN2500I version) housed in Run can be connected via a practical plug-in connector.

Quiet: gearmotor on bearings.

RUN2500I version with integrated inverter.

Flawless movement: the inverter enables the three-phase motor to be powered and operated with 230 VAC single-phase current, adjusting the frequency to regulate the automation speed from a minimum of 8.2 m/min to a maximum of 15.4 m/min. During the automation deceleration phase, the inverter communicates with the control unit and increases the torque, improving performance and reducing the risk of the automation blocking in the presence of obstacles.

BlueBus

BiDi

230V

Yubii

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
RUN1800	Non-reversible, 230 VAC, with integrated control unit, electromechanical limit switch for gates up to 1800 kg	12
RUN1800P	Non-reversible, 230 VAC, with integrated control unit, inductive limit switch for gates up to 1800 kg	12
RUN2500	Non-reversible, 230 VAC, with integrated control unit, electromechanical limit switch for gates up to 2500 kg	12
RUN2500P	Non-reversible, 230 VAC, with integrated control unit, inductive limit switch for gates up to 2500 kg	12
RUN2500I	Non-reversible, 230 VAC, with integrated control unit and inverter, electro-mechanical limit switch, for gates up to 2500 kg	12

COMMON ACCESSORIES

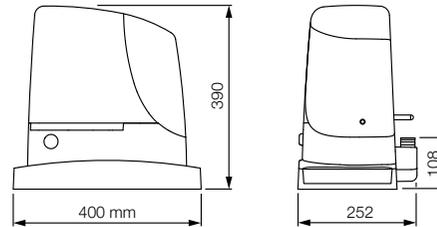
Code	Description	Pcs. Pack
RUA1	Spare control unit for RUN1800/1800P and RUN2500/2500P	1
RUA2	Spare control unit for RUN2500I	1
RUA3	Spare inverter for RUN2500I	1
ROA7	Galvanised rack, M4 22x22x1000 mm	10
ROA8	Galvanised rack, M4 30x8x1000 mm, with screws and spacers	10
ROA81	Galvanised rack M6 30x30x1000 mm, weld-on, for use with RUA12 crown	10
RUA12	12-tooth crown, module 6, for use with ROA81 rack. Run is supplied with a module 4 crown to use standard ROA7 and ROA8 racks	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	RUN1800/1800P	RUN2500/2500P	RUN2500I
ELECTRICAL SPECIFICATIONS			
Power supply (VAC/Hz)	230/50*		230/50-60
Draw (A)	3	3,8	3,7
Power (W)	700	870	650
PERFORMANCE DATA			
Speed (m/s)	0,17		0,26
Force (N)	1110	1390	1660
Working cycle (cycles/hour)	42		56
DIMENSIONAL AND GENERAL DATA			
Protection class (IP)	44		
Operating temperature (°C Min/Max)	-20 ÷ +50		
Dimensions (mm)	400x255x390 h		
Weight (kg)	24,5		25

* 60 Hz version available on request.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RUN1800/1800P RUN2500/2500P RUN2500I	Control unit/Receiver
	Integrated*
	• • • OXIBD / OXILR
	Transmitter
	• • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
	• • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	• • • ERA ONE BD / ERA ONE LR
	• • • ERA FLOR / NICEWAY
	Photocells
	EPS - Slim / EPM - Medium / EPL - Large
	• • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
	EPMOR - Medium, reflective
	• • • EPMORB - Medium, BlueBUS, reflective
	• • • EPMOW - Medium, wireless self-synchronised
	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	• • • F210B - BlueBUS
	• • • FT210B - For sensitive edges, BlueBUS
	Flashing light
	• • • ELAC
	ELDC
	WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Tub

For sliding gates up to 4000 kg.

Ideal for industrial applications.



Self-ventilated motor to increase the work cycle

400V

BiDi

Yubii

Opera

Programmable via App

With Pro-View or Bidi-WiFi & MyNice Pro App. Find out more on page → 30

Non-reversible 400 VAC electromechanical gearmotor, with integrated D-PRO 500 control unit.

Powerful: ideal for automating large industrial gates.

Functionality and safety: programmable, with electromechanical brake to eliminate gate inertia. Self-ventilated motor to increase the work cycle.

Maximum durability and silent operation: metal and bronze gears.

Advanced: Tub satisfies all control needs thanks to the possibility of easily and precisely managing the various functions with the Pro-View programmer.

Practical: the lever release makes this operation easy and safe.

Code	Description	Pcs./Pallet
TUB4000	Non-reversible electromechanical gearmotor, 400 VAC, with integrated D-PRO 500 control unit	

TECHNICAL SPECIFICATIONS

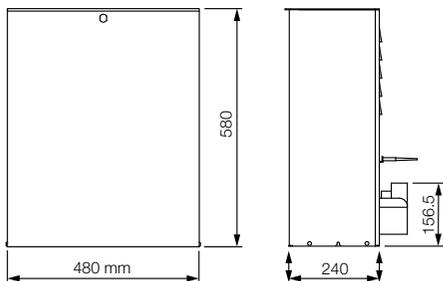
Code	TUB4000
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50 Hz)*	400
Draw (A)	1,6
Power (W)	580
PERFORMANCE DATA	
Speed (m/s)	0,16
Force (N)	7740
Working cycle (cycles/hour)**	42
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	54
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	480x240x580 h
Weight (kg)	60

* Can also be used at 60 Hz with corresponding change in performance. ** With leaves up to 5 m.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
DPRO500	Control units	1
NDA040	For optional potential free outputs	1
ROA81	Galvanised rack M6 30x30x1000 mm, weld-on, for use with RUA12 crown	10
TS	Sign	1

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TUB4000

Control unit/Receiver

Integrated*

- OXIBD / OXILR

Transmitter

- ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
- ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
- ERA ONE BD / ERA ONE LR
- ERA FLOR / NICEWAY

Photocells

- EPS - Slim / EPM - Medium / EPL - Large
- EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
- EPMOR - Medium, reflective
- EPMORB - Medium, BlueBUS, reflective
- EPMOW - Medium, wireless self-synchronised
- F210 - Synchronised, adjustable / FT210 - For sensitive edges
- F210B - BlueBUS
- FT210B - For sensitive edges, BlueBUS

Flashing light

- ELAC
- ELDC
- WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.



Accessories for sliding gates

SPARE CONTROL UNITS



NKA3

Control unit.

Pcs./pack 1



RBA3

Spare control unit for RB400, RB600/600P, RB1000/1000P and RUN1500/1500P.

Pcs./pack 1



RBA4

Spare control unit for RDKCE.



ROA41

Spare control unit for RO600.

Pcs./pack 1



RUA1

Spare control unit for RUN1800/1800P and RUN2500/2500P.

Pcs./pack 1



RUA2

Spare control unit for RUN2500I.

Pcs./pack 1



RUA3

Spare inverter for RUN2500I.

Pcs./pack 1



DPRO500

Control unit.

Pcs./pack 1

RACKS



ROA6

Slotted rack, M4 25x20x1000 mm, nylon with metal insert. For gates up to 500 kg.

Pcs./pack 10



ROA7

Galvanised rack, M4 22x22x1000 mm.

Pcs./pack 10



ROA8

Galvanised rack, M4 30x8x1000 mm, with screws and spacers.

Pcs./pack 10



ROA81

Galvanised rack M6 30x30x1000 mm, weld-on, for use with RUA12 crown.

Pcs./pack 10



RUA12

12-tooth crown, module 6, for use with ROA81 rack.

Pcs./pack 1



RBA1

Inductive limit switch.

Pcs./pack 1



KIO

Key switch for low-voltage contacts, with release mechanism for metal cable.

Pcs./pack 1



KA1

Kit with 6 m metal cable for KIO.

Pcs./pack 1



CM-B

Release ratchet with two metal keys.

OTHER ACCESSORIES

ACCESSORIES FOR 24 V VERSIONS



NDA040

For optional potential free outputs.

Pcs./pack 1



TS

Sign.

Pcs./pack 1

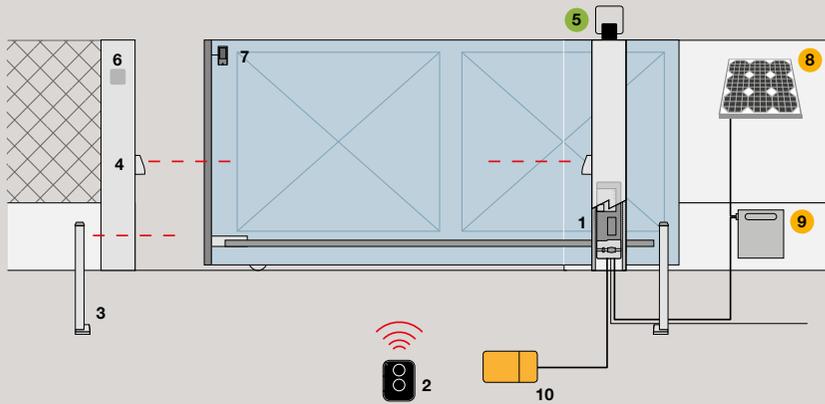


PS124

24 V battery with integrated battery charger.

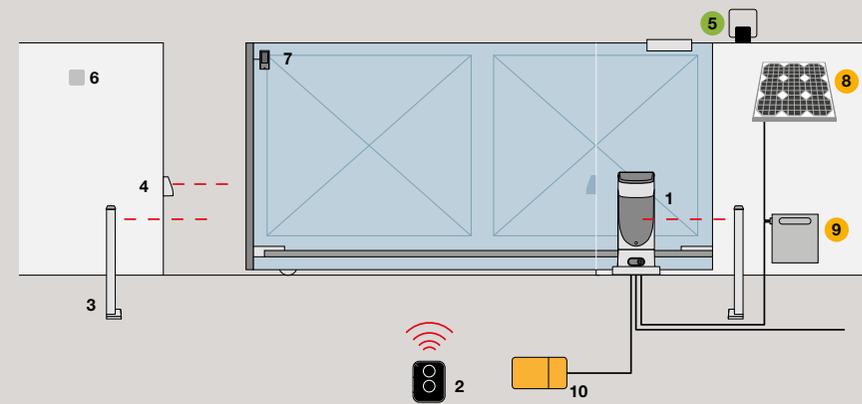
Pcs./pack 1

Standard installation diagram for sliding gates



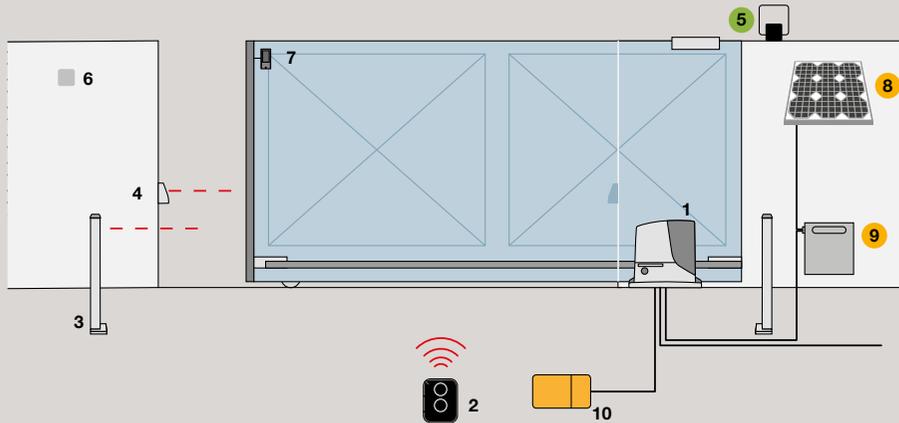
NAKED SLIDING 400

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



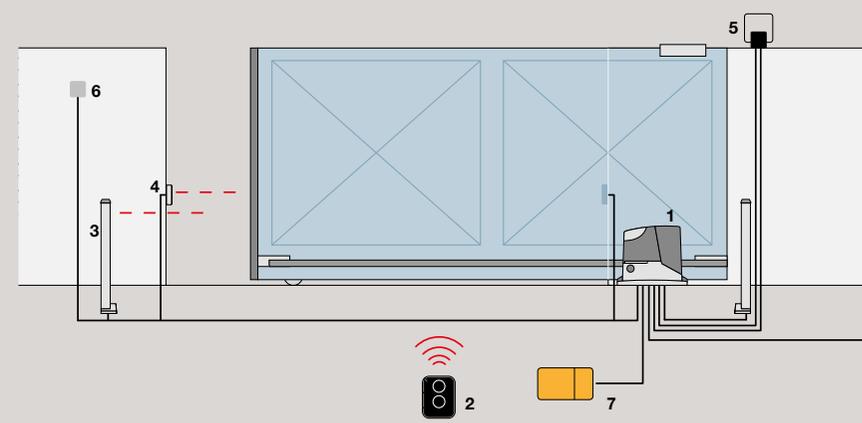
SLIGHT

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



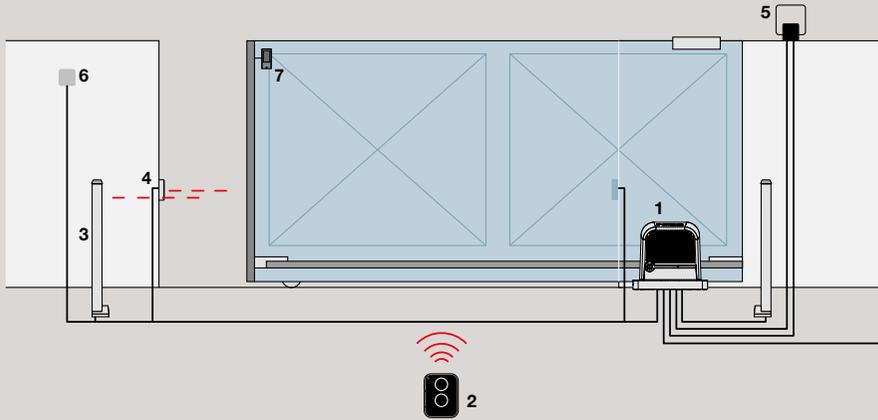
ROBUS 400/600/1000

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



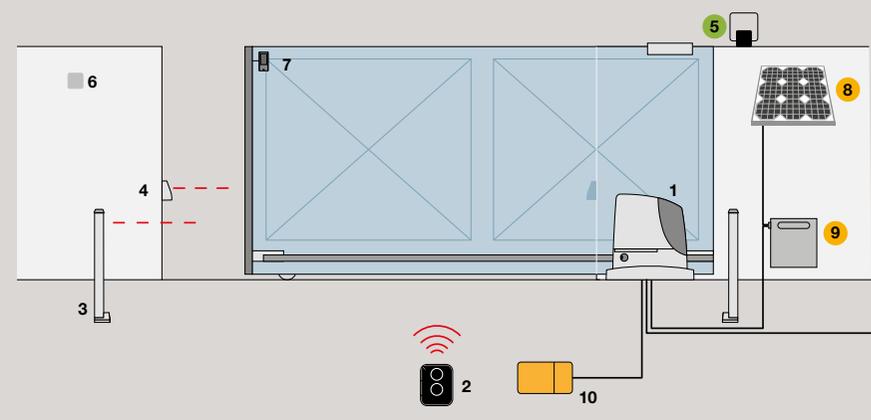
ROADKIT

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Pro-View multifunction interface



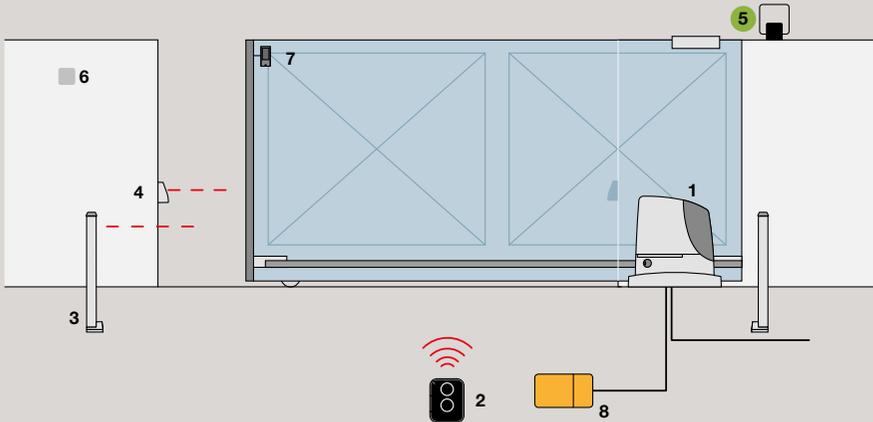
ROBO 600

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge



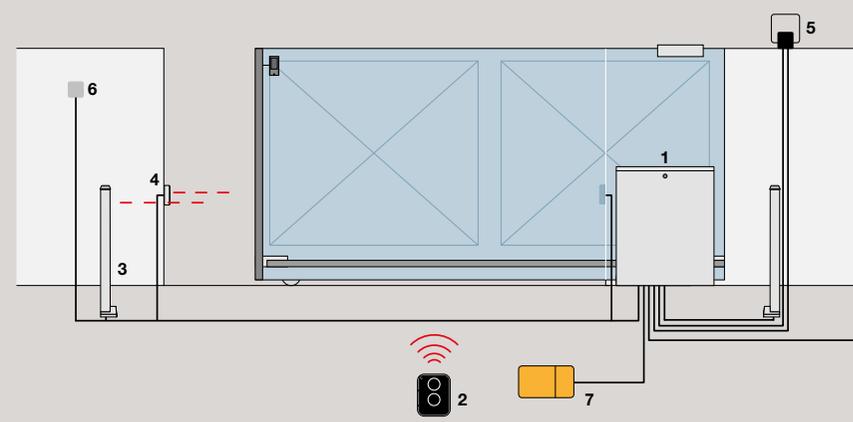
RUN 1500

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power accessories



RUN 1800/2500

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Sensor for sensitive edge 8. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**



TUB

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Key switch 7. Pro-View multifunction interface



Barrier gate operator systems

S-Bar	132
M-Bar	134
L-Bar	136
Wide System	140

Nice

S/M/L Bar

Barrier raising systems for every size.

Barrier raising systems for controlling road access in parking areas and private and apartment block access roads, including with heavy traffic.

Integrated solutions for all needs.

Performance, reliability and a long working life.
Essential elegant design.
Meticulous research into materials.
Greater comfort and safety at all times.



Painted aluminium
bar support and cover, with
optional flashing light

With case in
steel with protective electrophoretic
treatment and painted, or case in
stainless steel



Quick and easy access to internal components

- simple removal of cover, separate compartments to protect electronics and mechanics.



Balancing springs - highly robust, guaranteed for up to 2,000,000 manoeuvres for M-Bar and L-Bar models.

Gearmotor - 24 VDC, powerful and fast.

Control unit located in the upper part of the barrier body

- easier programming and maintenance.



Photocells completely invisible from the outside - fixed simply in place in the recesses provided in the barrier body.

Flashing light or optional traffic light

for integrated installation in cover



Elliptical section bar with high resistance to gusts of wind.

LED signal lights for integrated installation in the profile

Key release

for installation on either side

Nice



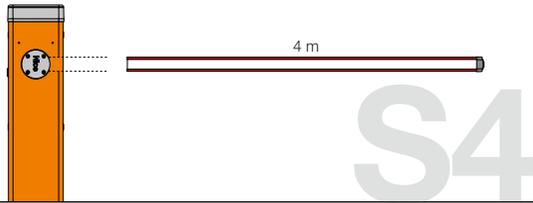
**Available in 5 models and 3 versions,
up to 7 modular bars
from 3 to 9 m long.**

The practical composition of the bars with aluminium expansion joint makes them robust and facilitates transport and handling in storage.

To obtain a complete barrier raising system:

1. Choose the gearmotor
2. Associate the bar
3. Complete the system with optional accessories.

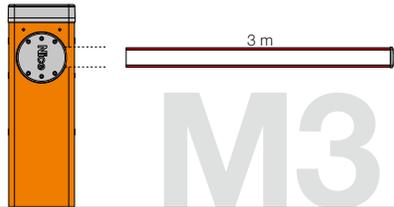
Composition bars and accessories



S4BAR

With dedicated 4 m bar

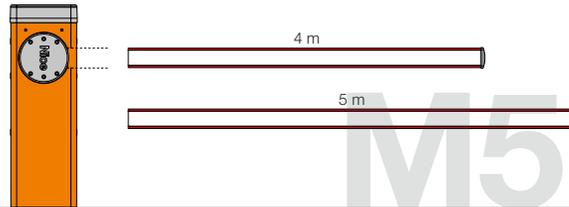
Provision for:
protective rubber trim, signal lights.



M3BAR

With 3 m long bar

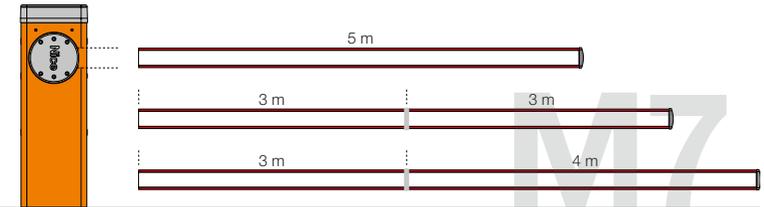
Provision for:
protective rubber trim, signal lights.



M5BAR

With 4 m long bar

Provision for:
protective rubber trim, signal lights,
rack (1 pc.), movable support.



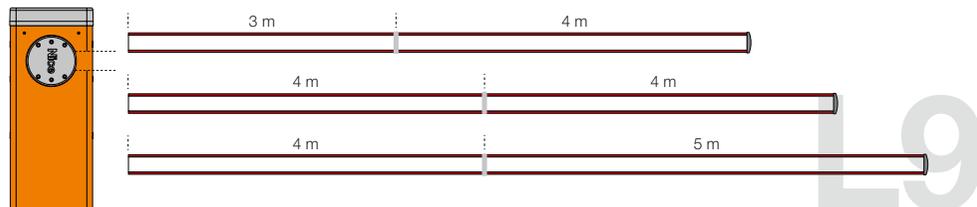
M7BAR

With 5 m long bar

Provision for:
protective rubber trim, signal lights,
rack (2 pc.), movable support.

With 6 m bar (3+3 m)*

Provision for:
protective rubber trim, signal lights, rack
(2 pc.), movable support.



L9BAR

With 7 m bar (3+4 m)*

Provision for:
protective rubber trim, signal lights, rack
(3 pc.), movable support.

With 8 m bar (4+4 m)*

Provision for:
protective rubber trim, signal lights, rack
(3 pc.), movable support.

With 9 m bar (4+5 m)*

Provision for:
protective rubber trim, signal lights.

* Use joint XBA9 to assemble the bars. **N.B.** Bars and accessories are not included in the gearmotor code.

Nice

S-Bar

Electromechanical road barrier system for road access control.

For 4 m bars.



Gearmotor, 24 VDC, with integrated control unit.

Strength and reliability: sturdy steel structure, new robust balancing springs guaranteed to 500,000 cycles and elliptical section bar with high resistance to gusts of wind.

Optional flashing light for integrated installation in cover.

Easier programming and maintenance: separate compartments for the electronics and mechanics protect internal parts from possible hazards.

Quick and easy access to the control unit located in the top part of the barrier body.

The photocells, completely invisible from the outside, are fixed simply in place in the recesses provided in the barrier body.

More reliability and safety: obstacle detection and monitoring of motor draw throughout automation movement.

Automatic fault diagnosis during operation and subsequent indication of type through different combinations of flashes.

Provision for connection of latest generation optical and resistive sensitive edges (8.2 KOhm resistance).

Energy saving: when the system is not in use, it switches to stand-by mode, reducing power consumption.

No blackouts: operation in event of power failures with the optional batteries housed under the control unit.

Side release with Nice triangular key: can be installed on either side.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

TO OBTAIN A COMPLETE BARRIER RAISING SYSTEM:

1. CHOOSE THE GEARMOTOR

2. ASSOCIATE THE BAR

3. COMPLETE THE SYSTEM
WITH OPTIONAL ACCESSORIES

For 4 m long bars, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
S4BAR	With case in steel and with protective electrophoretic treatment and painted
S4BARI	With stainless steel case

COMMON ACCESSORIES

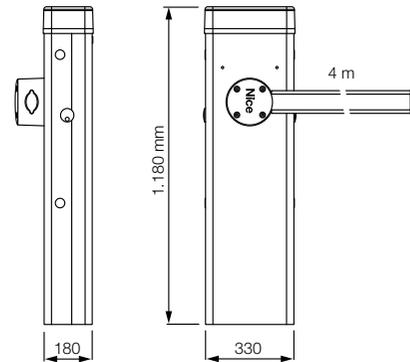
Code	Description	Pcs. Pack
XBA19	White painted aluminium bar 45x58x4270 mm	1
XBA20	Spare control unit for S4BAR	1
XBA13	Bumper rubber, 1 m	9
WA10	Red reflective adhesive strip	24
SIA1	Anchorage base with clamps	1
XBA7	Flashing light for integrated installation in cover	1
XBA4	Plug-in signal lights for mounting on the top or bottom of the bar. Length 4 m	1
WA11	Adjustable support for bars	1
PS124	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	S4BAR	S4BARI
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	
Power supply (VDC)	24	
Power (W)	300	
PERFORMANCE DATA		
Speed (S)	≥4 - >5 (with XBA4 accessory)	
Torque (Nm)	100	
Working cycle (cycles/hour)*	100	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	44	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	330x179,5x1146 h	
Weight (kg)	35	

* At nominal torque.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

S4BAR
S4BARI

Control unit/Receiver

Integrated*

- • OXIBD / OXILR

Transmitter

- • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
- • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
- • ERA ONE BD / ERA ONE LR
- • ERA FLOR / NICEWAY

Photocells

EPS - Slim / EPM - Medium / EPL - Large

- • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
- • EPMOR - Medium, reflective

EPMORB - Medium, BlueBUS, reflective

- • EPMOW - Medium, wireless self-synchronised

F210 - Synchronised, adjustable / FT210 - For sensitive edges

- • F210B - BlueBUS

- • FT210B - For sensitive edges, BlueBUS

Flashing light

ELAC

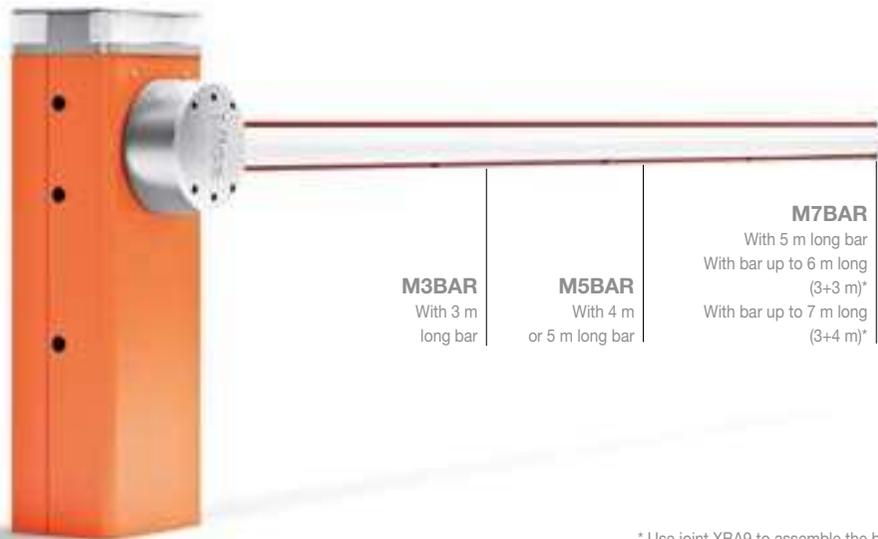
- • ELDC
- • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

M-Bar

Electromechanical road barrier system for road access control.

For bars from 3 to 7 m long.



M3BAR
With 3 m long bar

M5BAR
With 4 m or 5 m long bar

M7BAR
With 5 m long bar
With bar up to 6 m long (3+3 m)*
With bar up to 7 m long (3+4 m)*

* Use joint XBA9 to assemble the bars.

BlueBus

24V

BiDi

Yubii

Solemyo

Opera

Programmable via App

With Pro-View or Bidi-WiFi & MyNice Pro App. Find out more on page → 30

Gearmotor, 24 VDC, with integrated control unit.

Simplified programming: control unit with display and joystick to make setting operating parameters even faster.

The control unit has an output to power 24 VDC devices and two inputs to control loop detectors via the LP21 and LP22 accessories.

Modular: practical composition of the bars with the aluminium expansion joint.

Smart control of the movement of two opposing automations thanks to the **“master/slave” function.**

Strength and reliability: sturdy steel structure, new robust balancing springs guaranteed for up to 2,000,000 cycles and elliptical section bar with high resistance to gusts of wind.

Optional flashing or traffic light for integrated installation in cover.

Movement control with encoder and electromechanical limit switches.

Easier programming and maintenance: separate compartments for the electronics and mechanics protect internal parts from possible hazards.

Quick and easy access to the control unit located in the top part of the barrier body.

The photocells, completely invisible from the outside, are fixed simply in place in the recesses provided in the barrier body.

More reliability and safety: obstacle detection and monitoring of motor draw throughout automation movement.

Automatic fault diagnosis during operation and subsequent indication of type through different combinations of flashes.

Provision for connection of latest generation optical and resistive sensitive edges (8.2 KOhm resistance).

Energy saving: when the system is not in use, it switches to stand-by mode, reducing power consumption.

No blackouts: operation in event of power failure with the optional batteries (PS224) housed in the motor.

Side release with metal key: can be installed on either side.

TO OBTAIN A COMPLETE BARRIER RAISING SYSTEM:

1. CHOOSE THE GEARMOTOR

2. ASSOCIATE THE BAR

3. COMPLETE THE SYSTEM WITH OPTIONAL ACCESSORIES

For 3 m long bars, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
M3BAR	With case in steel and with protective electrophoretic treatment and painted. For intensive use
M3BARI	With stainless steel case

For 4 or 5 m long bars, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
M5BAR	With case in steel and with protective electrophoretic treatment and painted. For intensive use
M5BARI	With stainless steel case

For 5, 6 or 7 m long bars, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
M7BAR	With case in steel and with protective electrophoretic treatment and painted
M7BARI	With stainless steel case

COMMON ACCESSORIES

Code	Description	Pcs. Pack
BCU1	Control units	1
LP21	Magnetic loop detector 1 channel	1
LP22	Magnetic loop detector 2 channels	1
XBA13	Bumper rubber, 1 m	9
WA10	Red reflective adhesive strip	24
XBA8	Traffic light for integrated installation in cover	1
XBA7	Flashing light for integrated installation in cover	1
XBA16	Anchorage base with clamps	1
WA11	Adjustable support for bars	1
PS224	Buffer battery 24 VDC	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

ACCESSORIES FOR M3BAR

Code	Description	Pcs. Pack
XBA15	White painted aluminium bar 69x92x3150 mm	1
XBA4	Plug-in signal lights for mounting on the top or bottom of the bar. Length 4 m	1
XBA10	Swivel attachment for bars up to 4 m long	1
XBA11	Joint for bars (1950 mm to 2400 mm)	1

ACCESSORIES FOR M5BAR

Code	Description	Pcs. Pack
XBA14	White painted aluminium bar 69x92x4150 mm	1
XBA5	White painted aluminium bar 69x92x5150 mm	1
XBA4	Plug-in signal lights for mounting on the top or bottom of the bar. Length 4 m	1
XBA6	Plug-in signal lights for mounting on the top or bottom of the bar. Length 6 m	1
XBA10	Swivel attachment for bars up to 4 m long	1
XBA11	Joint for bars (1950 mm to 2400 mm)	1
WA12	Movable support for bars, reinforced and resistant	1
WA13	Aluminium rack, 2 m	1

ACCESSORIES FOR M7BAR

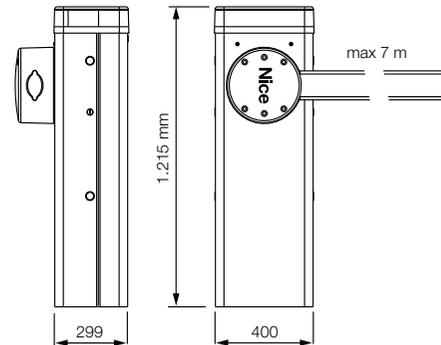
Code	Description	Pcs. Pack
XBA15	White painted aluminium bar 69x92x3150 mm	1
XBA14	White painted aluminium bar 69x92x4150 mm	1
XBA5	White painted aluminium bar 69x92x5150 mm	1
XBA9	Expansion joint	1
XBA6	Plug-in signal lights for mounting on the top or bottom of the bar. Length 6 m	1
XBA18	Plug-in signal lights for mounting on the top or bottom of the bar. Length 8 m	1
WA12	Movable support for bars, reinforced and resistant	1
WA13	Aluminium rack, 2 m	1

TECHNICAL SPECIFICATIONS

Code	M3BAR	M3BARI	M5BAR	M5BARI	M7BAR	M7BARI
ELECTRICAL SPECIFICATIONS						
Power supply (VAC 50/60 Hz)				230		
Power supply (VDC)				24		
Power (W)	150		110		110	
PERFORMANCE DATA						
Min-max speed (S)	1,5 ÷ 4		3 ÷ 6		6 ÷ 10	
Torque (Nm)	100		200		300	
Working cycle (cycles/hour)*	500		350		200	
DIMENSIONAL AND GENERAL DATA						
Protection class (IP)				54		
Operating temperature (°C Min/Max)				-20 ÷ +50		
Dimensions (mm)				400x299x1215 h		
Weight (kg)				80		85

* At nominal torque.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

M3BAR / M3BARI	M5BAR / M5BARI	M7BAR / M7BARI	
			Control unit/Receiver
			Integrated*
•	•	•	OXIBD / OXILR
			Transmitter
•	•	•	ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
•	•	•	ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
•	•	•	ERA ONE BD / ERA ONE LR
•	•	•	ERA FLOR / NICEWAY
			Photocells
			EPS - Slim / EPM - Medium / EPL - Large
•	•	•	EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
•	•	•	EP MOR - Medium, reflective
			EP MORB - Medium, BlueBUS, reflective
•	•	•	EP MOW - Medium, wireless self-synchronised
			F210 - Synchronised, adjustable / FT210 - For sensitive edges
•	•	•	F210B - BlueBUS
•	•	•	FT210B - For sensitive edges, BlueBUS
			Flashing light
			ELAC
•	•	•	ELDC
•	•	•	WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

L-Bar

Electromechanical road barrier system for road access control.

Powerful and fast, for 7 to 9 m long bars.



Gearmotor, 24 VDC, with integrated control unit.

Simplified programming: control unit with display and joystick to make setting operating parameters even faster.

The control unit has an output to power 24 VDC devices and two inputs to control loop detectors via the LP21 and LP22 accessories.

Modular: practical composition of the bars with the aluminium expansion joint.

Smart control of the movement of two opposing automations thanks to the **“master/slave” function.**

Strength and reliability: sturdy steel structure, new robust balancing springs guaranteed for up to 2,000,000 cycles and elliptical section bar with high resistance to gusts of wind.

Optional flashing or traffic light for integrated installation in cover.

Movement control with encoder and electromechanical limit switches.

Easier programming and maintenance: separate compartments for the electronics and mechanics protect internal parts from possible hazards.

Quick and easy access to the control unit located in the top part of the barrier body.

The photocells, completely invisible from the outside, are fixed simply in place in the recesses provided in the barrier body.

More reliability and safety: obstacle detection and monitoring of motor draw throughout automation movement.

Automatic fault diagnosis during operation and subsequent indication of type through different combinations of flashes.

Provision for connection of latest generation optical and resistive sensitive edges (8.2 KOhm resistance).

Energy saving: when the system is not in use, it switches to stand-by mode, reducing power consumption.

No blackouts: operation in event of power failure with the optional batteries (PS224) housed in the motor.

Side release with metal key: can be installed on either side.

BlueBus

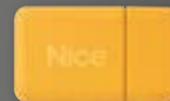
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

TO OBTAIN A COMPLETE BARRIER RAISING SYSTEM:

1. CHOOSE THE GEARMOTOR

2. ASSOCIATE THE BAR

3. COMPLETE THE SYSTEM
WITH OPTIONAL ACCESSORIES

For 9 m long bars, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
L9BAR	With case in steel and with protective electrophoretic treatment and painted
L9BARI	With stainless steel case

COMMON ACCESSORIES

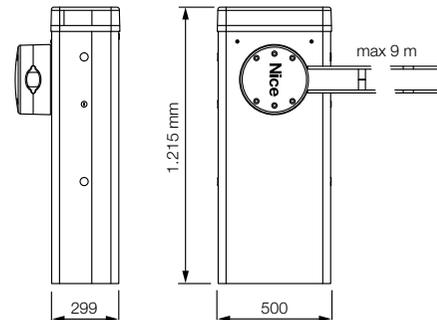
Code	Description	Pcs. Pack
XBA15	White painted aluminium bar 69x92x3150 mm	1
XBA14	White painted aluminium bar 69x92x4150 mm	1
XBA5	White painted aluminium bar 69x92x5150 mm	1
XBA9	Expansion joint	1
XBA8	Traffic light for integrated installation in cover	1
XBA7	Flashing light for integrated installation in cover	1
XBA18	Plug-in signal lights for mounting on the top or bottom of the bar. Length 8 m	1
BCU1	Control units	1
LP21	Magnetic loop detector 1 channel	1
LP22	Magnetic loop detector 2 channels	1
XBA13	Bumper rubber, 1 m	9
WA10	Red reflective adhesive strip	24
WA13	Aluminium rack, 2 m	1
XBA17	Anchorage base with clamps	1
WA11	Adjustable support for bars	1
WA12	Movable support for bars, reinforced and resistant	1
WA11	Adjustable support for bars	1
PS224	Buffer battery 24 VDC	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

Code	L9BAR	L9BARI
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)		230
Power supply (VDC)		24
Power (W)		160
PERFORMANCE DATA		
Min-max speed (S)		11 ÷ 18
Torque (Nm)		400
Working cycle (cycles/hour)*		150
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)		54
Operating temperature (°C Min/Max)		-20 ÷ +55
Dimensions (mm)		500x299x1215 h
Weight (kg)		98

* At nominal torque.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

L9BAR / L9BARI
Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
• FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Wide

Solid and essential.



Large door at front for quick and easy access - easy-to-remove reinforced gearmotor support.



Easy maintenance - integrated control unit, removable for ease of wiring and maintenance. No blackouts with the buffer battery for integrated installation in the control unit.



Safety from vandals - photocells integrated in the barrier body, minimum visual impact and maximum protection.

Removable cover
for easy access
to internal parts

The bar can be mounted on either
the right or left side



Release protected
from external agents
and easy to operate with
triangular key

Case in steel
with protective
electrophoretic treatment
and painted, or case in
stainless steel



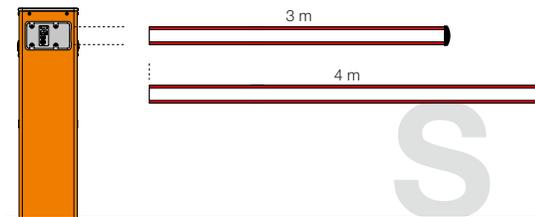
**3 versions available,
up to 5 modular bars
from 3 to 7 m long.**

The composition of the bars with aluminium expansion joint facilitates their transport and handling in storage.

To obtain a complete barrier raising system:

1. Choose the gearmotor
2. Associate the bar
3. Complete the system with optional accessories.

Composition bars and accessories



WIDES

With 3 m long bar

Provision for:
protective rubber trim, signal lights,
swivel attachment, rack (1 pc.).

With 4 m long bar

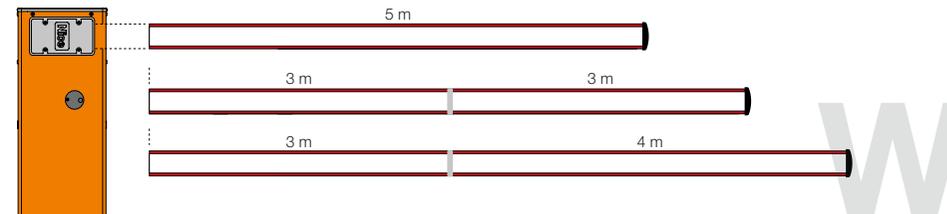
Provision for:
protective rubber trim, signal lights,
swivel attachment.



WIDEM

With 4 m long bar

Provision for:
protective rubber trim, signal lights, swivel
attachment, jointed attachment, rack (2 pcs.),
movable support.



WIDEL

With 5 m long bar

Provision for:
protective rubber trim, signal lights, rack
(2 pc.), movable support.

With 6 m bar (3+3 m)*

Provision for:
protective rubber trim, signal lights, rack
(2 pc.), movable support.

With 7 m bar (3+4 m)*

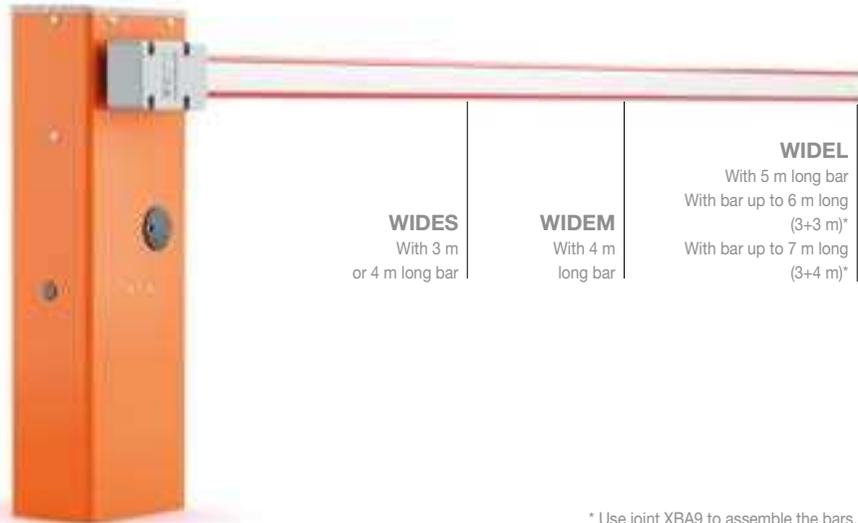
Provision for:
protective rubber trim, signal lights

* Use joint XBA9 to assemble the bars. **N.B.** Bars and accessories are not included in the gearmotor code.

Nice

Wide System

Electromechanical road barrier system for road access control.



* Use joint XBA9 to assemble the bars.

24V

BiDi

Yubii

Opera

Programmable via App

With Pro-View or Bidi-WiFi & MyNice Pro App. Find out more on page → 30

Gearmotor, 24 VDC, with integrated control unit, adjustable speed and crush protection function.

Two versions of case, in galvanised and painted steel, or in stainless steel (AISI 304) **in three sizes for bars from 3 to 7 m long.**

Easier programming and maintenance: one integrated control unit for all versions, located in the bottom part of the barrier body.

Large door at the front for quick and easy access.

Easily removable reinforced gearmotor support.

Maximum safety: crush protection in opening and closing; supports inside the barrier body for minimum visual impact.

Speed adjustable electronically from 3.5" (Wide M) to 5" (Wide L) for minimum opening time.

Strength, reliability and ease of installation: elliptical section bar for lighter weight and resistance to gusts of wind; special profile for quick mounting of accessories.

Optional swivel attachment to safeguard the barrier in the event of impact.

The bar can be mounted on either the right or left side.

Easy balancing thanks to a practical spring tension regulator.

No blackouts: operation is guaranteed even without mains power, thanks to the PS234 buffer battery for integrated installation in the control unit.

Release with triangular key protected from external agents.

TO OBTAIN A COMPLETE BARRIER RAISING SYSTEM:

1. CHOOSE THE GEARMOTOR

2. ASSOCIATE THE BAR

3. COMPLETE THE SYSTEM WITH OPTIONAL ACCESSORIES

For bars up to 4 m long, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
WIDES	With galvanised and painted steel case
WIDESI	With stainless steel case
WIDEM	With galvanised and painted steel case
WIDEMI	With stainless steel case

For bars up to 7 m long, non-reversible 230 VAC, 24 VDC motor, including anchorage base:

Code	Description
WIDEL	With galvanised and painted steel case
WIDELI	With stainless steel case

COMMON ACCESSORIES

Code	Description	Pcs. Pack
WIA20	Control units	1
XBA13	Bumper rubber, 1 m	9
WA10	Red reflective adhesive strip	24
WA11	Adjustable support for bars	1
WA13	Aluminium rack, 2 m	1
PS324	24 V battery with integrated battery charger	1

ACCESSORIES FOR WIDE S

Code	Description	Pcs. Pack
XBA19	White painted aluminium bar 45x58x4270 mm	1
XBA4	Plug-in signal light for mounting on the top or bottom of the bar. Length 4 m	1
WIA10	Swivel attachment	1
SIA1	Anchorage base with clamps	1

ACCESSORIES FOR WIDE M

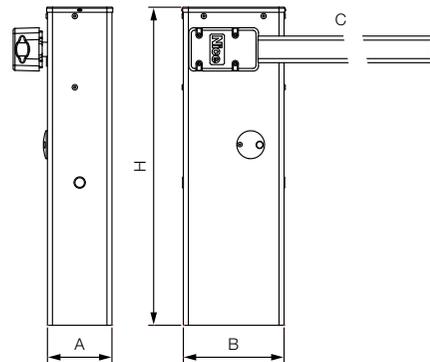
Code	Description	Pcs. Pack
XBA19	White painted aluminium bar 45x58x4270 mm	1
XBA4	Plug-in signal light for mounting on the top or bottom of the bar. Length 4 m	1
WIA10	Swivel attachment	1
SIA1	Anchorage base with clamps	1
WA12	Movable support for bars, reinforced and resistant	1
WA11	Bar joint Wide M	1

ACCESSORIES FOR WIDE L

Code	Description	Pcs. Pack
XBA15	White painted aluminium bar 69x92x3150 mm	1
XBA14	White painted aluminium bar 69x92x4150 mm	1
XBA5	White painted aluminium bar 69x92x5150 mm	1
XBA9	Expansion joint	1
XBA6	Plug-in signal light for mounting on the top or bottom of the bar. Length 6 m	1
XBA18	Plug-in signal light for mounting on the top or bottom of the bar. Length 8 m	1
SIA1	Anchorage base with clamps	1
WA12	Movable support for bars, reinforced and resistant	1

TECHNICAL SPECIFICATIONS

Code	WIDES	WIDESI	WIDEM	WIDEMI	WIDEL	WIDELI
ELECTRICAL SPECIFICATIONS						
Power supply (VAC 50/60 Hz)				230		
Power supply (VDC)				24		
Draw (A)	1		1,1		0,6	
Power (W)				300		360
PERFORMANCE DATA						
Speed (S)	4		3,5		5	
Torque (Nm)	100		140		200	
Working cycle (cycles/hour)	100		300		200	
DIMENSIONAL AND GENERAL DATA						
Protection class (IP)				54		
Operating temperature (°C Min/Max)				-20 ÷ +50		
Dimensions (mm)	280x178x1000 h		320x205x1000 h		420x205x1030 h	
Weight (kg)	40		46		54	

DIMENSIONS

	WIDE S	WIDE M	WIDE L
A	178	208	205
B	280	320	420
C	max. 4 m	max. 4 m	max. 7 m
H	1000	1000	1030

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

WIDES / WIDESI	WIDEM / WIDEMI	WIDEL / WIDELI	
			Control unit/Receiver
			Integrated*
•	•	•	OXIBD / OXILR
			Transmitter
•	•	•	ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
•	•	•	ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
•	•	•	ERA ONE BD / ERA ONE LR
•	•	•	ERA FLOR / NICEWAY
			Photocells
•	•	•	EPS - Slim / EPM - Medium / EPL - Large
•	•	•	EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
•	•	•	EPMOR - Medium, reflective
			EPMORB - Medium, BlueBUS, reflective
			EPMOW - Medium, wireless self-synchronised
•	•	•	F210 - Synchronised, adjustable / FT210 - For sensitive edges
			F210B - BlueBUS
			FT210B - For sensitive edges, BlueBUS
			Flashing light
			ELAC
•	•	•	ELDC
			WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Accessories for barrier systems

BARS AND ACCESSORIES FOR BARS



XBA19
White painted aluminium bar 45x58x4270 mm for S4BAR, WIDES and WIDEM.

Pcs./pack 1



XBA15
White painted aluminium bar 69x92x3150 mm for M3BAR, M7BAR, LBAR and WIDEL.

Pcs./pack 1



XBA14
White painted aluminium bar 69x92x4150 mm for M5BAR, M7BAR, LBAR, WIDEL.

Pcs./pack 1



XBA5
White painted aluminium bar 69x92x5150 mm for M5BAR, M7BAR, LBAR, WIDEL.

Pcs./pack 1



XBA9
Expansion joint for M3BAR, M7BAR, LBAR, WIDEM and WIDEL.

Pcs./pack 1



XBA13
Bumper rubber, 1 m.
Pcs./pack 9



WA10
Red reflective adhesive strips.
Pcs./pack 24



WA11
Adjustable support for bars.
Pcs./pack 1



WA12
Movable support for bars, reinforced and resistant.
Pcs./pack 1



WA13
2 m aluminium rack for M3BAR, M5BAR, LBAR and WIDE.

Pcs./pack 1



XBA10
Swivel attachment for bars up to 4 m long for M3BAR and M5BAR.

Pcs./pack 1



WIA10
Swivel attachment for WIDES and WIDEM.

Pcs./pack 1



XBA11
Joint for bars (1950 mm to 2400 mm) for M3BAR, M5BAR and WIDEM.

Pcs./pack 1



WIA11
Bar joint for WIDEM.

Pcs./pack 1



XBA4
Plug-in signal lights for mounting on the top or bottom of the bar 4 m long for S4BAR, M3BAR, M5BAR, WIDES and WIDEM.

Pcs./pack 1



XBA6
Plug-in signal lights for mounting on the top or bottom of the bar. 6 m long for M5BAR, M7BAR, WIDEL.

Pcs./pack 1



XBA18
Plug-in signal lights for mounting on the top or bottom of the bar. 8 m long for M7BAR, LBAR, WIDEL.

Pcs./pack 1



XBA8
Traffic light for integrated installation in cover for MBAR and LBAR.

Pcs./pack 1



XBA7
Flashing light for integrated installation in cover for SBAR, MBAR and LBAR.

Pcs./pack 1



LP21
1-channel magnetic loop detector for MBAR and LBAR.

Pcs./pack 1



LP22
2-channel magnetic loop detector for MBAR and LBAR.

Pcs./pack 1



SIA1
Anchorage base with clamps for SBAR, WIDES and WIDEM.

Pcs./pack 1



SIA2
Anchorage base with clamps for WIDEL.

Pcs./pack 1



XBA16
Anchorage base with clamps for MBAR.

Pcs./pack 1



XBA17
Anchorage base with clamps for LBAR.

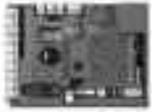
Pcs./pack 1

SPARE CONTROL UNITS

**XBA20**

Spare control unit for S4BAR.

Pcs./pack 1

**BCU1**

Spare control unit for MBAR and LBAR.

Pcs./pack 1

**WIA20**

Spare control unit for WIDE.

Pcs./pack 1

ACCESSORIES FOR 24V

**PS124**

24 V battery with integrated battery charger for SBAR.

Pcs./pack 1

**PS224**

24 VDC buffer battery for MBAR and LBAR.

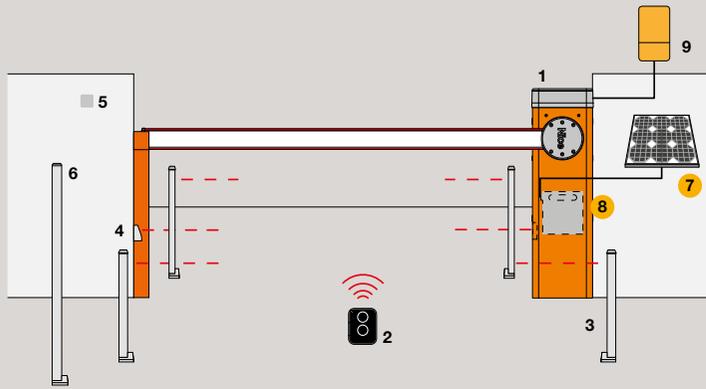
Pcs./pack 1

**PS324**

24 V battery with integrated battery charger for WIDE.

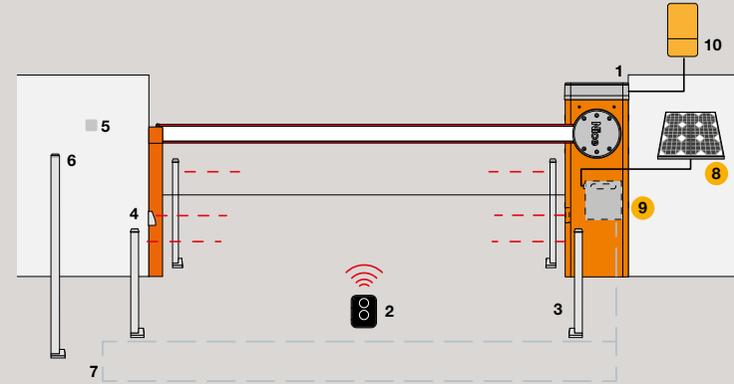
Pcs./pack 1

Standard installation diagram for barrier raising systems



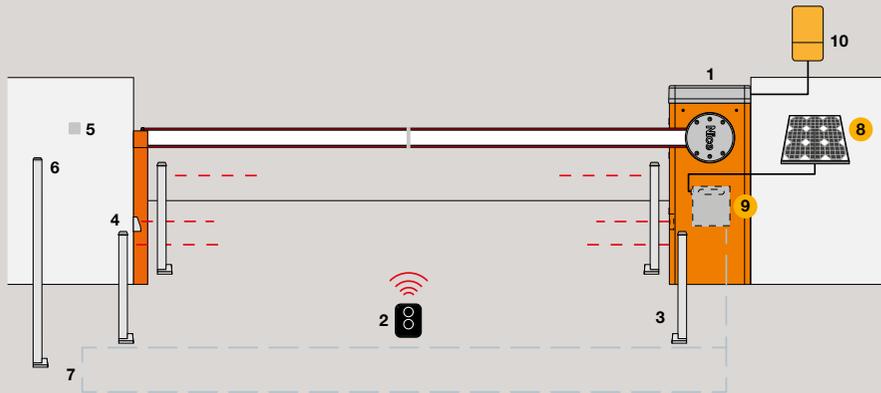
S-BAR

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Digital or key switch 6. Post-mounted digital or key switch 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface
 ● Solemyo solar power accessories



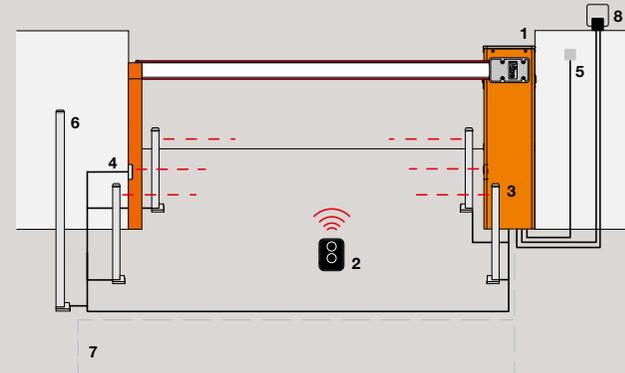
M-BAR

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Digital or key switch 6. Post-mounted digital or key switch 7. Loop detector 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Solemyo solar power accessories



L-BAR

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Digital or key switch 6. Post-mounted digital or key switch 7. Loop detector 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
 ● Solemyo solar power accessories



WIDE SYSTEM

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Digital or key switch 6. Post-mounted digital or key switch 7. Loop detector 8. Flashing light



Systems for garage and industrial doors

For garage doors

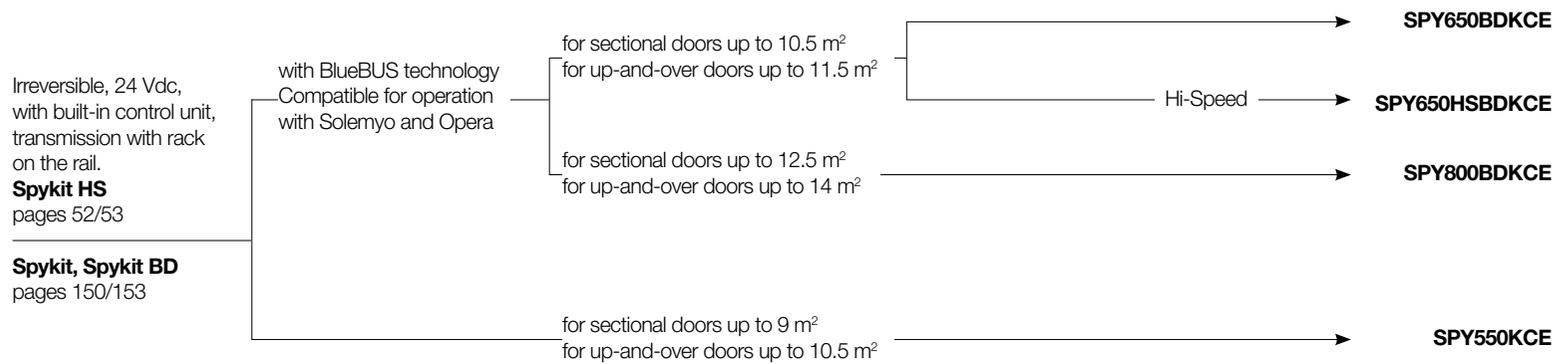
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For balanced rolling doors

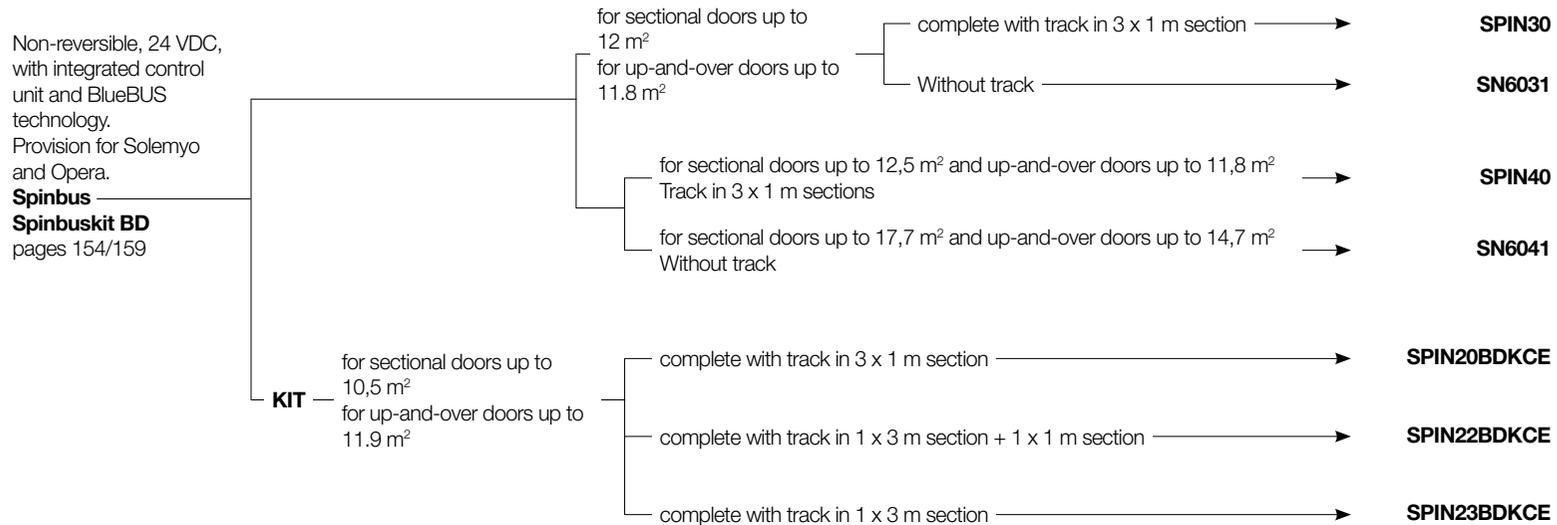
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Selection guide

For sectional and up-and-over doors, also available in kit with bidirectional technology



For sectional and up-and-over doors, also available in a kit with bidirectional technology



For sectional and up-and-over doors, in kit

New gearmotor 600 N with incorporated control unit and built-in receiver. Provision for Opera. **Spido600** pages 160/161

for sectional doors up to 9.6 m²
for up-and-over doors up to 10.5 m²

trasmission type belt

complete with track in 1 x 3.2 m section →

SPIDO32BKCE

complete with track in 1 x 1.6 m section →

SPIDO16BKCE

trasmission type chain

complete with track in 1 x 3.2 m section →

SPIDO32CKCE

complete with track in 1 x 1.6 m section →

SPIDO16CKCE



For up-and-over doors, also available in a kit

Non-reversible, 24 VDC. With integrated LED courtesy light. **Ten Tenkit** pages 162/165

with integrated control unit

with integrated BlueBUS technology, provision for Solemyo and Opera

for doors up to 9/16 m² →

TN2010L

with integrated receiver and electromechanical limit switch. Provision for Opera

for doors up to 9/16 m² →

TN2030L

without integrated control unit

for doors up to 9/16 m² →

TN2020L

Kit with integrated control unit and receiver and electromechanical limit switch. Provision for Opera

for doors up to 9 m² →

TNLKCE



Selection guide

For sectional doors, for industrial and commercial use

Non-reversible, with integrated control unit, LED courtesy light, 24 VDC motor, with absolute encoder, integrated BlueBUS technology. Provision for Solemyo and Opera.

Soon
pages 166/167

for doors up to 20 m²

SO2000



For sectional doors and two-leaf sliding doors for industrial and commercial use

Non-reversible, 24 VDC motor with magnetic encoder, no limit switch adjustment required.

Sumo
pages 168/169

IP44

slow up to 35 m²

SU2000

fast up to 25 m²

SU2000V

super fast up to 15 m²

SU2000VV

IP54, up to 35 m²

SU2010



For two-leaf folding doors

Non-reversible
with telescopic arm.
Hyppo
pagg. 170/171

230 Vac with limit switches in opening and closing.
Compatible with control units with BlueBUS,
Solemyo and Opera technology

HY7100

24 Vdc with magnetic encoder.
Compatible with control units with
BlueBUS, Solemyo and Opera technology

HY7124



Nice

Spykit 550

For sectional doors up to 9 m² and up-and-over doors (including canopy doors) up to 10.5 m².



Available in a KIT



24 Vdc irreversible electromechanical gear motor for residential use, transmission with rack on the rail.

To be combined with SPYRAIL321, SPYRA-IL162 and SPYRAIL081 rails.

Functional and stylish: the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

Handy: Separate control unit: more practical and convenient for programming and maintenance. Integrated LED courtesy light. Three practical keys to control the automation.

Quick to install. A new time-saving solution: the motor power supply module can be easily installed, either on one or the other side of the rail with simple gestures. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

Easy to program: simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using Pro-View.

ON/OFF release system: pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

Inexpensive to run and environmentally-friendly: when connected to the mains in standby mode, the control unit consumes 1.5 W.

Safe: obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

Optimised logistics: for practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sections plus a 0.8 m extension.

Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

24V

Opera

Code	Description	Pcs./Pallet
SPY550KCE	Kit for the automation of sectional and up-and-over doors, 550 N, with SPYBOX control unit and 1 FLO2RE transmitter. Rails not included	48



The kit contains:

Code	Description	Quantity
SPY550	Gearmotor 550 N	1
SPYBOX	Control unit with integrated LED courtesy light and receiver	1
FLO2RE	Transmitter 433.92 MHz, 2 channels	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SPYLIGHT	LED light module accessory for Spyrail (max 2 per Spyrail)	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA6	Enlarged connecting arm, 585 mm long	1
K11	Outside release kit with metal pull-cord and lock and key	1
SPA2	Kit for unlocking from the outside with cable	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SPY550KCE
------	------------------

ELECTRICAL SPECIFICATIONS

Power supply (VAC 50/60 Hz)	230 ± 10%
Draw (A)	1,2
Maximum power (W)	200
Power in standby (W)	1,5

PERFORMANCE DATA

Maximum speed (m/s)	0,15
Maximum force (N)	550
Nominal force (N)	180
Working cycle (cycles/hour)	20
Working cycle (cycles/day)	200

DIMENSIONAL AND GENERAL DATA

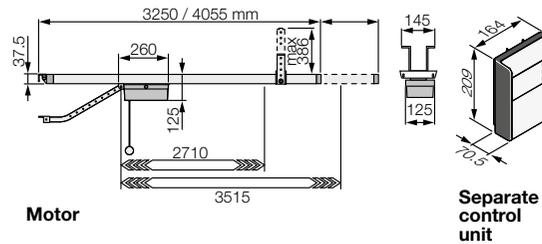
Protection class (IP)	IP40
Operating temperature (°C Min/Max)	-20 ÷ +55
Pack dimensions (mm)	380x380x125
Weight (kg)	3,2

OPERATING LIMITS

	Non-projecting up-and-over door (with SPA5)		Projecting up-and-over door (with SPA5) or with springs (without SPA5)		Sectional	
	H	W	H	W	H	W
SPY550KCE with 3.2 m track	2.3 m	3.5 m	2.8 m	3.5 m	2.5 m	3.6 m
SPY550KCE with 4 m track	3.1 m	2.6 m	3.5 m	2.9 m	3.3 m	2.8 m

Using maximum travel.

DIMENSIONS



TECHNICAL SPECIFICATIONS OF TRACKS

Code	Description	Pcs./Pallet
SPYRAIL321	1 x complete 3.2 m track	48
SPYRAIL162	2 x 1.6 m tracks with assembly accessories	48
SPYRAIL081	0.8 m extension with assembly accessories (to add to the other tracks to reach a length of 4 m)	48

Code	SPYRAIL321	SPYRAIL162	SPYRAIL081*
Type	3.2 m (one section)	3.2 m (2 x 1.6 m sects.)	0.8 m (extension to reach 4 m)
Installed track length (mm)	3270		4075
Useful travel (mm)	2710		3515
Weight (kg)	7,5	8,35	3,3
Pack dimensions (mm)	3230x110x50	1760x110x50	960x110x50
Dimensions accessories pack (mm)	400x400x90		

* For use in combination with SPYRAIL321 and SPYRAIL162 tracks.

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SPYBOX

Control unit/Receiver
<ul style="list-style-type: none"> • Integrated* • OXIBD / OXILR
Transmitter
<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD** / ERA ONE LR** • ERA FLOR / NICEWAY
Photocells
<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
<ul style="list-style-type: none"> • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

** ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR model

Nice

Spykit 650/800 BD

For sectional doors up to 10.5 m² (SPY650) and 12.5 m² (SPY800), up-and-over doors, including canopy doors, up to 11.5 m² (SPY650) and 14 m² (SPY800).



Available in a KIT



24 Vdc irreversible electromechanical gear motor for residential use, transmission with rack on the rail.

To be combined with SPYRAIL321, SPYRAIL162 and SPYRAIL081 rails.

Functional and stylish: the motor is the only component that moves on the rail, there are no chains or other noisy mechanisms. Ideal for any architectural context.

Handy: Separate control unit: more practical and convenient for programming and maintenance. Integrated LED courtesy light. Three practical keys to control the automation.

Quick to install. A new time-saving solution: the motor power supply module can be easily installed, either on one or the other side of the rail with simple gestures. Limit switches easy to position along the rail with no need to stand and work on the ceiling. No chains or other noisy mechanisms to install.

Simple to install with the BlueBus system: requiring just two wires for connection between the control unit and the pairs of photocells and other accessories featuring BlueBus technology.

Easy to program: simple and fast basic programming, using the Quick Setup procedure. Simplified advanced programming, using Pro-View.

ON/OFF release system: pulling the release knob once releases the motor; pulling it a second time blocks the motor again, in any position along the rail.

Inexpensive to run and environmental-friendly: when connected to the mains in standby mode, the control unit consumes 0.5 W.

Safe: obstacle detection, motor power monitoring during travel, diagnostic messages via flashing light and courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Ready for installation of the latest generation 8.2 kOhm resistive sensitive edges.

Optimised logistics: for practical management and transport, the rails are available in different sizes: single 3.2 m long rail, or supplied in two 1.6 m sections plus a 0.8 m extension.

BiDi

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SPY650BDKCE	Kit for automating sectional and up-and-over doors, 650 N, with SPYBOXB control unit, OXIBD receiver with connector included and 1 ON3EBD transmitter, with bidirectional technology. Guides not included	48
SPY800BDKCE	Kit for automating sectional and up-and-over doors, 800 N, with SPYBOXB control unit, OXIBD receiver with connector included and 1 ON3EBD transmitter, with bidirectional technology. Guides not included	48



The SPY650BDKCE kit contains:

Code	Description	Quantity
SPY650	Gearmotor 650 N	1
SPYBOXBHS	Control unit with LED courtesy light	1
OXIBD	Plug-in bidirectional radio receiver	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	1

N.B. The contents of the pack may vary: always consult the dealer.



The SPY800BDKCE kit contains:

Code	Description	Quantity
SPY800	Gearmotor 800 N	1
SPYBOXBHS	Control unit with LED courtesy light	1
OXIBD	Plug-in bidirectional radio receiver	1
ON3EBD	Transmitter, 433.92 MHz, 3-channels, bidirectional	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SPYLIGHT	LED light module accessory for Spyrail (max 2 per Spyrail)	1
PS324	24 V battery with integrated battery charger. Requires accessory TNA9 for wall mounting	1
TNA9	Additional connecting cable and supports for wall-mounting the PS324 battery	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA11	Kit with additional ceiling fixing bracket for Spyrail	1
SPA6	Enlarged connecting arm, 585 mm long	1
K11	Outside release kit with metal pull-cord and lock and key	1
SPA2	Kit for unlocking from the outside with cable	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

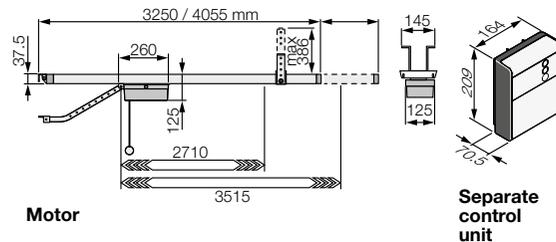
Code	SPY650BDKCE	SPY800BDKCE
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230 ± 10%	
Draw (A)	1,4	1,6
Maximum power (W)	250	300
Power in standby (W)	0,5	0,5
PERFORMANCE DATA		
Maximum speed (m/s)	0,15	0,14
Maximum force (N)	650	800
Nominal force (N)	200	250
Working cycle (cycles/hour)	30	30
Working cycle (cycles/day)	300	300
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	IP40	
Operating temperature (°C Min/Max)	-20 ÷ +55	
Pack dimensions (mm)	380x380x125	
Weight (kg)	3,2	3,4

OPERATING LIMITS

	Non-projecting up-and-over door (with SPA5)		Projecting up-and-over door (with SPA5) or with springs (without SPA5)		Sectional	
	H	W	H	W	H	W
SPY650BDKCE with 3.2 m track	2.3 m	4 m	2.8 m	4 m	2.5 m	4.2 m
SPY650BDKCE with 4 m track	3.1 m	3 m	3.5 m	3.3 m	3.3 m	3.2 m
SPY800BDKCE with 3.2 m track	2.3 m	5 m	2.8 m	5 m	2.5 m	5 m
SPY800BDKCE with 4 m track	3.1 m	3.7 m	3.5 m	4 m	3.3 m	3.8 m

Using maximum travel.

DIMENSIONS



TECHNICAL SPECIFICATIONS OF TRACKS

Code	Description	Pcs./Pallet
SPYRAIL321	1 x complete 3.2 m track	48
SPYRAIL162	2 x 1.6 m tracks with assembly accessories	48
SPYRAIL081	0.8 m extension with assembly accessories (to add to the other tracks to reach a length of 4 m)	48

Code	SPYRAIL321	SPYRAIL162	SPYRAIL081*
Type	3.2 m (one section)	3.2 m (2 x 1.6 m sects.)	0.8 m (extension to reach 4 m)
Installed track length (mm)	3270		4075
Useful travel (mm)	2710		3515
Weight (kg)	7,5	8,35	3,3
Pack dimensions (mm)	3230x110x50	1760x110x50	960x110x50
Dimensions accessories pack (mm)	400x400x90		

* For use in combination with SPYRAIL321 and SPYRAIL162 tracks.

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

**SPYBOX
SPYBOXB**

Control unit/Receiver
<ul style="list-style-type: none"> • Integrated* • OXIBD / OXILR
Transmitter
<ul style="list-style-type: none"> • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz • ERA ONE BD** / ERA ONE LR** • ERA FLOR / NICEWAY
Photocells
<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
<ul style="list-style-type: none"> • ELDC • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

** ERA ONE remote controls, when used with SPYBOX, work as ERA FLOR model

Nice

Spinbus

**For sectional doors up to 12.5 m²
and up-and-over doors up to 11.8 m².**

Version complete with track in 3 x 1 m sections.

Non-reversible electromechanical gearmotor for residential use, belt drive, 24 VDC motor with magnetic encoder.

Quick installation in any space: with the adjustable head, the cable release can be positioned anywhere in the garage without the need to install wall controls.

Savings and respect for the environment: connected to the mains, in stand-by, the control unit with radio connected consumes just 0.8 W (SPIN30) and 1.2 W (SPIN40); connected to a battery or the Solemyo kit, consumption in stand-by drops to 0.036 W.

Ultra-simple, thanks to the BlueBUS system: allows connections with just two wires between the control unit and the pairs of photocells.

Safe: obstacle detection and automatic programming of operating times, monitoring of motor draw during travel, self-diagnostics with flashing light and LED courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Provision for connecting latest generation 8.2 KOhm sensitive edges.

Luminous: integrated LED courtesy light able to replace garage lighting.



Galvanised steel track in three sections with belt drive, ultra-quiet

Turning the light-diffusing "petal" gives access to the integrated BlueBUS control unit

BlueBus

BiDi

24V

Yubii

Solemyo

Opera

Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SPIN30	Non-reversible, 230 VAC, 24 VDC motor, integrated control unit, 800 N. Complete with track in 3 x 1 m sections	14
SPIN40	Non-reversible, 230 VAC, 24 VDC motor, integrated control unit, 1000 N. Complete with track in 3 x 1 m sections	14

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SNA3	Spare control unit for SPIN30/SN6031	1
SNA4	Spare control unit for SPIN40/SN6041	1
PS124	24 V battery with integrated battery charger	1
SPA2	Kit for release from outside with metal pull-cord	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA6	Enlarged connecting arm, 585 mm long	1
SPA7	Kit with two additional fixing brackets	2
SNA16	Quick-connect brackets for ceiling mounting	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

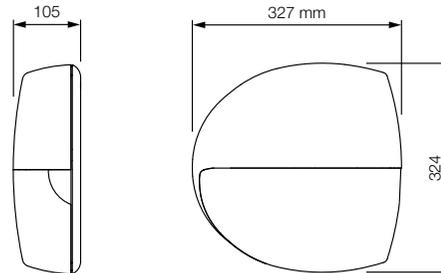
Code	SPIN30	SPIN40
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	
Draw (A)	1,3	1,4
Power (W)	300	370
PERFORMANCE DATA		
Speed (m/s)	0,20	
Force (N)	800	1000
Working cycle (cycles/day)	50	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	40	
Operating temperature (°C Min/Max)	-20 ÷ +55	
Dimensions (mm)	311x327x105 h	
Weight (kg)	3,6	4,7

OPERATING LIMITS

	Non-projecting up-and-over door		Projecting up-and-over door		Sectional	
	H	W	H	W	H	W
SPIN30	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5 m
SPIN40	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5.2 m

Using maximum travel.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SPIN30	SPIN40
Control unit/Receiver	
Integrated*	
<ul style="list-style-type: none"> • • OXIBD / OXILR 	
Transmitter	
<ul style="list-style-type: none"> • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • • ERA ONE BD / ERA ONE LR • • ERA FLOR / NICEWAY 	
Photocells	
EPS - Slim / EPM - Medium / EPL - Large	
<ul style="list-style-type: none"> • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS 	
EPMOR - Medium, reflective	
<ul style="list-style-type: none"> • • EPMORB - Medium, BlueBUS, reflective • • EPMOW - Medium, wireless self-synchronised 	
F210 - Synchronised, adjustable / FT210 - For sensitive edges	
<ul style="list-style-type: none"> • • F210B - BlueBUS • • FT210B - For sensitive edges, BlueBUS 	
Flashing light	
ELAC	
<ul style="list-style-type: none"> • • ELDC • • WLT - Multifunction LED light 	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Spinbus

For sectional doors up to 17.5 m²
and up-and-over doors up to 14.7 m².



Turning the light-diffusing
“petal” gives access to the
integrated BlueBUS control unit

Non-reversible electromechanical gearmotor, 230 VAC for residential use, 24 VDC motor with magnetic encoder.

For use with SNA30 - SNA31 belt tracks or SNA30C - SNA31C chain tracks.

Quick installation in any space: with the adjustable head, the cable release can be positioned anywhere in the garage without the need to install wall controls.

Savings and respect for the environment: connected to the mains, in stand-by, the control unit with radio connected consumes just 0.8 W (SN6031) and 1.2 W (SN6041); connected to a battery or the Solemyo kit, consumption in stand-by drops to 0.036 W.

Ultra-simple, thanks to the BlueBUS system: allows connections with just two wires between the control unit and the pairs of photocells.

Safe: obstacle detection and automatic programming of operating times, monitoring of motor draw during travel, self-diagnostics with flashing light and LED courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Provision for connecting latest generation 8.2 KOhm sensitive edges.

Luminous: integrated LED courtesy light able to replace garage lighting.

BlueBus

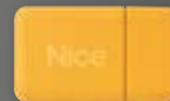
BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SN6031	Non-reversible, 230 VAC, 24 VDC motor, integrated control unit, 800 N	48
SN6041	Non-reversible, 230 VAC, 24 VDC motor, integrated control unit, 1000 N	48

Code	Description	Pcs./Pallet
SNA30	Pre-mounted 3 m belt track	1
SNA31	1 m extension for SNA30 track	1
SNA30C	Pre-mounted 3 m chain track	1
SNA31C	1 m extension for SNA30C track	1

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SNA3	Spare control unit for SPIN30/SN6031	1
SNA4	Spare control unit for SPIN40/SN6041	1
PS124	24 V battery with integrated battery charger	1
SPA2	Kit for release from outside with metal pull-cord	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA6	Enlarged connecting arm, 585 mm long	1
SPA7	Kit with two additional fixing brackets	2
SNA16	Quick-connect brackets for ceiling mounting	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

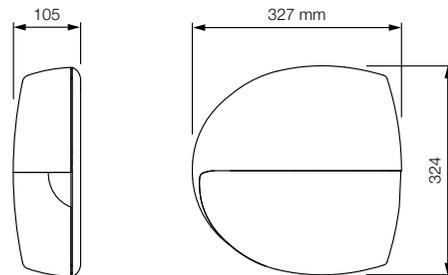
Code	SN6031	SN6041
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50/60 Hz)	230	
Draw (A)	1,3	1,4
Power (W)	300	370
PERFORMANCE DATA		
Speed (m/s)	0,20	
Force (N)	800	1000
Working cycle (cycles/day)	50	
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	40	
Operating temperature (°C Min/Max)	-20 ÷ +55	
Dimensions (mm)	311x327x105 h	
Weight (kg)	3,6	4,7

OPERATING LIMITS

	Non-projecting up-and-over door		Projecting up-and-over door		Sectional	
	H	W	H	W	H	W
SN6031 with SNA30	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5 m
SN6041 with SNA30	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	5.2 m
SN6031 with SNA30 + SNA31	3.2 m	2.9 m	3.5 m	3.4 m	3.4 m	3.5 m
SN6041 with SNA30 + SNA31	3.2 m	4.2 m	3.5 m	4.2 m	3.4 m	5.2 m

Using maximum travel.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SN6031	SN6041
Control unit/Receiver	
Integrated*	
<ul style="list-style-type: none"> • • OXIBD / OXILR 	
Transmitter	
<ul style="list-style-type: none"> • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • • ERA ONE BD / ERA ONE LR • • ERA FLOR / NICEWAY 	
Photocells	
<ul style="list-style-type: none"> • • EPS - Slim / EPM - Medium / EPL - Large • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • • EPMOR - Medium, reflective • • EPMORB - Medium, BlueBUS, reflective • • EPMOW - Medium, wireless self-synchronised • • F210 - Synchronised, adjustable / FT210 - For sensitive edges • • F210B - BlueBUS • • FT210B - For sensitive edges, BlueBUS 	
Flashing light	
ELAC	
<ul style="list-style-type: none"> • • ELDC • • WLT - Multifunction LED light 	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Spinbuskit 20/22/23 BD

For sectional doors up to 10.5 m²
and up-and-over doors up to 11.8 m².



Available in a KIT



BlueBus

BiDi

24V

Yubii

Solemyo

Opera

Three versions in kits:

- track in 3 x 1 m sections SPIN20KCE;
- pre-mounted 4 m track (3+1 m) SPIN22KCE;
- with 3 m pre-mounted track SPIN23KCE.

Quick installation in any space: with the adjustable head, the cable release can be positioned anywhere in the garage without the need to install wall controls.

Savings and respect for the environment: connected to the mains, in stand-by, the control unit with radio connected consumes just 5.2 W; connected to a battery or the Solemyo kit, consumption in stand-by drops to 0.036 W.

No blackouts: operation in event of power failure with the optional batteries (PS124) for insertion in the motor.

Ultra-simple, thanks to the BlueBUS system: allows connections with just two wires between the control unit and the pairs of photocells.

Safe: obstacle detection and automatic programming of operating times, monitoring of motor draw during travel, self-diagnostics with flashing light and LED courtesy light.

Adjustable acceleration and deceleration at the start and end of each manoeuvre.

Provision for connecting latest generation 8.2 KOhm sensitive edges.

Integrated LED courtesy light.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SPIN20BDKCE	Kit to automate sectional and up-and-over doors, with bidirectional technology. Track in 3 x 1 m sections	14
SPIN22BDKCE	Kit to automate sectional and up-and-over doors, with bidirectional technology. Track in 1 x 3 m section + 1 x 1 m section	15
SPIN23BDKCE	Kit to automate sectional and up-and-over doors, with bidirectional technology. 3 m track	15



The SPIN20BDKCE kit contains:

Code	Description	Quantity
SN6021	Gearmotor with SNA20 control unit	1
OXIBD	Integrated plug-in bidirectional radio receiver	1
ON2E	Transmitter, 433.92 MHz, 2 channels	1
-	Track in 3 x 1 m sections	1

N.B. The contents of the pack may vary: always consult the dealer.



The SPIN22BDKCE kit contains:

Code	Description	Quantity
SN6021	Gearmotor with SNA20 control unit	1
OXIBD	Integrated plug-in bidirectional radio receiver	1
ON2E	Transmitter, 433.92 MHz, 2 channels	1
SNA6	Track in 1 x 3 m section + 1 x 1 m section	1

N.B. The contents of the pack may vary: always consult the dealer.



The SPIN23BDKCE kit contains:

Code	Description	Quantity
SN6021	Gearmotor with SNA20 control unit	1
OXIBD	Integrated plug-in bidirectional radio receiver	1
ON2E	Transmitter, 433.92 MHz, 2 channels	1
SNA30	Track in 1 x 3 m section	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SNA20	Spare control unit for SPIN20KCE, SPIN22KCE and SPIN23KCE	1
PS124	24 V battery with integrated battery charger	1
SPA2	Kit for release from outside with metal pull-cord	1
SPA5	Swing arm sliding on bearings, optimised for projecting up-and-over doors	1
SPA6	Enlarged connecting arm, 585 mm long	1
SPA7	Kit with two additional fixing brackets	2
SNA16	Quick-connect bracket for ceiling mounting	10
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

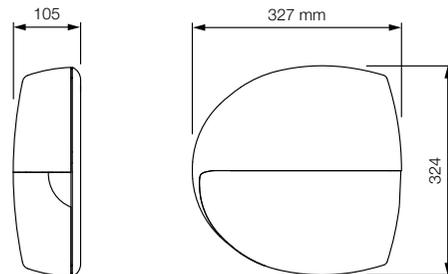
Code	SN6021
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	0,8
Power (W)	270
PERFORMANCE DATA	
Speed (m/s)	0,20
Force (N)	650
Working cycle (cycles/day)	50
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	40
Operating temperature (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	311x327x105 h
Weight (kg)	3,6

OPERATING LIMITS

	Non-projecting up-and-over door		Projecting up-and-over door		Sectional	
	H	W	H	W	H	W
SPIN20KCE	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	4.4 m
SPIN22KCE	3.2 m	2.9 m	3.5 m	3.4 m	3.4 m	3.1 m
SPIN23KCE	2.2 m	4.2 m	2.8 m	4.2 m	2.4 m	4.4 m

Using maximum travel.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SN6021
Control unit/Receiver
Integrated*
• OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• ERA ONE BD / ERA ONE LR
• ERA FLOR / NICEWAY
Photocells
• EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
• FT210B - For sensitive edges, BlueBUS
Flashing light
ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Spido 600

For sectional doors up to 9.6 m²
and up-and-over doors up to 10.5 m².



Also available in a KIT

INNOVATIVE DESIGN,
HIGH EFFICIENCY

2023 News

Metal made motorhead
back plate, 100% robust

Rail height
equal to 3 cm

New unlock
system

Only 9 cm in height,
perfectly fits inside
your garage

BUS T4

24V

Opera

New gearmotor 600 N with incorporated control unit and integrated receiver.
Remote control via MyNice Welcome App thanks to Nice Core Wifi-Radio gateway to manage all your Nice automations.

Four different kit to choose from:
With pre-assembled 3.2 m one-piece guide with belt or chain (SPIDO32BKCE, SPIDO32CKCE).
With 1.6 m two-piece guide with belt or chain (SPIDO16BKCE, SPIDO16CKCE).

Time saving for the installation

- **Precise limit switches regulation.** No need of installing and adjusting limit switches on the rail.
- **Installer friendly programming** thanks to 1 digit display.

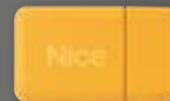
Handy and safe design

- **Easy and safe handling:** Rail is now 30mm high with fully integrated carriage and rail head. Transport has never been so safe.
- **Only 9 cm in height,** perfectly fits inside your garage.
- **Easy to access** control unit thanks to user-friendly cover.
- **New unlock system** to operate the garage door manually in case of blackout.

Performance

Open your garage door in just 10 seconds**. Longer useful stroke: 20cm longer rail, ideal for most of the garage doors in the market.

**Considering a typical installation with a balanced, 2,25 mt high garage door, excluding acceleration and deceleration phases.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description
SPIDO32BKCE	Kit to automate sectional and up-and-over doors, 600N, with incorporated control unit and integrated monodirectional receiver, 1 piece 3.2 mt guide with belt
SPIDO16BKCE	Kit to automate sectional and up-and-over doors, 600N, with incorporated control unit and integrated monodirectional receiver, 2-pieces 1.6 mt guide with belt
SPIDO32CKCE	Kit to automate sectional and up-and-over doors, 600N, with incorporated control unit and integrated monodirectional receiver, 1 piece 3.2 mt guide with chain
SPIDO16CKCE	Kit to automate sectional and up-and-over doors, 600N, with incorporated control unit and integrated monodirectional receiver, 2-pieces 1.6 mt guide with chain



The SPIDO32BKCE kit contains:

Code	Description	Quantity
SPIDO600	Gearmotor with incorporated control unit and integrated monodirectional Opera receiver	1
ON2E	Transmitter 433.92 MHz, 2 channels	2
SR32B	Rail length 1 piece 3.2 mt, transmission type belt	1



The SPIDO16BKCE kit contains:

Code	Description	Quantity
SPIDO600	Gearmotor with incorporated control unit and integrated monodirectional Opera receiver	1
ON2E	Transmitter 433.92 MHz, 2 channels	2
SR16B	Rail length 2 pieces 1.6 mt each, transmission type belt	1



The SPIDO32CKCE kit contains:

Code	Description	Quantity
SPIDO600	Gearmotor with incorporated control unit and integrated monodirectional Opera receiver	1
ON2E	Transmitter 433.92 MHz, 2 channels	2
SR32C	Rail length 1 piece 3.2 mt, transmission type chain	1



The SPIDO16CKCE kit contains:

Code	Description	Quantity
SPIDO600	Gearmotor with incorporated control unit and integrated monodirectional Opera receiver	1
ON2E	Transmitter 433.92 MHz, 2 channels	2
SR16C	Rail length 2 pieces 1.6 mt each, transmission type chain	1

COMMON ACCESSORIES

Code	Description	Pcs. Pack
SPA600	Spare control unit for SPIDO32BKCE, SPIDO32CKCE, SPIDO16BKCE, SPIDO16CKCE	1
PS124	24 V battery with integrated battery charger	1
KI1	Outside release kit with metal pull-cord and lock and key	1
SPA2	Kit for unlocking from the outside with cable	1
SPA5	Oscillating arm sliding on bearings with optimised structure for projecting up-and-over doors	1
SPA6	Large 585 mm long connecting arm	1
SPA7	Kit of two additional fixing brackets	2
SRA1	Quick-connect brackets for ceiling mounting	6
TS	Signboard	1

N.B. The contents of the pack may vary: always consult the dealer.

TECHNICAL SPECIFICATIONS

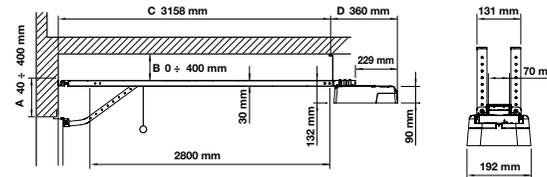
Code	SPIDO600
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	1
Maximum power (W)	150
PERFORMANCE DATA	
Maximum speed (m/s)	0,2
Maximum force (N)	600
Working cycle (cycles/day)	40
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	40
Operating temperature (°C Min/Max)	-20 ÷ +55
Pack dimensions (mm)	192x344x90
Weight (kg)	3,8

OPERATING LIMITS

	Non-projecting up-and-over door (with SPA5)		Projecting up-and-over door (with SPA5) or with springs (without SPA5)		Sectional	
	H	W	H	W	H	W
SR32/16	3.5	2.4	3.5	3	3.7	2.6
SR40*	2.7	3.4	3	3.6	2.9	3.4

Using maximum travel.
*Valid also for SR32/16 + SR08

DIMENSIONS



TECHNICAL SPECIFICATIONS OF TRACKS

Code	SR32B/C	SR16B/C	SR08/C	SR40B
Type	1-piece guide in galvanized steel	2-pieces guide in galvanized steel	Guide extension in galvanized steel	1-piece guide in galvanized steel + guide extension
Installed track length (mm)	3200	3200 (1600x2)	800*	3200+800
Useful travel (mm)	2800	2800	3500**	3500**
Weight (kg)	6.5	7	2.6	8.3
Pack dimensions (mm)	3300x90x45	1690x165x45	818x114x85	3300x90x45

*To be used with 3.2 m guide to reach 4m length.
**Referred to 4 m guide.

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SPIDO

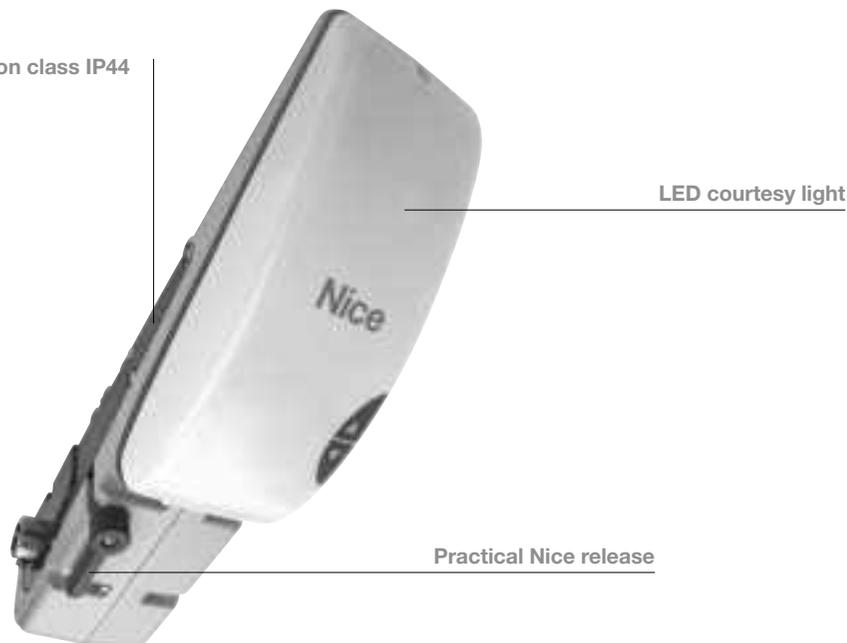
Control unit/Receiver
• Integrated*
OXIBD / OXILR
Transmitter
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• ERA ONE** - 1, 2, 4 or 9 channels, 433.92 MHz
ERA ONE BD** / ERA ONE LR**
ERA FLOR / NICEWAY
Photocells
• EPS - Slim / EPM - Medium / EPL - Large
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• EPMOR - Medium, reflective
• EPMORB - Medium, BlueBUS, reflective
• EPMOW - Medium, wireless self-synchronised
• F210 - Synchronised, adjustable / FT210 - For sensitive edges
• F210B - BlueBUS
Flashing light
• ELAC
• ELDC
• WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Ten

For projecting and non-projecting up-and-over doors up to 9 m² and 2.6 m high (up to 16 m² and 2.6 m high using 2 motors).

Protection class IP44



LED courtesy light

Practical Nice release

Electromechanical gearmotor, 24 VDC.

Three versions, standard and enhanced:

- with integrated control unit, force controller and absolute encoder (TN2010L);
- with integrated control unit and receiver and electromechanical limit switch (TN2030L);
- without control unit (TN2020L).

Reliable and precise: memorising of limit switch positions in opening and closing; gradual start and deceleration in opening and closing.

Safe: obstacle detection, monitoring of motor draw during travel, self-diagnostics via LED courtesy light and flashing light.

Provision for connecting latest generation optical and resistive 8.2 KOhm sensitive edges.

Functional: possibility of combining a second motor without TN2020L control unit, to automate doors up to 16 m².

Model TN2030L with integrated radio receiver, also compatible with Nice Flo and Smilo systems.

Model TN2010L with BlueBUS technology and provision for the Solemyo and Opera systems, compatible with the Yubii system and bidirectional receiver.

Advanced: absolute encoder guarantees millimetric precision without the need for limit switches; reliable, retains set values over time.

Simple: thanks to the BlueBUS technology allowing connections with just two wires between the control unit and the photocells.

Energy saving: when the system is not in use, it switches to stand-by.

Practical: integrated control unit and PS324 buffer batteries (optional) connected via a practical guided plug-in connector.

Provision for Nice SMXI and OXI plug-in receivers (optional).

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TN2010L	Non-reversible, 24 VDC, with integrated control unit, LED courtesy light, absolute encoder and BlueBUS technology, provision for Opera and Solemyo	15
TN2030L	Non-reversible, 24 VDC, with integrated control unit and receiver, LED courtesy light and electromechanical limit switch	15
TN2020L	Non-reversible, 24 VDC, with LED courtesy light, without integrated control unit	15

COMMON ACCESSORIES

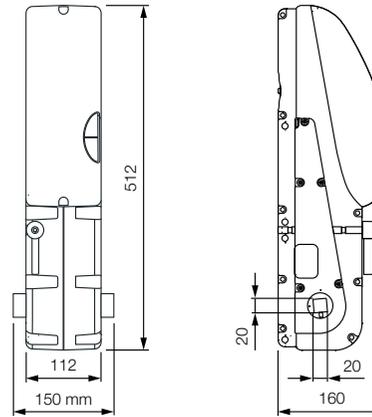
Code	Description	Pcs. Pack
TNA1	Spare control unit for TN2030L and TNLKCE	1
TNA2	Spare control unit for TN2010L	1
PS324	24 V battery with integrated battery charger. Only for TN2010L	1
TNA9	Additional connecting cable and supports for wall-mounting the PS324 battery	1
OTA2	Motor bracket, length 1250 mm	1
OTA3	Motor bracket, length 2000 mm	1
OTA9	Motor bracket, length 520 mm	1
TNA5	Pair of standard straight telescopic arms	1
TNA6	Pair of standard curved telescopic arms	1
TNA8	Pair of drive shafts 20x20 mm, length 200 mm	1
TNA4	Pair of drive shafts 20x20 mm, length 1500 mm	1
TNA38	Drive device for 1 pair of drive shafts	1
OTA11	Kit for release from outside with metal pull-cord	1
OTA12	Kit for release from outside with key ratchet (cannot be used with side-mounted motors)	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	TN2010L	TN2010L+TN2020L	TN2030L	TN2030L+TN2020L
ELECTRICAL SPECIFICATIONS				
Power supply (VAC 50/60 Hz)	230			
Draw (A)	1	1,4	1	1,4
Power (W)	240	350	220	330
PERFORMANCE DATA				
Speed (m/s)	1,7		1,4	
Torque (Nm)	350	500	420	700
Working cycle (cycles/hour)	15	25	20	10
DIMENSIONAL AND GENERAL DATA				
Protection class (IP)	44			
Operating temperature (°C Min/Max)	-20 ÷ +50			
Dimensions (mm)	150x158x512 h			
Weight (kg)	10	17,2*	9,5	16,7*

* 7.2 per TN2020L.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TN2010L TN2030L	Control unit/Receiver
	<ul style="list-style-type: none"> • Integrated* • OXIBD / OXILR
	Transmitter
	<ul style="list-style-type: none"> • • ERA INTI - 1 or 2 channels, 433.92 MHz, coloured • • ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz • • ERA ONE BD / ERA ONE LR • • ERA FLOR / NICEWAY
	Photocells
	<ul style="list-style-type: none"> • EPS - Slim / EPM - Medium / EPL - Large • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS • EPMOR - Medium, reflective • EPMORB - Medium, BlueBUS, reflective • • EPMOW - Medium, wireless self-synchronised • F210 - Synchronised, adjustable / FT210 - For sensitive edges • F210B - BlueBUS • FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
	<ul style="list-style-type: none"> • • ELDC • • WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Tenkit

For projecting and non-projecting up-and-over doors up to 9 m² and 2.6 m high.



Available in a KIT



24V

Opera

Electromechanical gearmotor, non-reversible, 24 VDC.

Functionality: input for standard photocells and possibility of self-learning phototest connection during installation.

Simplified programming via

Pro-View: thanks to compatibility with the Opera system, the automation system can also be managed, programmed and controlled remotely, with considerable time savings.

Convenience: integrated radio card also compatible with Nice Flo and Smilo systems: can memorise up to 100 transmitters. Key programming and automatic position search.

Adjustments: 3 force levels, 2 speeds, 3 pause time levels, 3 step-by-step modes.

Maximum safety: provision for connecting latest generation 8.2 KOhm sensitive edges.

Obstacle detection and automatic programming of operating times, monitoring of motor draw during travel, self-diagnostics with flashing light and LED courtesy light.

Acceleration and deceleration at the start and end of each manoeuvre.



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
TNLKCE	Non-reversible, 24 VDC, with integrated control unit and receiver, LED courtesy light and electromechanical limit switch	15



The TNLKCE kit contains:

Code	Description	Quantity
TNLKCE	Gearmotor with integrated control unit and receiver, complete with pair of TNA5 telescopic arms and relative TNA38 drive devices	1
FLO2RE	Transmitter, 433.92 MHz, 2 channels	1
TS	Sign	1

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

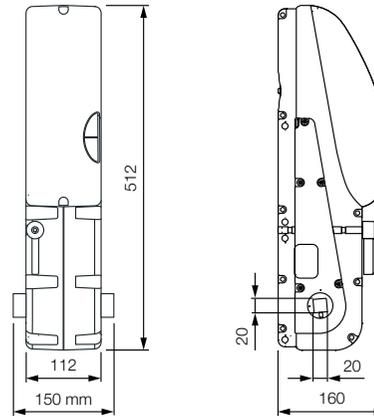
Code	Description	Pcs. Pack
TNA1	Spare control unit for TN2030L and TNLKCE	1
OTA2	Motor bracket, length 1250 mm	1
OTA3	Motor bracket, length 2000 mm	1
OTA9	Motor bracket, length 520 mm	1
OTA11	Kit for release from outside with metal pull-cord	1
OTA12	Kit for release from outside with key ratchet (cannot be used with side-mounted motors)	1
TNA5	Pair of standard straight telescopic arms	1
TNA6	Pair of standard curved telescopic arms	1
TNA8	Pair of drive shafts 20x20 mm, length 200 mm	1
TNA4	Pair of drive shafts 20x20 mm, length 1500 mm	1
TNA38	Drive device for 1 pair of drive shafts	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	TNLKCE
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	0,9
Power (W)	200
PERFORMANCE DATA	
Speed (m/s)	1,7
Torque (Nm)	280
Working cycle (cycles/hour)	20
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +55
Dimensions (mm)	150x158x512 h
Weight (kg)	15,5

* 7.2 per TN2020L.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TN2030L

Control unit/Receiver	
• Integrated*	
OXIBD / OXILR	
Transmitter	
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured	
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz	
ERA ONE BD / ERA ONE LR	
• ERA FLOR / NICEWAY	
Photocells	
• EPS - Slim / EPM - Medium / EPL - Large	
EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS	
• EPMOR - Medium, reflective	
EPMORB - Medium, BlueBUS, reflective	
• EPMOW - Medium, wireless self-synchronised	
• F210 - Synchronised, adjustable / FT210 - For sensitive edges	
F210B - BlueBUS	
FT210B - For sensitive edges, BlueBUS	
Flashing light	
ELAC	
• ELDC	
• WLT - Multifunction LED light	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Soon

For sectional doors up to 20 m².

For balanced sectional doors with anti-fallback system (safety device in case the balancing springs break).



Protective cowling with LED courtesy light: control unit functions can be connected, programmed or modified without removing the casing

Release system with 4 m long cable

Electromechanical gearmotor, 24 VDC, with absolute encoder.

Versatile: ideal in residential contexts including with large garage doors, in multi-user contexts including with intensive use and in industrial contexts with small sectional doors. For example 3x3 m loading points.

All-in-one: integrated control centre. No track, no rack.

Easy installation: directly on the shaft of the sectional door; very small, especially in width, for easy mounting in any position.

Ultra-simple, thanks to the BlueBUS system: connections with two wires between the control unit and the pairs of photocells.

Practical: control unit and PS124 buffer batteries (optional) housed inside, connected with practical guided plug-in connector.

Energy saving: when the system is not in use, it switches to stand-by.

Reliable and precise: memorising of limit switch positions in opening and closing; gradual start and deceleration in opening and closing; the absolute encoder technology guarantees precision without the need for limit switches, reliability, retains set values over time.

Safe: obstacle detection, monitoring of motor draw during travel, self-diagnostics via LED courtesy light and flashing light.

Provision for connecting latest generation optical and resistive 8.2 KOhm sensitive edges.

Easy maintenance: removable terminals and receiver.

Easy certification: passes impact tests without additional accessories.

BlueBus

BiDi

24V

Yubii

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SO2000	Non-reversible, 24 VDC, with absolute encoder for doors up to 5 m high	20

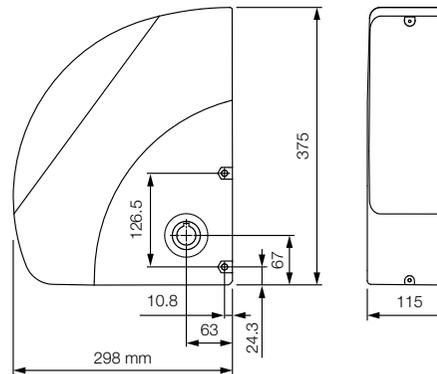
COMMON ACCESSORIES

Code	Description	Pcs. Pack
SPSOA2	Spare control unit for SO2000	1
PS124	24 V battery with integrated battery charger	1
CRA9	Adapter for shafts with 31.75 (1 1/4") diameter - 35 - 40 mm	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SO2000
ELECTRICAL SPECIFICATIONS	
Power supply (VAC 50/60 Hz)	230
Draw (A)	1,6
Power (W)	350
PERFORMANCE DATA	
Speed (m/s)	30
Torque (Nm)	50
Working cycle (cycles/hour)	15
DIMENSIONAL AND GENERAL DATA	
Protection class (IP)	44
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	115x300x375 h
Weight (kg)	10,5

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SO2000	
Control unit/Receiver	
Integrated*	
• OXIBD / OXILR	
Transmitter	
• ERA INTI - 1 or 2 channels, 433.92 MHz, coloured	
• ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz	
• ERA ONE BD / ERA ONE LR	
• ERA FLOR / NICEWAY	
Photocells	
EPS - Slim / EPM - Medium / EPL - Large	
• EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS	
EPMOR - Medium, reflective	
• EPMORB - Medium, BlueBUS, reflective	
• EPMOW - Medium, wireless self-synchronised	
F210 - Synchronised, adjustable / FT210 - For sensitive edges	
• F210B - BlueBUS	
• FT210B - For sensitive edges, BlueBUS	
Flashing light	
ELAC	
• ELDC	
• WLT - Multifunction LED light	

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Sumo

For sectional doors and two-leaf sliding doors up to 35 m².

Ultra-compact casing made entirely in thick cast aluminium

6.5 m cable release m with emergency handle



Compartment inspectable and easily accessible for connections

Electromechanical gearmotor, 24 VDC, with magnetic encoder, no limit switch adjustment required.

Ideal for intensive use.

Compact and versatile: very small, especially in width, for easy mounting in any position; fast installation.

Easy to install: directly on the shaft of the sectional door. Ideal for Ø 25,4 mm shafts and can also be used on Ø 31,75-35-40 mm shafts, thanks to the CRA9 adapter.

Many different functions with the separate D-Pro 924 control unit:

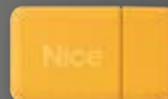
- memorising of limit switches in opening and closing;
- gradual start and deceleration in opening and closing;
- optional battery power supply in the event of power failure;
- programming of pause time and regulation of movement speed;
- “service” maintenance warning (programmable according to the desired number of manoeuvres).

24V

BiDi

Yubii

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
SU2000	Non-reversible, 24 VDC, with magnetic encoder, no limit switch adjustment required, for doors from 15 m ² to 35 m ²	20
SU2000V	Non-reversible, 24 VDC, with magnetic encoder, no limit switch adjustment required, fast, for doors from 10 m ² to 25 m ²	20
SU2000VV	Non-reversible, 24 VDC, with magnetic encoder, no limit switch adjustment required, super-fast, for doors from 10 m ² to 15 m ²	20
SU2010	Non-reversible, 24 VDC, with magnetic encoder, no limit switch adjustment required, IP54, for doors from 15 m ² to 35 m ²	20

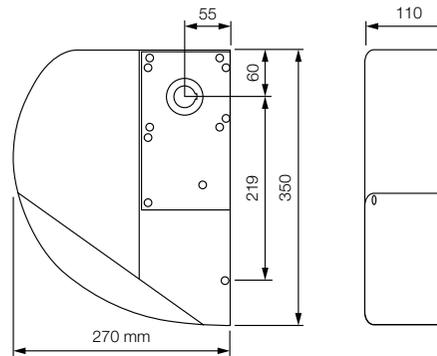
COMMON ACCESSORIES

Code	Description	Pcs. Pack
DPRO924	Control unit	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
CRA1	Shaft with 18-tooth pinion, shaft Ø 25.4 mm, crown int. Ø 25.4 mm	1
CRA2	Coupling for chain	1
CRA5	Chain tensioner with brackets, ideal for 1- or 2-leaf industrial doors	1
CRA3	1/2" chain, 1 m pack with coupling	1
CRA4	1/2" chain, 5 m pack, ideal for 1- or 2-leaf industrial doors with coupling	1
CRA8	Wall mounting bracket	2
CRA9	Adapter for shafts with 31.75 (1 1/4") diameter - 35 - 40 mm	1
CRA6	36-tooth crown, int. Ø 25.4 mm	1
CRA7	18-tooth crown, int. Ø 25.4 mm	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1
TS	Sign	1

TECHNICAL SPECIFICATIONS

Code	SU2000	SU2000V	SU2000VV	SU2010
ELECTRICAL SPECIFICATIONS				
Power supply (VDC)	24			
Draw (A)	13			
Power (W)	500			
PERFORMANCE DATA				
Speed (m/s)	16	23,5	42	16
Torque (Nm)	120	82	46	120
Work cycle (%)	50			
DIMENSIONAL AND GENERAL DATA				
Protection class (IP)	44			54
Operating temperature (°C Min/Max)	-20 ÷ +50			
Dimensions (mm)	110x270x350 h			
Weight (kg)	10,5			

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

SU2000 SU2000V SU2000VV SU2010	Control unit/Receiver
	MC200 / Integrated*
	MC800 / OXIBD / OXILR
	DPRO500 / OXIBD / OXILR
• • • •	DPRO924 / OXIBD / OXILR
	MC424L / Integrated* / OXIBD / OXILR
	MC824H / OXIBD / OXILR
	MC824HR / OXIBD / OXILR
	Transmitter
• • • •	ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• • • •	ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
• • • •	ERA ONE BD / ERA ONE LR
• • • •	ERA FLOR / NICEWAY
	Photocells
• • • •	EPS - Slim / EPM - Medium / EPL - Large
• • • •	EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• • • •	EPMOR - Medium, reflective
• • • •	EPMORB - Medium, BlueBUS, reflective
• • • •	EPMOW - Medium, wireless self-synchronised
• • • •	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	F210B - BlueBUS
	FT210B - For sensitive edges, BlueBUS
	Flashing light
	ELAC
• • • •	ELDC
	WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Hyppo

For two-leaf folding doors.



Shock-proof body without sharp edges, minimal size

Nice aluminium release and provision for release from outside

Non-reversible electromechanical gearmotor with telescopic arm, also available in 24 VDC version, with magnetic encoder. One model for right or left leaf.

Integrated double limit switch: in both opening and closing, pre-wired: fewer connections and fast installation (for HY7100 only).

100% metal mechanics.

Sturdy galvanised telescopic arm.

Recommended control units:

- for HY7100 Moonclever MC800;
- for HY7124 Moonclever MC824H.

24 VDC version with magnetic encoder.

Ideal for intensive use, compatible with Moonclever MC824H control unit:

- simple programming with a single key;
- self-learning of opening and closing limit switches;
- fault self-diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration in opening and closing;
- double technology obstacle detection;
- operation in event of power failure with optional rechargeable batteries (PS324);
- provision for connecting latest generation 8.2 KOhm resistive sensitive edges.

BlueBus

BiDi

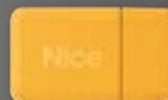
24V

Yubii

230V

Solemyo

Opera



Programmable via App

With Pro-View or BiDi-WiFi & MyNice Pro App, installing Nice Gate&Door systems is even simpler and easier.



Find out more on page → 30

Code	Description	Pcs./Pallet
HY7100	Non-reversible, 230 VAC, complete with galvanised and painted telescopic arm, with limit switches in opening and closing	16
HY7124	Non-reversible, 24 VDC, with magnetic encoder, complete with galvanised and painted telescopic arm	16

COMMON ACCESSORIES

Code	Description	Pcs. Pack
HYA11	Release from inside with 6 m cable	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1
TS	Sign	1

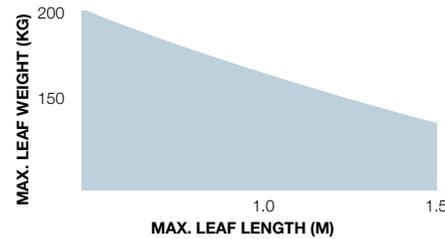
ACCESSORIES FOR 24 V VERSIONS

Code	Description	Pcs. Pack
PS324	24 V battery with integrated battery charger	1
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	1

TECHNICAL SPECIFICATIONS

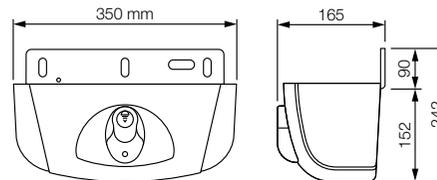
Code	HY7100	HY7124
ELECTRICAL SPECIFICATIONS		
Power supply (VAC 50 Hz)*	230	-
Power supply (VDC)	-	24
Draw (A)	1,2	5
Power (W)	250	120
PERFORMANCE DATA		
Speed (m/s)	1,7	2
Torque (Nm)	400	250
Work cycle (%)	30	80
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	20	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	350x165x242 h	
Weight (kg)	13	

OPERATING LIMITS



The values described above refer to use of motors with standard accessories.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

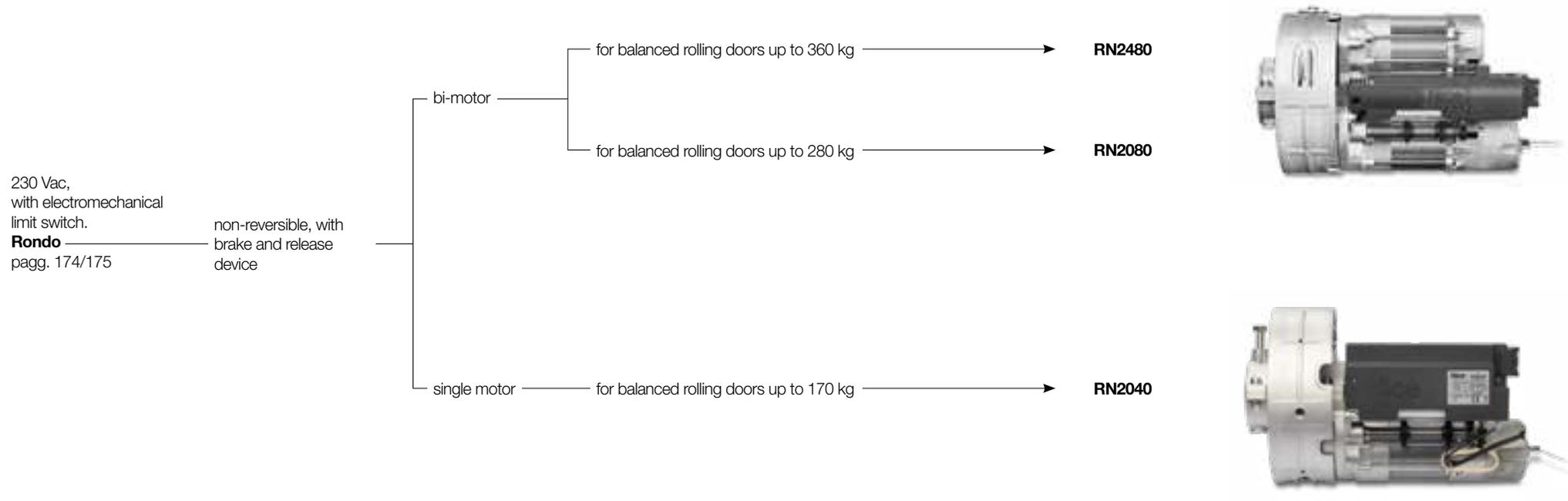
HY7100	HY7124
Control unit/Receiver	
MC200 / Integrated*	
<ul style="list-style-type: none"> MC800 / OXIBD / OXILR 	
DPRO500 / OXIBD / OXILR	
DPRO924 / OXIBD / OXILR	
MC424L / Integrated* / OXIBD / OXILR	
<ul style="list-style-type: none"> MC824H / OXIBD / OXILR MC824HR / OXIBD / OXILR 	
Transmitter	
<ul style="list-style-type: none"> ERA INTI - 1 or 2 channels, 433.92 MHz, coloured ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz ERA ONE BD / ERA ONE LR ERA FLOR / NICEWAY 	
Photocells	
EPS - Slim / EPM - Medium / EPL - Large	
<ul style="list-style-type: none"> EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS EPMOR - Medium, reflective EPMORB - Medium, BlueBUS, reflective EPMOW - Medium, wireless self-synchronised 	
F210 - Synchronised, adjustable / FT210 - For sensitive edges	
<ul style="list-style-type: none"> F210B - BlueBUS FT210B - For sensitive edges, BlueBUS 	
Flashing light	
<ul style="list-style-type: none"> ELAC ELDC WLT - Multifunction LED light 	

* Radio receiver not compatible with the O-box functions of the Opera system.

**Nice for
balanced rolling doors**



Selection guide



Rondo

For balanced rolling doors up to 360 kg.

Model RN2040



Sturdy: 100% aluminium body

Easy to programme: easy to adjust electromechanical limit switches in both opening and closing

Complete: provision for cable release

Programmable via App

With Pro-View or Bidi-WiFi & MyNice Pro App. Find out more on page → 30

230V

Opera

Non-reversible electromechanical gearmotor.

Easy to programme: Simple adjustment of the mechanical limit switches thanks to the new white tab that allows the wheels used to adjust the rolling door opening and closing positions to be disengaged easily.

Easy to install: A few simple steps are all it takes to efficiently install the gearmotor on the spring shaft. Thanks to the crown and spring shaft adapters available, the product can satisfy a wide range of installation requirements.

Easy to use: Simple release system to block and release the rolling door from the ground (release cable 7 m long for double motor models, 5 m long for the single motor model).

Safe: All models in the range are fitted with an electro-brake. If there is a blackout while the rolling door is open, there is no risk of it falling.

Versatile: The new mechanical limit switch system allows the automation to be installed on rolling doors up to 7 m high.

Recommended MC200 control unit, easy, complete and reliable with:

- compatible with the Opera system;
- remote control with the MyNice Welcome App (thanks to the IT4WIFI interface);
- semi-automatic and automatic operation;
- complete reversal with photocell;
- SS function;
- programmable SS-open input;
- programmable alt-photo input;
- dedicated input for resistive edge;
- integrated radio card compatible with Nice FlorR, Opera and Smilo systems.

Bi-motor models RN2080 and RN2480



Code	Description	Pcs./Pallet
RN2480	For balanced rolling doors up to 360 kg, non-reversible, with electro-brake and release device	30
RN2080	For balanced rolling doors up to 280 kg, non-reversible, with electro-brake and release device	40
RN2040	For balanced rolling doors up to 170 kg, non-reversible, with electro-brake and release device	40

COMMON ACCESSORIES

Code	Description	Pcs. Pack
MC200	Control unit with automatic closing	1
RNA02	Ø 42 mm shaft adapter for Rondo	1
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KIOMINI	Aluminium key switch with control and release button	1
TS	Sign	1

COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

RN2480 RN2080 RN2040	
	Control unit/Receiver
• • •	MC200 / Integrated*
	MC800 / OXIBD / OXILR
	DPRO500 / OXIBD / OXILR
	DPRO924 / OXIBD / OXILR
	MC424L / Integrated* / OXIBD / OXILR
	MC824H / OXIBD / OXILR
	MC824HR / OXIBD / OXILR
	Transmitter
• • •	ERA INTI - 1 or 2 channels, 433.92 MHz, coloured
• • •	ERA ONE - 1, 2, 4 or 9 channels, 433.92 MHz
	ERA ONE BD / ERA ONE LR
• • •	ERA FLOR / NICEWAY
	Photocells
• • •	EPS - Slim / EPM - Medium / EPL - Large
	EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
• • •	EPMOR - Medium, reflective
	EPMORB - Medium, BlueBUS, reflective
• • •	EPMOW - Medium, wireless self-synchronised
• • •	F210 - Synchronised, adjustable / FT210 - For sensitive edges
	F210B - BlueBUS
	FT210B - For sensitive edges, BlueBUS
	Flashing light
• • •	ELAC
	ELDC
	WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

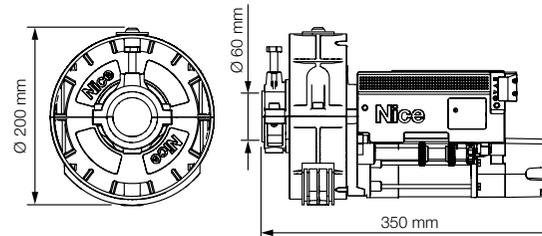
TECHNICAL SPECIFICATIONS

Code	RN2480	RN2080	RN2040
ELECTRICAL SPECIFICATIONS			
Power supply (VAC 50 Hz)*	230	230	230
Draw (A)	5,4	5,4	2,7
Power (W)	1.260	1.260	630
PERFORMANCE DATA			
Speed (m/s)	9	10	10
Torque (Nm)	400	280	170
Continuous operating time (min)	4	4	4
Limit switch (m)	7	7	7
DIMENSIONAL AND GENERAL DATA			
Shaft diameter (mm)	76	60	60
Shaft adapters**	-	-	48
Crown diameter (mm)	240	200	200
Crown adapters**	-	220	220
Electro-brake	Yes	Yes	Yes
Release cable (m)	7	7	5
Power cable (length in m)	4x1 mm ² (6 m)	4x1 mm ² (6 m)	4x0.75 mm ² (4 m)
Protection class (IP)	20	20	20
Operating temperature (°C Min/Max)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +50
Dimensions (mm)	240x370	200x350	200x350
Weight (kg)	17	14	8

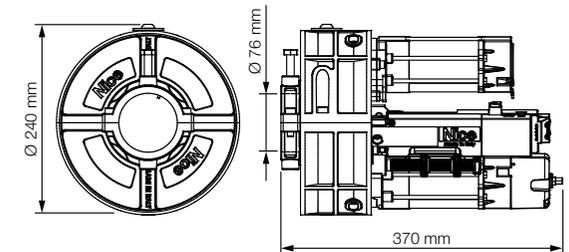
* 120 VAC version available on request. **Included with product.

DIMENSIONS

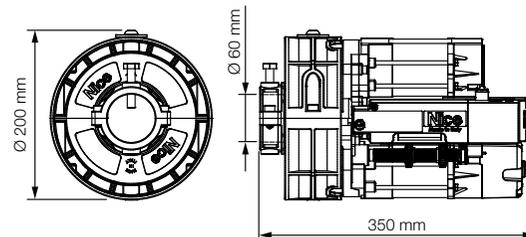
RN2040



RN2480



RN2080



Accessories for garage and industrial doors

ACCESSORIES



SPA2
Kit for release from outside with metal pull-cord.
Pcs./pack 1



SPA5
Swing arm sliding on bearings, optimised for projecting up-and-over doors.
Pcs./pack 1



SPA6
Enlarged connecting arm, 585 mm long.
Pcs./pack 1



SPA7
Kit with two additional fixing brackets.
Pcs./pack 2



SPA11
Kit with additional ceiling fixing bracket for Spyrail.
Pcs./pack 1



SRA1
Quick-connect bracket for ceiling mounting.
Pcs./pack 1



SNA16
Quick-connect bracket for ceiling mounting.
Pcs./pack 10



OTA2
Motor bracket, length 1250 mm.
Pcs./pack 1



OTA3
Motor bracket, length 2000 mm.
Pcs./pack 1



OTA9
Motor bracket, length 520 mm.
Pcs./pack 1



TNA5
Pair of standard straight telescopic arms.
Pcs./pack 1



TNA6
Pair of standard curved telescopic arms.
Pcs./pack 1



TNA8
Pair of drive shafts 20x20 mm, length 200 mm.
Pcs./pack 1



TNA4
Pair of drive shafts 20x20 mm, length 1500 mm.
Pcs./pack 1



TNA38
Drive device for 1 pair of drive shafts.
Pcs./pack 1



OTA11
Kit for release from outside with metal pull-cord.
Pcs./pack 1



OTA12
Kit for release from outside with key ratchet (cannot be used with side-mounted motors).
Pcs./pack 1



CRA1
Shaft with 18-tooth pinion, shaft Ø 25.4 mm, crown int. Ø 25.4 mm.
Pcs./pack 1



CRA2
Coupling for chain.
Pcs./pack 1



CRA3
1/2" chain, 1 m pack with coupling.
Pcs./pack 1



CRA4
1/2" chain, 5 m pack, ideal for 1- or 2-leaf industrial doors with coupling.
Pcs./pack 1



CRA5
Chain tensioner with brackets, ideal for 1- or 2-leaf industrial doors.
Pcs./pack 1



CRA6
36-tooth crown, int. Ø 25.4 mm.
Pcs./pack 1



CRA7
18-tooth crown, int. Ø 25.4 mm.
Pcs./pack 1



CRA8
Wall mounting bracket.
Pcs./pack 2



CRA9
Adapter for shafts with 31.75 (1 1/4") diameter - 35 - 40 mm.
Pcs./pack 1



RNA02
Ø 42 mm shaft adapter for Rondo.
Pcs./pack 1



HYA11
Release from inside with 6 m cable.
Pcs./pack 1



KIO
Key switch for low-voltage contacts, with release mechanism for metal cable.
Pcs./pack 1



KIOMINI
Aluminium key switch with control and release button.
Pcs./pack 1



KA1
Kit with 6 m metal cable for KIO.
Pcs./pack 1



WLT
Multifunction LED signal light. See page 203.
Pcs./pack 1



TS
Sign.
Pcs./pack 1

SPARE CONTROL UNITS



SNA3
Spare control unit for SPIN30/SN6031.
Pcs./pack 1



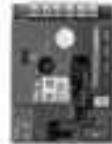
SNA4
Spare control unit for SPIN40/SN6041.
Pcs./pack 1



SNA20
Spare control unit for SPIN20KCE, SPIN22KCE and SPIN23KCE.
Pcs./pack 1



SPA600
Spare control unit for SPIDO32BKCE, SPIDO32CKCE, SPIDO16BKCE, SPIDO16CKCE.
Pcs./pack 1



SPSOA2
Spare control unit for SO2000.
Pcs./pack 1



TNA1
Spare control unit for TN2030L and TNLKCE.
Pcs./pack 1



TNA2
Spare control unit for TN2010L.
Pcs./pack 1

ACCESSORIES FOR 24 V VERSIONS



PS124
24 V battery with integrated battery charger.
Pcs./pack 1

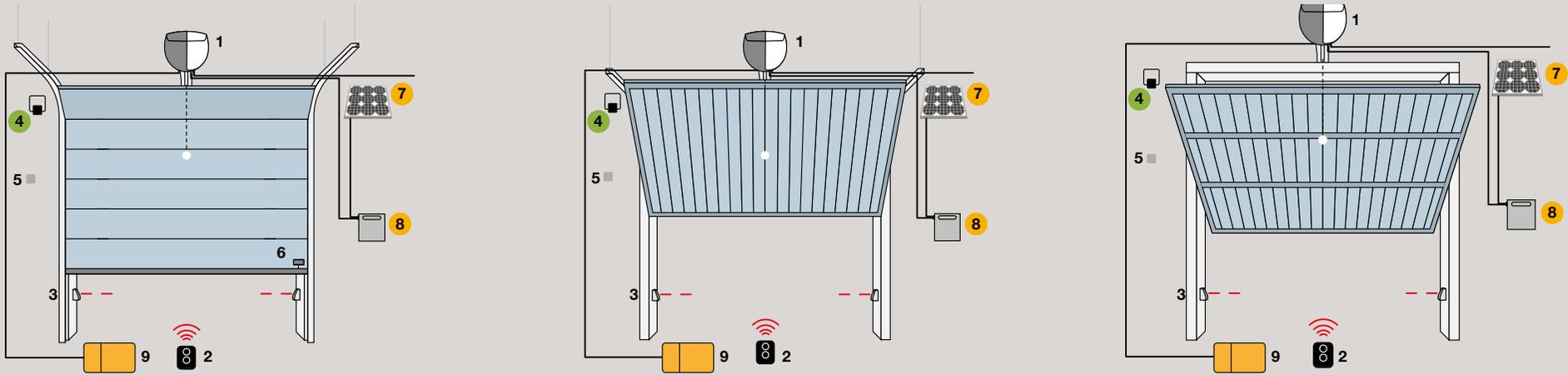


PS324
24 V battery with integrated battery charger.
Pcs./pack 1



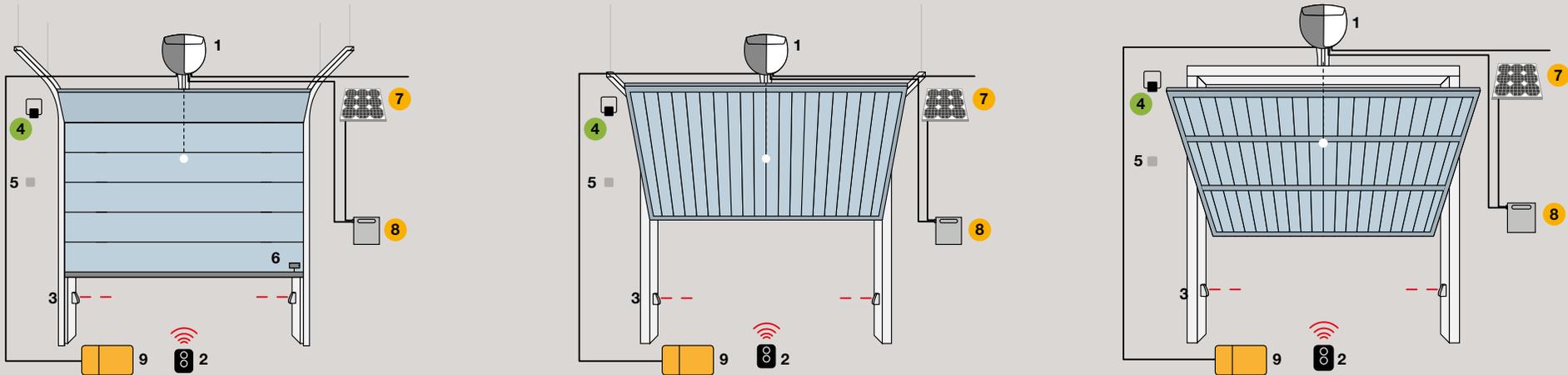
TNA9
Additional connecting cable and supports for wall-mounting the PS324 battery.
Pcs./pack 1

Standard installation diagram for garage doors



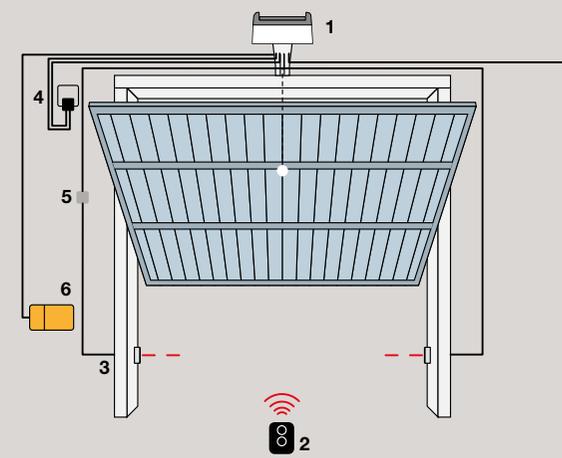
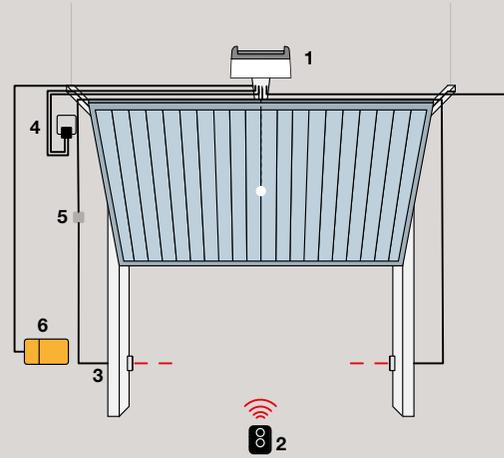
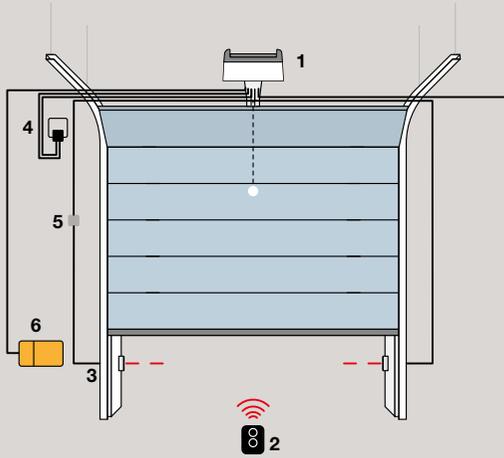
SPINBUS

- 1 . Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Key or digital switch
 6 . Sensor for sensitive edge 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



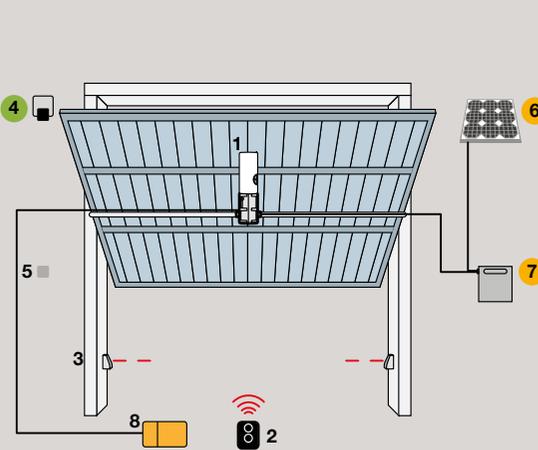
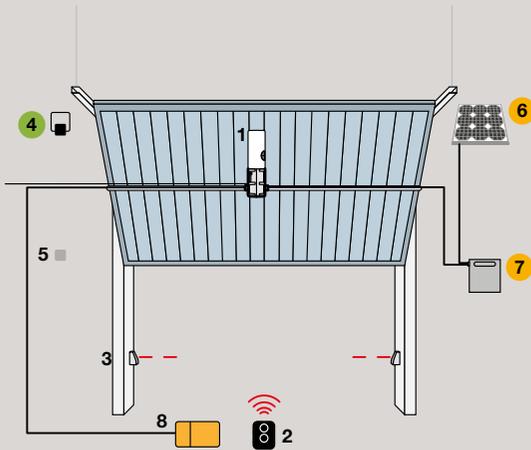
SPINBUSKIT 20/22/23 BD

- 1 . Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Key or digital switch
 6 . Sensor for sensitive edge 7. SYP solar panel 8. PSY24 battery box 9. Pro-View multifunction interface
 ● Accessories also available in wireless version **Solemyo Air Net System**
 ● Solemyo solar power **accessories**



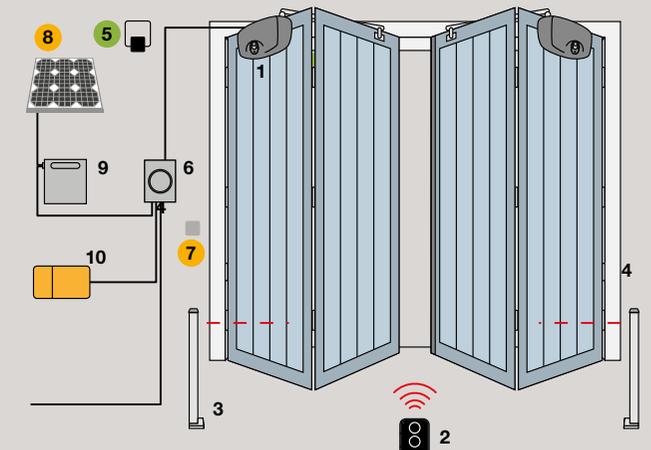
SPIDO 600

1 . Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Key or digital switch
6 . Pro-View multifunction interface



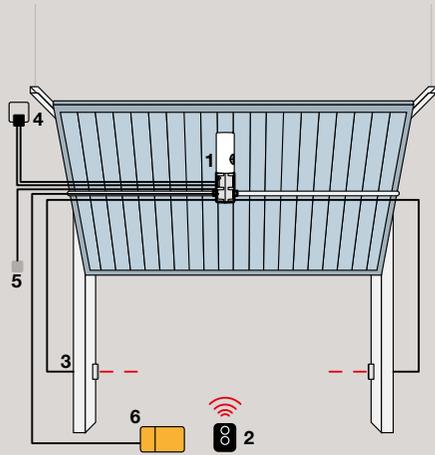
TEN

1 . Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Key or digital switch
6 . SYP solar panel 7. PSY24 battery box 8. Pro-View multifunction interface
● Accessories also available in wireless version **Solemyo Air Net System**
● Solemyo solar power **accessories**



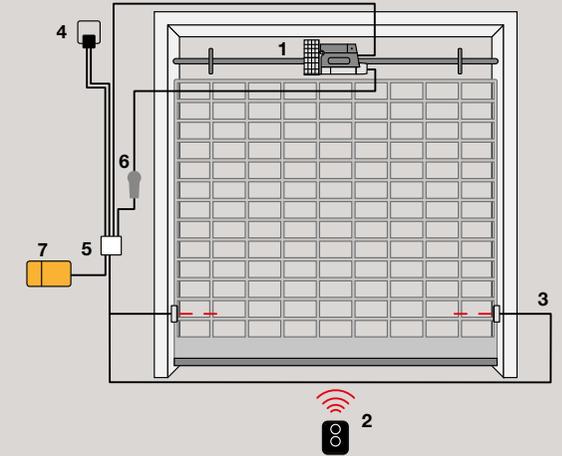
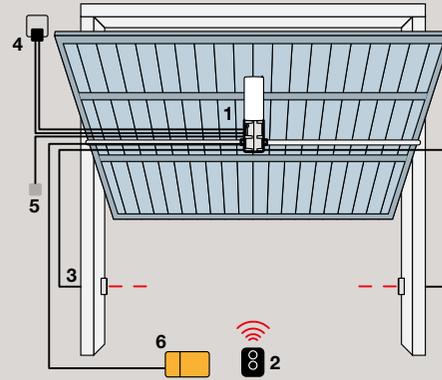
HYPPO 7100

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
6. Control unit 7. Digital or key switch 8. SYP solar panel 9. PSY24 battery box (for HY7124 only) 10. Pro-View multifunction interface
● Accessories also available in wireless version **Solemyo Air Net System**
● Solemyo solar power **accessories**



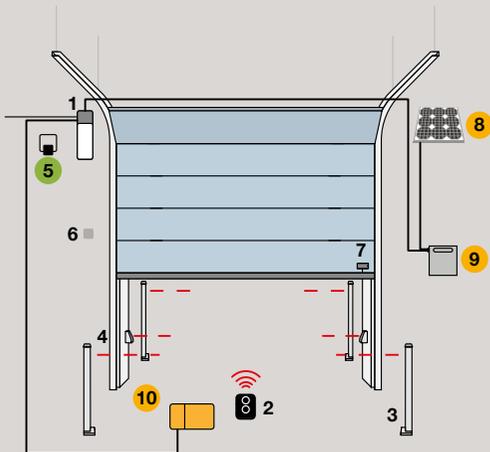
TENKIT

1 . Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Key or digital switch
6 . Pro-View multifunction interface



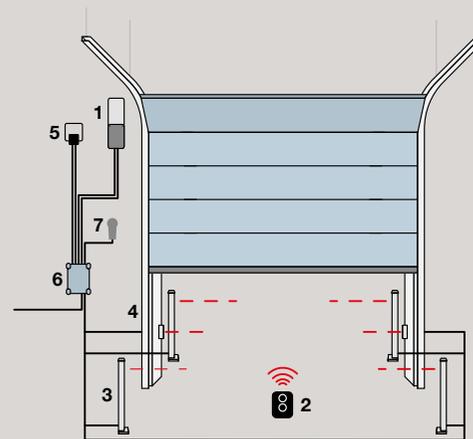
RONDO

1. Motor 2. Transmitter 3. Photocells 4. Flashing light 5. Control unit 6. Digital or key switch 7. Pro-View multifunction interface



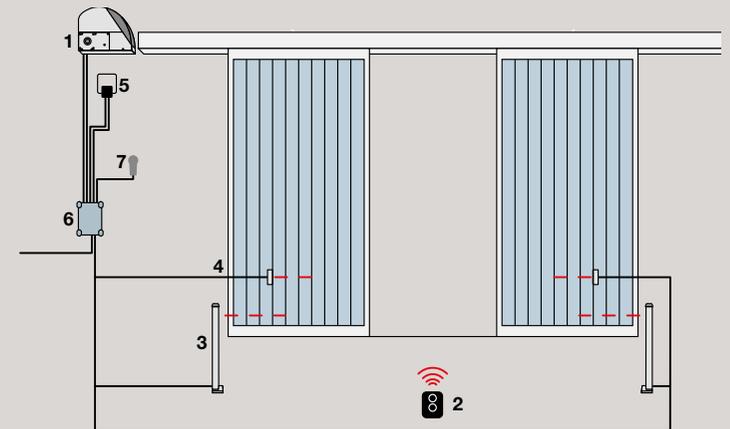
SOON

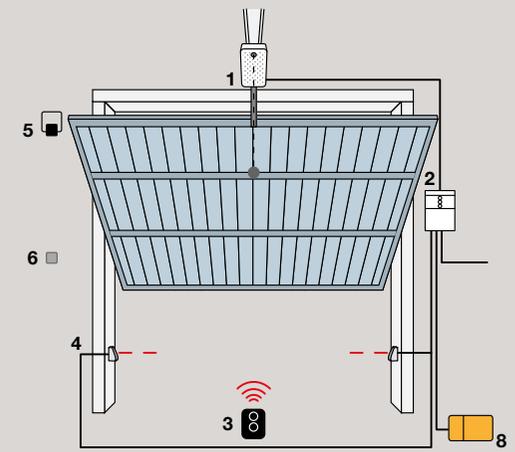
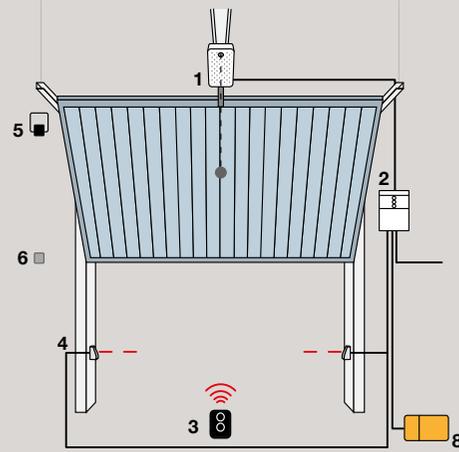
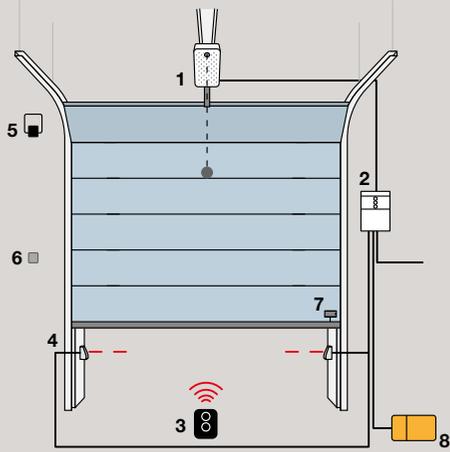
1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
6. Digital or key switch 7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
● Accessories also available in wireless version **Solemyo Air Net System**
● Solemyo solar power **accessories**



SUMO

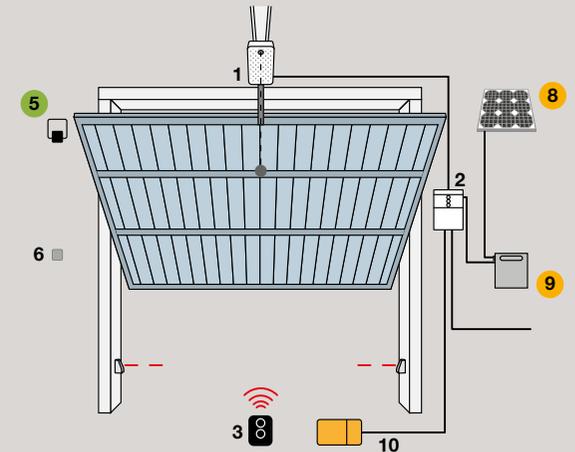
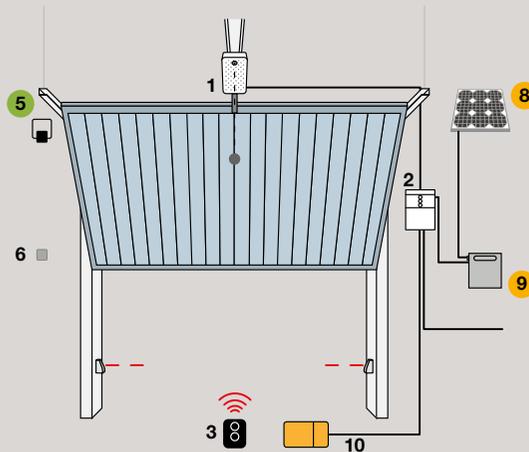
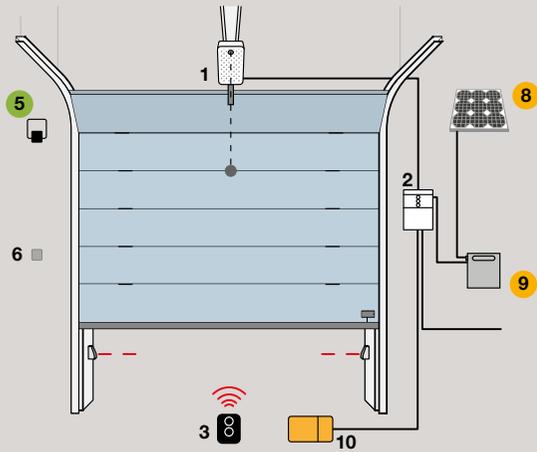
1 . Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light
6 . Control unit 7. Key or digital switch





SPYKIT 550

1. Motor 2. Control unit 3. Transmitter 4. Photocells 5. Flashing light 6. Digital or key switches
7. Sensitive edges sensor 8. Pro-View multifunction interface



SPYKIT 650/800 BD

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Digital or key switch
7. Sensor for sensitive edge 8. SYP solar panel 9. PSY24 battery box 10. Pro-View multifunction interface
● Accessories also available in wireless version **Solemyo Air Net System**
● Solemyo solar power **accessories**

Nice



Control systems and accessories

Control systems

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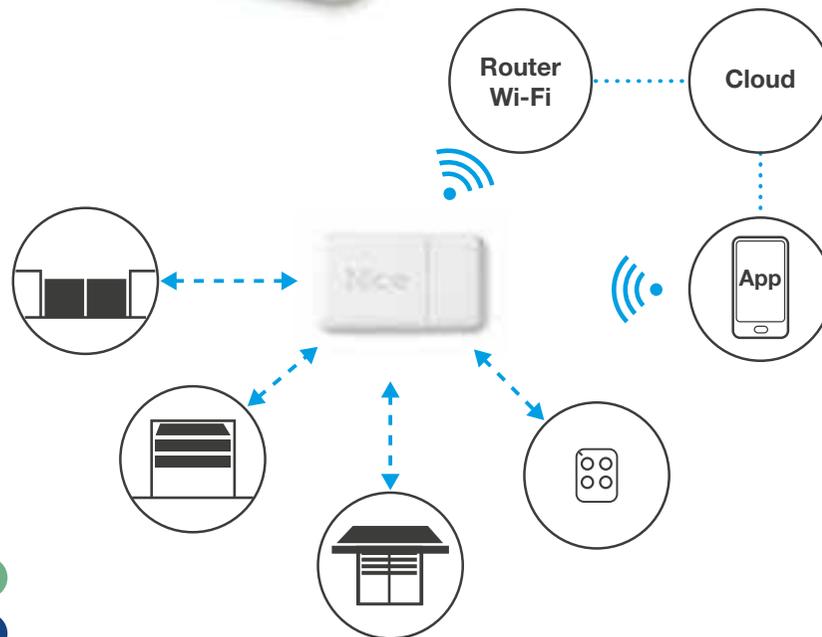
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Core

Nice Wi-Fi-Radio Gateway.

Nice Wi-Fi-Radio Gateway to manage Nice automations via the MyNice App.



BiDi

Yubii

Smart: communicating by Wi-Fi, Core enables Nice automations with integrated or optional radio receiver for doors, gates, barriers, blinds, awnings and rolling shutters to be connected, made to interact and controlled, even remotely. It can also be used to manage remote controls (including unidirectional) and sensors for blinds, awnings and rolling shutters with integrated radio.

Easy to configure: the **MyNice App** makes configuring the interactions between the automations and programming scenarios easy and intuitive.

Comfort: activations can be scheduled in time bands, for example:

- at 7.00 am, raise the blinds and open the garage door (good morning);
- at 9.00 pm, dim the light levels in the room by partially lowering the blinds, turn on power to the stereo to play music (relax);
- at 10.00 pm, turn off the lights (good night).

Safe: the bidirectional radio protocol uses GFSK modulation to improve immunity from interference.

Optional battery power to safeguard functions in the event of blackout. Configurations are automatically saved on the Nice Cloud.

Versatile: Thanks to the Yubii ecosystem, all the devices in the system can be made to interact to create events, such as: when a Nice remote control is activated, the blinds are raised and the lights turned off.

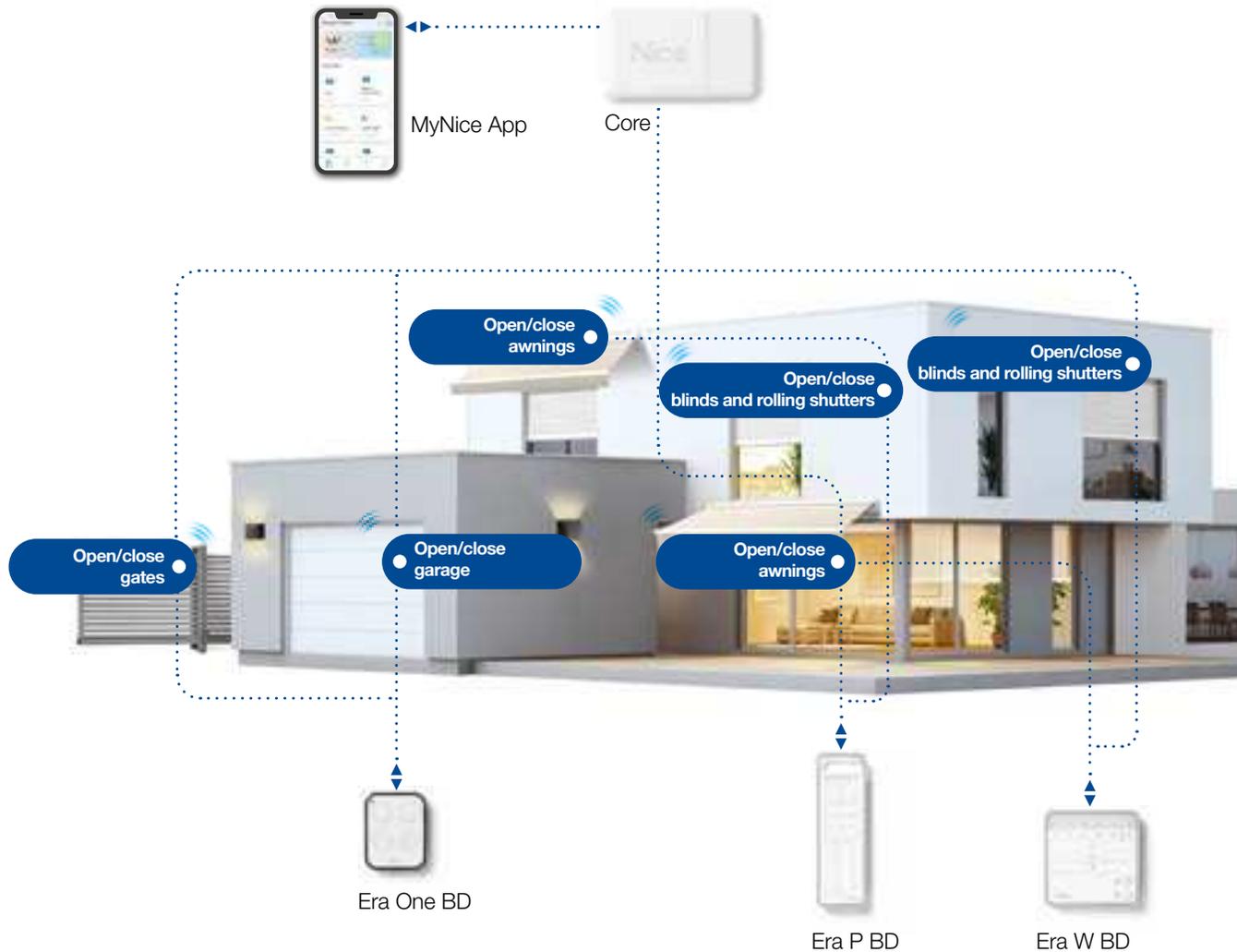
In unidirectional rolling code mode, compatible with previous versions of Nice plug-in and surface mounted receivers.

Code	Description
CORE	Nice Wi-Fi-Radio Gateway

TECHNICAL SPECIFICATIONS

Code	CORE
Input	5V
Optional battery power	2x AA NiMh rechargeable
Maximum power draw (W)	1,5
Wi-Fi interface with internal antenna	802.11b/g/n - 2.4 GHz (P<10mW)
Safety	OPEN/WEP/WPA-PSK/WPA2-PS
Support	WPS
Dual-band radio transmission	Dual band bidirectional 433.54 - 433.92 MHz 868.3 - 868.94 MHz (P<10mW)
Radio range in open space free of disturbance *	500 m (max. Mesh network); 150m (if inside a building)*
Protection class (IP)	30
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	113x64x33
Weight (g)	100

* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.



↔ Sending of command and reception of feedback from the automation.

⋯ Command signal.

📶 The Mesh network makes each automation a signal transmitter, amplifying the operating range.

DESIGNED FOR
END CONSUMERS

MyNice App

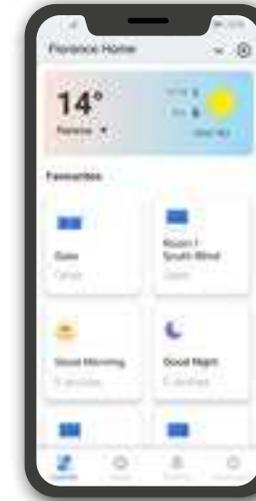


Controlling the gate and garage door by smartphone.



NEW!

The end customer can upgrade Core, BiDi-WiFi and IT4WiFi to implement important new features.



To configure Core with the MyNice app, see the instructions on the Nice site.

<http://www.niceforyou.com/en/support>



Functions

Commands: open, stop, close, plus those provided by the automation

Requisites

A maximum of 20 users can be associated with the BiDi-WiFi/IT4WiFi

Android 6 operating system or later

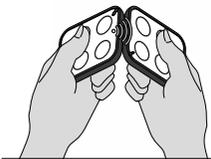
Wi-Fi access point supporting Apple's Bonjour service

Era One BD & OXI BD

Bidirectional transmitters and receivers.

Command reception feedback

- Open
- Closed
- Partially open



Exchange of identity code between a previously memorised transmitter and a new transmitter to be memorised.



NFC technology provides additional information on the transmitter and battery status.

Automation status querying



Era One BD, 4-key transmitter: 3 radio channels and 1 key to interrogate automation status.

433.92 MHz radio frequency with rolling code encoding, identity code management and self-learning with 192 bit encoding, also compatible with receivers with Nice O-Code FloR encoding. In unidirectional mode, compatible with previous versions of Nice plug-in and surface mounted receivers.

Instantaneous command: the new bidirectional radio protocol is about 30 times faster than the previous radio protocols.

Even at a distance from the system, you can enable a new transmitter by using another Era One transmitter already enabled in the receiver, thanks to **identity code** exchange between the two.

Era One BD can be used as a keyring, or fixed to the wall or car dashboard, thanks to the mount (**FLORCLIPKIT**).

Ideal for use in cities or places where there are numerous other devices present: the bidirectional radio protocol uses GFSK modulation to improve immunity from interference.

OXIBD, plug-in receiver, bidirectional, with Opera system functions.

Compatible with all Nice control units with SM connector, therefore it can also make existing Nice automations bidirectional.

Ergonomic design: antenna connectors, key and programming LED in convenient practical positions.

Maximum flexibility: can memorise up to 750 bidirectional transmitters or 1024 unidirectional transmitters.

OXIBD receivers can be used as signal repeaters to increase the operating distance between the transmitters and other Nice bidirectional receivers.

Code	Description	Pcs. Pack
ON3EBD	3 channels, bidirectional, 433.92 MHz	10
FLORCLIPKIT	Black plastic clip support with adhesive for wall mounting	10
OXIBD	Plug-in radio receiver, bidirectional, 433.92 MHz	1

TECHNICAL SPECIFICATIONS

	Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
ON3EBD	433.92 MHz	500 m (max. Mesh network); 35 m (if inside a building)*	BD; 192 bit O-Code	3 VDC; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g

	Reception frequency	Transmission frequency	Input impedance	Sensitivity	Encoding	Number of channels	Power supply	Draw	Protection class	Dimensions Weight
OXIBD	433.92 MHz	433.92 MHz (BD only)	50 Ohm	-108 dBm	BD, O-Code, FloR, TTS, Flo, Smilo	4 (on "SM" plug-in connector)	5 VDC	50 mA (max)	IP 30	49.5x18x41.9 h mm 22 g

* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.

BiDi

Yubii

Nice

Era One LR & OXI LR

Bidirectional transmitters and receivers with LoRa® technology.

Command reception feedback

- Open
- Closed
- Partially open



Exchange of identity code between a previously memorised transmitter and a new transmitter to be memorised.



NFC technology provides additional information on the transmitter and battery status.

Automation status querying



BiDi

4 key transmitter: 3 radio channels and 1 key to interrogate automation status.

433.92 MHz radio frequency with rolling code encoding, identity code management and self-learning.

Long range commands: LoRa® technology sends commands over a distance about 10 times greater than previous radio protocols. Automation control has never been so efficient!

Even at a distance from the system, you can enable a new transmitter by using another Era One LR transmitter already enabled in the receiver, thanks to **identity code** exchange between the two.

Elegant and practical: the Era One LR transmitter can be used as a refined high-tech keyring, or fixed to the wall or the car dashboard, thanks to the practical mount (**ONECLIPKIT**).

Era One LR bidirectional, ideal for use in cities or places where there are numerous other devices present.

The bidirectional radio protocol uses LoRa® modulation for greater immunity to interference.

Plug-in bidirectional radio receiver with LoRa® technology.

The OXILR is compatible with all Nice control units with SM connector, therefore it can also make existing Nice automations long range and bidirectional.

Ergonomic design: antenna connectors, key and programming LED in convenient practical positions.

Maximum flexibility: able to memorise up to 1,024 bidirectional transmitters with LoRa® technology.

Code	Description	Pcs. Pack
OXILR	Plug-in bidirectional 433.92 MHz radio receiver with LoRa® technology	1

TECHNICAL SPECIFICATIONS

	Reception frequency	Transmission frequency	Input impedance	Sensitivity	Encoding	Number of channels	Power supply	Draw	Protection class	Dimensions Weight
OXILR	433.92 MHz	433.92 MHz	50 Ohm	-108 dBm	LR	4 (on "SM" plug-in connector)	5 VDC	50 mA (max)	IP 30	49.5x18x41.9 h mm 22 g



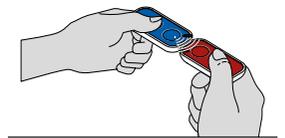
ONELRKIT

Kit with LoRa® technology for integrated installation in third party automations, thanks to the OX2UBP hardware interface.

Nice

Era Inti

Transmitters.



Exchange of identity code between a previously memorised transmitter and a new transmitter to be memorised.

The colourful line of miniaturised, 1- and 2-channel transmitters is available in six colours.

433.92 MHz, rolling code, identity code and certificate management, self-learning and integrated proximity receiver; with 72 bit O-Code encoding, also compatible with receivers with Nice FloR encoding.

Advanced: uses calculation and recognition systems to increase security grade and reduce the automation response time by about 3.

Safe: if a transmitter is stolen or lost, it can be replaced via the Pro-View multifunction interface and MyNice Pro App, maintaining the same functions as before; the old transmitter can be disabled by increasing the priority level on the new Inti.

Practical to memorise, even remotely: thanks to the Opera receivers.

Without having to be near the system, you can enable a new transmitter in two different ways:

- using a transmitter already enabled in the receiver, thanks to **identity code** exchange between the two;
- via the Pro-View multifunction interface and the MyNice Pro App, by placing the new transmitter on the interface itself and entering the **Certificate** of the receiver with which you want to associate the new transmitter. The **Certificate** of the receiver can be viewed in the corresponding system available for consultation on the Nice Cloud.

Inti can also be used as a key-ring, thanks to the cord included in the pack.

Ideal for apartment blocks and multi-user installations.

Easy and inexpensive installation: combined with the OX2 universal receiver, the Inti transmitter can control and manage any new or existing automation system.

Code	Description	Pcs. Pack
INTI1Y	1 channel, 433.92 MHz, yellow	10
INTI2Y	2 channels, 433.92 MHz, yellow	10
INTI1R	1 channel, 433.92 MHz, red	10
INTI2R	2 channels, 433.92 MHz, red	10
INTI1L	1 channel, 433.92 MHz, colour lilac	10
INTI2L	2 channels, 433.92 MHz, colour lilac	10
INTI1G	1 channel, 433.92 MHz, colour green	10
INTI2G	2 channels, 433.92 MHz, colour green	10
INTI1B	1 channel, 433.92 MHz, colour blue	10
INTI2B	2 channels, 433.92 MHz, colour blue	10
INTI1	1 channel, 433.92 MHz, colour black	10
INTI2	2 channels, 433.92 MHz, colour black	10
INTIKIT	Kit consisting of: 3 x 2-channel Inti (red, green, blue), 1 x OX2 receiver	10

TECHNICAL SPECIFICATIONS

	Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
INTI_Y, INTI_R, INTI_L, INTI_G, INTI_B, INTI	433.92 MHz	150 m (outdoors); 30 m (if inside a building)*	72 bit O-Code; rolling code	3 VDC; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	30x56x9 h mm 14 g

* Transmitter range and receiver reception capacity may be affected by any other devices operating on the same frequency in the area and by the position of the system's radio antenna.



Nice Intikit



Nice

Era One

Transmitters and receivers.



Exchange of identity code between a previously memorised transmitter and a new transmitter to be memorised.

Plug-in 1-, 2-, 4-, 9-channel transmitters and receivers, pre-wired, with and without built-in transmitter.

433.92 MHz, rolling code, identity code and certificate management, self-learning and integrated proximity receiver; with 72 bit O-Code encoding, also compatible with receivers with Nice FloR encoding.

Also available in versions with sequential coding for multiple insertion (Era OneC).

Advanced: uses calculation and recognition systems to increase security grade and reduce the automation response time by about 3.

Practical to memorise, even remotely: thanks to the Opera receivers.

Safe: if a transmitter is stolen or lost, it can be replaced via the Pro-View multifunction interface and MyNice Pro App, maintaining the same functions as before; the old transmitter can be disabled by increasing the priority level on the new Inti.

Without having to be near the system, you can enable a new transmitter in two different ways:

- using a transmitter already enabled in the receiver, thanks to **identity code** exchange between the two;
- via the Pro-View multifunction interface and the MyNice Pro App, by placing the new transmitter on the interface itself and entering the **Certificate** of the receiver with which you want to associate the new transmitter. The **Certificate** of the receiver can be viewed in the corresponding system available for consultation on the Nice Cloud.

Practical: via the Pro-View multifunction interface and MyNice Pro App, the Era OneC version can memorise entire packs of 10 in a single operation, without having to open them.

Convenient: the Era One transmitter can be used as a keyring, or fixed to the wall or car dashboard, thanks to the practical **ONECLIPKIT** mount.

Era OneFM, ideal for using in cities or wherever there are numerous other devices present.

The 868.46 MHz versions, rolling code with FM frequency modulation, guarantee greater immunity to interference.

Code	Description	Pcs. Pack
ON1E	1 channel, 433.92 MHz	10
ON2E	2 channels, 433.92 MHz	10
ON4E	4 channels, 433.92 MHz	10
ON9E	9 channels, 433.92 MHz	10
ON1CE	1 channel, 433.92 MHz, with sequential coding for multiple insertion	10
ON2CE	2 channels, 433.92 MHz, with sequential coding for multiple insertion	10
ON4CE	4 channels, 433.92 MHz, with sequential coding for multiple insertion	10
ON1EFM	1 channel, 868.46 MHz	10
ON2EFM	2 channels, 868.46 MHz	10
ON4EFM	4 channels, 868.46 MHz	10
ON9EFM	9 channels, 868.46 MHz	10
ONECLIPKIT	White plastic support clip with adhesive for wall mounting	10

TECHNICAL SPECIFICATIONS

	Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
ON_E, ON_CE	433.92 MHz	200 m (outdoors); 35 m (if inside a building)*	72 bit O-Code; rolling code	3 VDC; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g
ON_EFM	868.46 MHz						

* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area.

Era FloR

Transmitters and receivers.



FLO1RE

FLO2RE

FLO4RE

1-, 2-, 4-channel transmitters.

433.92 MHz, rolling code with self-learning.

Also available in versions with sequential coding for multiple insertion (Era FlorCE).

Absolute safety: the variable rolling code transmission makes the transmitter impossible to clone.

Ideal for apartment blocks and multi-user systems thanks to the unique, personal code.

Easy duplication of a new transmitter in the vicinity of the system via an authorised transmitter or directly via a key on the receiver, with LED display of the various functions.

Practical: via the Pro-View multifunction interface and MyNice Pro App, the Era Flor-CE version can memorise entire packs of 10 in a single operation, without having to open them.

Extended operating autonomy and low consumption.

Elegant and practical: the Era FloR transmitter can be used as a refined high-tech keyring, or fixed to the wall or car dashboard, thanks to the practical mount (**FLORCLIPKIT**).

Total compatibility: with receivers in the previous Flor series (universal, modular universal, plug-in with Nice or SM connector) and One receivers ((OXI/OXIT, OX2/OX2T e OX4T).

Code	Description	Pcs. Pack
FLO1RE	Era FloR 1-channel transmitter	10
FLO2RE	Era FloR 2-channel transmitter	10
FLO4RE	Era FloR 4-channel transmitter	10
FLO1RCE	Era FloR 1-channel transmitter, with sequential coding for multiple insertion	10
FLO2RCE	Era FloR 2-channel transmitter, with sequential coding for multiple insertion	10
FLO4RCE	Era FloR 4-channel transmitter, with sequential coding for multiple insertion	10
FLORCLIPKIT	Black plastic support clip with adhesive for wall mounting	10

TECHNICAL SPECIFICATIONS

Carrier frequency	Estimated range	Encoding	Power supply	Battery life	Protection class	Dimensions Weight
433.92 MHz	150/200 m with tuned antenna in free space*	52-bit digital (4.5 million billion combinations)	3 VDC; CR2032 lithium battery	2 years (with 10 transmissions per day)	IP40 (use in protected environments)	45x56x11 h mm 18 g

* Transmitter range and receiver reception capacity may be affected by any devices operating on the same frequency in the area.

NiceWay

Modular radio control systems to manage automations.



Ondo
Shockproof table-top or wall-mounted support |



Opla
Wall plate



Go
Module holder cover

The heart of the NiceWay system: 1, 3, 6 and 9 channel modules to control automations singly or in groups of blinds, awnings, rolling shutters, rolling doors, gates, garage and industrial doors, barrier raising systems and irrigation and lighting systems.

Modular: the NiceWay transmitter modules can be inserted on three different support models to create a diversified range of made-to-measure solutions.

Available in 1 to 80 group or 240 channel versions, the modules are ultra-compact and very easy to operate.

Advanced and compatible: 433.92 MHz frequency, with 52 bit rolling code (more than 4.5 million billion combinations); self-learning.

Practical: To protect the electronic parts from dirt and damp, the rubber function keys are incorporated in the actual body of the control modules. NiceWay can be used anywhere in the home, in the garage, living room, kitchen or bathroom.

Module	Code	Description	Pcs./pack
STEP-BY-STEP CONTROL MODULES			
	WM001C	1-channel module to control 1 automation	10
	WM003C	3-channel module to control 3 automations	1
	WM009C	3-channel module to control 3 automations	1
. . .			
Memorising of radio control devices in Mode II: ON/OFF - HOLD TO RUN - TIMER1 - TIMER2 (for products in the Screen line MODE II programming)			
HYBRID MODULE TO MANAGE STEP-BY-STEP AND OPEN-STOP-CLOSE COMMANDS			
	WM003C1G	Module to control 3 step-by-step automations and 1 open-stop-close automation	1
MODULES WITH OPEN-STOP-CLOSE COMMAND			
	WM001G	Module to control 1 open-stop-close automation in single or multigroup mode	1
	WM002G	Module to control 2 open-stop-close automations in single or multigroup mode	1
	WM003G	Module to control 3 open-stop-close automation groups in single or multigroup mode	1
. . .			
	WM006G	Module to control 6 open-stop-close automation groups in single or multigroup mode	1
. . .			
	WM004G	Module to control 4 open-stop-close automations in single or multigroup mode, plus ON/OFF control of sun sensor	1
. . .			

TECHNICAL SPECIFICATIONS

Power supply	3 VDC; CR2032 lithium battery
Battery life	>2 years (with 10 transmissions per day)
Frequency	433.92 MHz ± 100 KHz
Radiated power	Estimated about 1 mW
Protection class	IP40
Estimated range (m)	200 m in open space, 35 m indoors
Encoding	52 bit rolling code
Operating temperature (°C Min. Max)	-20 ÷ +55
Dimensions (mm)	41x41x10
Weight (g)	14

Nice

Opla

Wall supports.



Code	Description	Pcs./pack
WSW	Square wall plate, white	10
WSB	Square wall plate, black	10
WSA	Square wall plate, aluminium	10
WSG	Square wall plate, graphite	10
WST	Square wall plate, neutral transparent	10
WSS	Square wall plate, water green	10

Code	Description	Pcs./pack
WRW	Rectangular wall plate, white	10
WRB	Rectangular wall plate, black	10
WRA	Rectangular wall plate, aluminium	10
WRG	Rectangular wall plate, graphite	10
WRT	Rectangular wall plate, neutral transparent	10
WRS	Rectangular wall plate, water green	10

Ondo

Portable, wall-mounted and table-top supports.



Code	Description	Pcs./pack
WAX	Table-top support in white plastic and blue ice rubber	10
WWW	Magnetic wall fixing for wax	10

Go

Shockproof rubber mini cover.



Code	Description	Pcs./pack
WCF	Mini cover, fern green	10
WCG	Mini cover, graphite	10
WCI	Mini cover, ice blue	10
WCO	Mini cover, orange	10

Receivers

Inti, One, Flor, NiceWay.

The complete line of receivers with Opera system functions, suitable for every system requirement:

- **plug-in**, compatible with Nice control units with SM type connector and third-party control units thanks to the OX2UBP hardware interface.
- **universal pre-wired**, for combination with all types of control unit, to manage any automation, lighting or irrigation system or other electrical circuit.

Maximum flexibility: can memorise up to 1024 transmitters.

Convenience and functionality: the presence of a transmitter in OXITFM, OX2T/OX2TFM and OX4T receivers provides access to radio codes via the Pro-View multifunction interface and MyNice Pro App, even when they are in a hard-to-reach position.

OXITFM, OX2T/ OX2TFM and OX4T receivers can be used as signal repeaters to increase the operating distance between the transmitters and other One series receivers.

Secure management, thanks to 3 levels of password and key protection.

Multi-user systems management: thanks to the unique, personal code: the self-learning receivers can receive and memorise up to 256 codes.

Memorising: each key of the transmitter can be associated with a particular receiver output (e.g. key 3 TX = output 1 RX).

433.92 MHz RECEIVER, WITH OPERA SYSTEM FUNCTIONS

Code	Description	Pcs./pack
PLUG-IN		
OXIBD	Plug-in radio receiver, bidirectional, 433.92 MHz	1
UNIVERSAL PRE-WIRED		
OX2	2 channels, without built-in transmitter	1
OX2T	2 channels, with built-in transmitter	1
OX4T	4 channels, with built-in transmitter	1
HARDWARE INTERFACE		
OX2UBP	Universal hardware interface for OXI series plug-in receivers	1



OXIBD



OX2, OX2T



OX4T



OX2UBP

868.46 MHz RECEIVER, WITH OPERA SYSTEM FUNCTIONS

Code	Description	Pcs./pack
PLUG-IN		
OXIFM	4 channels, without built-in transmitter	1
OXITFM	4 channels, with built-in transmitter	1
UNIVERSAL PRE-WIRED		
OX2FM	2 channels, without built-in transmitter	1
OX2TFM	2 channels, with built-in transmitter	1



OXIFM, OXITFM



OX2FM, OX2TFM

PROFESSIONAL ADJUSTABLE TUNED ANTENNAS

Code	Description	Pcs./pack
ABF	Bracket mounting	1

TECHNICAL SPECIFICATIONS OPERA COMPATIBLE RECEIVERS

Code	Reception frequency (MHz)	Transmission frequency (MHz)	Input impedance (Ohm)	Sensitivity	Encoding	Number of channels	Relay contact	Power supply	Draw	Protection class	Dimensions (mm)	Weight (g)
OXIBD	433,92	433.92 MHz (BD only)	50	-108 dBm	BD, O-Code, FloR, TTS, Flo, Smilo	4 (on "SM" plug-in connector)	-	5 VDC	50 mA (max)	IP 30	49.5x18x41.9 h	22
OX2 OX2T		-	52	>0.5 μ V for successful signal	O-Code, FloR, Flo	2	max. 0.5 A 50 V (NO)	12 to 28 VDC/ VAC	80 mA (max.) with active relays		58x86x22 h	55
OX4T		433,92				4 relays with potential free NO and NC contacts	5A - 250V	110-240 VAC 50/60 Hz	80 mA	IP 44 (with undamaged case)	128x112x43 h	260
OXIFM OXITFM OX2FM OX2TFM	868,46	-	52	>0.8 μ V for successful signal	O-Code	4 (15 on BUS T4)	-	5 VDC	30 mA (max)	IP 30	50x19x45 h	20
		868,46				2	max. 0.5 A 50 V (NO)	12 to 28 VDC/ VAC	100 mA (max.) with active relays		58x86x22 h	55
		-										
		868,46										

TECHNICAL SPECIFICATIONS ACCESSORIES

Code	Reception frequency (MHz)	Impedance (Ohm)	Bracket	Cable
ABF	433,92	50	stainless steel	RG 58

OX4T

One series 4-channel universal receiver with built-in transmitter.



For remote control of any automation for gates, garage doors, barriers, rolling doors, rolling shutters, Venetian blinds, lighting systems, irrigation systems or other electrical circuits.

With BUS T4 connector for connection with Pro-View.

The most extensive system: The OX4T manages 4 relay-controlled outputs, usable as power relays or dry outputs, extending the Opera system to devices without provision for Opera.

Thanks to the internal transmitter, the OX4T can be used as a repeater, increasing the operating distance between transmitters and other One series receivers.

Convenient and functional: The OX4T can be connected via radio to the O-Box interface and via BUS T4 to the multifunction Pro-View display to perform programming, diagnostics, timing and code management operations, including remotely via the OVBT and OVBTGSM modules.

2 programming modes: "Mode I" and the new "Extended Mode II" allowing the number of commands to be increased to 14.

Multicode: OX4T is also compatible with O-code, Smilo, Flo, FloR, FloR TTS encoded transmitters.

The OX4T has a large memory able to memorise up to 1024 transmitters and can be password protected.

Code	Description	Pcs. Pack
OX4T	Universal 4-channel receiver with built-in transmitter	1

TECHNICAL SPECIFICATIONS

Power supply (VAC 50/60 Hz)	110 ÷ 240
Maximum current draw (mA)	80
Encoding	O-Code / TTS / FloR (rolling code); or Smilo (rolling code) or Flo
Frequency (MHz)	433,92
Antenna impedance (Ohm)	More than 0.5 for successful signal
Estimated range (m)	200 m in open space, 35 m indoors
Radiated power (Dbm)	2
Maximum no. transmitters memorisable	1024 (maximum)
Outputs	4 relays with potential free NO and NC contacts
Contact rating	5A - 250V
Timer time	Programmable from 2 seconds to 540 minutes
Protection class (IP)	44 (with undamaged case)
Operating temperature (°C Min/Max)	From -20° to +55°
Dimensions (mm)	128x112x43 h
Weight (g)	260

Nice

Tag system

The ideal solution for refurbishment projects.



Miniaturised control units and universal concealed transmitters for practical radio management of rolling shutters, awnings, blinds, lighting and electrical loads up to 500 W not reachable directly by cable.

Easy to install and programme:

No building work, no wired connections and no need to plan the electronic wiring.

Intuitive programming using the programming button and LED on the miniaturised control units.

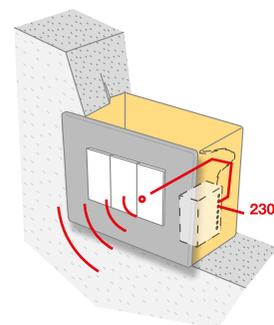
Perfect for every need:

Simple individual or centralised automation management.

The entire system can be controlled in comfort using portable or mains powered wall-mounted radio transmitters.

An additional control point can be created by connecting the miniaturised control unit via cable to the existing wall switch.

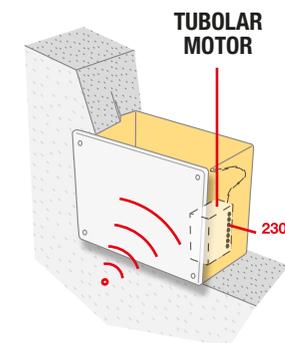
DISCOVER THE COMPONENTS IN THE SYSTEM:



1

Recessed transmitters, model **TTX4** with mains power and **TTXB4** with battery power.

Ideal for controlling automations not reachable directly by wire.

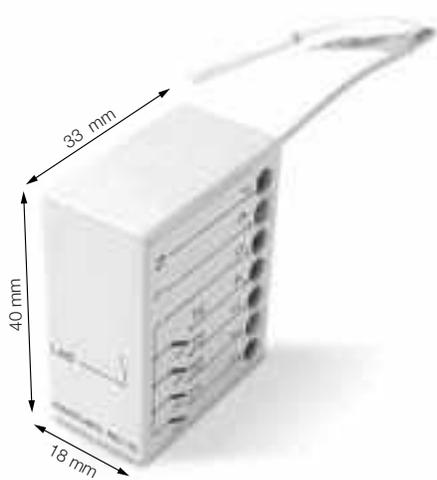


2

TT2Z, radio receiver and control unit for dry contact controlled motors, tubular motors with 4-wire power cable and lights.

TTX4 / TTXB4

Recessed transmitters to control automations.



Recessed transmitters ideal for controlling automations not reachable directly by cable.

433.92 MHz frequency, with 52 bit rolling code (more than 4.5 million billion combinations).

TTX4 with mains power supply and TTXB4 powered by long life battery.

Possibility of connecting up to 4 buttons (optional) for wired control of the automations.

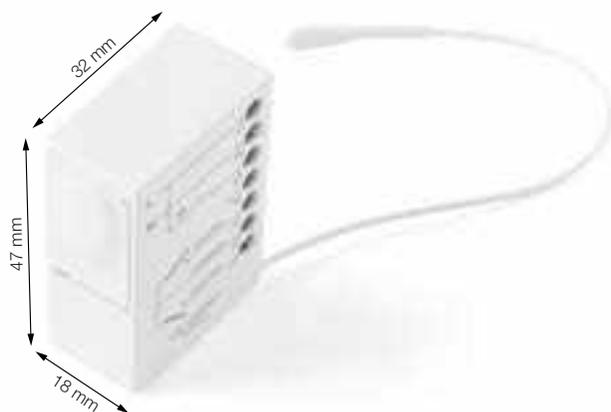
Code	Description	Pcs. Pack
TTX4	Recessed transmitter powered by mains electricity, 4 channels	1
TTXB4	Battery-powered recessed transmitter, 4 channels	1

TECHNICAL SPECIFICATIONS

Code	TTX4	TTXB4
Power supply	120 or 230 VAC, 50/60 Hz; (limits 100 - 255 V)	3 VDC; CR2032 lithium battery
Carrier frequency	433.92 MHz ± 100 KHz	
Estimated range	35 m indoors	
Encoding	Digital 52 bit (4.5 million billion combinations)	
Protection class (IP)	20	
Operating temperature (°C Min/Max)	-20° ÷ +55°	
Dimensions (mm)	18x33x40 h	

TT2Z

Radio receiver and recessed control unit to control motors and lights.



Miniaturised radio receiver and recessed control unit to manage awnings, blinds, rolling shutters and other electrical loads via potential free output.

With Nice transmitters, the TT2Z lets you manage:

- dry contact controlled motors;
- tubular motors with 4-wire power cable and draw of less than 1A;
- two independent switches, for example, to control two lights.

Can memorise up to 30 Nice transmitters, three of which can be climatic sensors.

If the transmitter has a slider, it can be used to control manoeuvres in “man present” mode.

Personalisation: The desired manoeuvre time can be set from a minimum of 10 seconds to a maximum of 4 minutes.

The stop command can be set in three different modes, thanks to the configurable dry contact.

Comfort: Three standard configurations for managing the climatic sensors: for indoor blackout screens, for rolling shutters and for outdoor awnings or blinds.

Sensor management is customisable.

Safety: When active, the “Memory Locking” function prevents memorising of further transmitters.

Easy quick programming: thanks to the PRG and ESC keys on Era P and Era W series transmitters. The presence of a **signal LED** makes it easier to follow the correct programming procedure.

Code	Description	Pcs. Pack
TT2Z	Radio receiver and control unit for dry contact controlled motors, 4-wire motors and lights	1

TECHNICAL SPECIFICATIONS

Code	TT2Z
Power supply (VAC/Hz)	90-265 / 50-60
Power draw in stand-by (W)	< 0,3
Protection class (IP)	20
Manoeuvre duration (sec)	10 - 240 s
Operating temperature (°C min/max)	-0,363636364
Dimensions (mm)	47x18x32
Weight (g)	30
Frequency (MHz)	433,92
Radio coding	FLO-R, O-CODE, F-CODE

Nice

Nice Era photocells, selectors & proximity readers

The Nice generation of optical devices for automation safety, available with Nice BlueBUS technology for simplified installation.

Three different sizes of synchronised photocells to satisfy all needs and complete the safety and convenience of every automation system, even in the narrowest spaces; perfect for refurbishments to cover unwanted existing installations.

> SLIM

Only 30 mm wide, also in anti-intrusion version, ideal in narrow spaces.



> MEDIUM

In anti-intrusion, reflective, wireless and adjustable versions, ideal for the commonest systems.



> LARGE

Adjustable, also in the recessed version protruding by 9 mm, ideal for concealed installation.



> ERA KEYPAD

Ultra-sturdy metal body with a depth of 27 mm, protrudes from the wall by just 13 mm in the recessed version.



DIGITAL WIRELESS SWITCH (EDSWG)

Anti-intrusion digital switch with 13 keys.



DIGITAL SWITCHES (EDS)

Anti-intrusion surface mounted or recessed digital switches.

> ERA KEY

Extra-thin: protrudes from the wall by just 13 mm in the recessed versions.



KEY SWITCHES WITH EUROPEAN CYLINDER (EKSU)

Key switches in surface mounted or recessed version.



KEY SWITCHES WITH STANDARD CYLINDER (EKS)

Key switches in surface mounted or recessed version.

> ERA TRANSPONDER READER

Proximity readers for transponder cards and badges with personalised programming.



PROXIMITY READERS (ETP)

Proximity readers for reading cards and badges.



TRANSPONDER BADGES

Convenient transponder badge with practical hole for attaching to a keyring.

Era Photocell S

Fixed synchronised Slim photocells, including with Nice BlueBUS technology.

Safe: type D device in accordance with EN12453 able to detect obstacles in the optical axis between the transmitter (TX) and receiver (RX).

Using the phototest function, it is possible to achieve fault safety category 2 according to EN 954-1.

An anti-glare circuit eliminates possible interference from sunlight.

Practical: 8° reception angle.

Resistant, also in anti-intrusion version: weather-resistant ABS body, also available in anti-intrusion version with metal body.

Nice BlueBUS technology: available with the Nice BlueBUS system, allowing easy connection to the control unit of all devices with just two wires, simply by connecting them in parallel and selecting the addressing jumpers according to the required function. The system automatically acquires devices connected to the BlueBUS network.

Automatic synchronisation between several pairs of photocells to avoid other interference between devices.

IB interface: allows connection of presence detectors with Nice BlueBUS technology to control units with inputs for traditional contacts.



EPS
EPSB



EPSA
EPSAB

PHOTOCELLS

Code	Description	Pcs./pack
EPS	Pair of Slim surface mounted photocells	1
EPSA	Pair of Slim surface mounted photocells, anti-intrusion metal body	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPSB	Pair of Slim surface mounted photocells, for connection via Nice BlueBUS	1
EPSAB	Pair of Slim surface mounted photocells for connection via Nice BlueBUS, anti-intrusion metal body	1
IB	Interface for connecting BlueBUS photocells to control units without BlueBUS system	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Draw (mA)	Protection class (IP)	Operating temperature (°C min./max.)	Relay range	Dimensions (mm)	Weight (g)
EPS	15	24 VAC/VDC limits: 18-35 VDC, 15-28 VAC	25 RX, 30 TX	44	-20 ÷ +50	max. 500 mA and 48 V	30x27x106 h	120
EPSA							31x28x108 h	440

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Power output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
EPSB	up to 15 for maximum TX-RX offset ± 5 (the device can signal an obstacle even in adverse weather conditions)	the device can only be connected to "BlueBUS" networks, from which it receives power and transmits the output signals	44	-20 ÷ +50	30x27x106 h	120
EPSAB					31x28x108 h	440

	Power supply	Draw with 24 VDC power supply	Draw with 24 VAC power supply	BlueBUS output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
IB	16 - 35 VDC 18 - 28 VAC	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 40 mA for each pair of photocells)	one with a max. load of 9 BlueBUS units	30	-20 ÷ +50	86x58x22 h	72



IB



Era Photocell M

Fixed or adjustable synchronised Medium photocells, including with Nice BlueBUS technology.



EPM
EPMB



EPMO
EPMOB



EPMA
EPMAB



EPMAO
EPMAOB



EPMOW



EPMOR
EPMORB



Available in anti-intrusion, reflective and wireless versions.

Safe: type D device in accordance with EN12453 able to detect obstacles in the optical axis between the transmitter (TX) and receiver (RX).

Using the phototest function, it is possible to achieve fault safety category 2 according to EN 954-1.

An anti-glare circuit eliminates possible interference from sunlight.

Fast easy installation: the wireless technology (EPMOW) eliminates the need to wire the photocells to the control unit and provide routing and cable ducts. The devices interface with the control unit through an ultra-compact dedicated module (IBW) which can be housed directly in the motor or the control unit if separate. Up to 7 devices with Nice BlueBUS technology can be connected to the same IBW interface.

Thanks to the reflective technology (EPMOR-EPMORB), just the main photocell needs to be wired and not the reflective mirror, saving time.

Integrated LED light in the EPMOR - EPMORB version: the optional ELM LED light module can be installed in the EPMOR photocell to illuminate the transit area, act as a flashing light or provide diagnostic indications.

Universal system: EPMOR and EPMORB have a relay output for connection to any new or existing automation system.

Easy maintenance: EPMOW photocells have a diagnostic LED which indicates possible anomalies and battery status, facilitating installation and maintenance.

Practical: 10° reception angle. The adjustable versions allow up to 30° compensation for centring differences.

Resistant, also in anti-intrusion version: weather-resistant ABS body, also available with metal body.

Nice BlueBUS technology: available with the Nice BlueBUS system, allowing easy connection to the control unit of all devices with just two wires, simply by connecting them in parallel and selecting the addressing jumpers according to the required function. The system automatically acquires devices connected to the BlueBUS network.

Automatic synchronisation between several pairs of photocells to avoid other interference between devices.

PHOTOCELLS

Code	Description	Pcs./pack
EPM	Pair of surface mounted photocells	1
EPMO	Pair of surface mounted photocells, adjustable through 30°	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPMB	Pair of surface mounted photocells, for connection via Nice BlueBUS	1
EPMOB	Pair of surface mounted photocells, adjustable through 30°, for connection via Nice BlueBUS	1

WIRELESS PHOTOCELLS WITH BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPMOW	Pair of self-synchronised surface mounted wireless photocells	1

PHOTOCELLS WITH REFLECTIVE TECHNOLOGY

Code	Description	Pcs./pack
EPMOR	Surface mounted reflective photocell + reflective mirror	1

REFLECTIVE PHOTOCELLS WITH BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPMORB	Surface mounted reflective photocell with Nice BlueBUS technology + reflective mirror	1

PHOTOCELLS - ANTI-INTRUSION METAL BODY

Code	Description	Pcs./pack
EPMA	Pair of surface mounted photocells, anti-intrusion metal body	1

PHOTOCELLS - ANTI-INTRUSION METAL BODY WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPMAB	Pair of surface mounted photocells for connection via Nice BlueBUS, anti-intrusion metal body	1

PHOTOCELLS - ADJUSTABLE ANTI-INTRUSION METAL BODY

Code	Description	Pcs./pack
EPMAO	Pair of surface mounted photocells, adjustable through 30°	1

PHOTOCELLS - ADJUSTABLE ANTI-INTRUSION METAL BODY WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPMAOB	Pair of surface mounted photocells, adjustable through 30°, for connection via Nice BlueBUS	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Draw (mA)	Photocell adjustability	Protection class (IP)	Operating temperature (°C min./max.)	Relay range	Dimensions (mm)	Weight (g)
EPM	15 (30 with jumper + "10" cut)	without 24 VAC/VDC jumper limits: 18-35 VDC, 15-28 VAC with 12 VAC/VDC jumper limits: 10-18 VDC, 9-15 VAC	25 RX, 30 TX	-	44	-20 ÷ +50	max. 500 mA and 48 V	50x29x80 h	140
approx. 30° on all axes				50x38x80 h				160	
-				50x31x80 h				480	
EPMAO				approx. 30° on all axes				50x38x80 h	530
EPMOR	8 (maximum range in optimum conditions 15)	12-24 V	50	approx. 10° on all axes				50x40x105 h	83

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Power output	Photocell adjustability	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
EPMB	up to 15 for maximum TX-RX offset ± 5 (the device can signal an obstacle even in adverse weather conditions)	the device can only be connected to "BlueBUS" networks, from which it receives power and transmits the output signals	-	44	-20 ÷ +55	50x29x80 h	140
EPMOB			approx. 30° on all axes			50x38x80 h	160
EPMAB			-			50x31x80 h	480
EPMAOB			approx. 30° on all axes			50x38x80 h	530
EPMORB	8 (maximum range in optimum conditions 15)	3 VDC, with CR123 lithium battery	-			50x40x105 h	83
EPMOW	20 (maximum range in optimum conditions 40)		approx. 10° on the vertical axis			50x40x105 h	200

	Power supply	Draw with 24 VDC power supply	Draw with 24 VAC power supply	BlueBUS output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
IB	16 - 35 VDC 18 - 28 VAC	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 40 mA for each pair of photocells)	one with a max. load of 9 BlueBUS units	30	-20 ÷ +50	86x58x22 h	72

	Power supply	BlueBUS output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
IBW	by connection to the "BlueBUS" terminal on the automation control unit.	one with a max. load of 20 BlueBUS units	30	-20 ÷ +70	18 x 33 x 40 h	25

	Power supply	Power draw (W)	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
ELMM	12-24 V	1	45	-20 ÷ +55	40 x 30 x 25 h	20

ACCESSORIES

Code	Description	Pcs./pack
IB	Interface for connecting BlueBUS photocells to control units without BlueBUS system	1
IBW	Interface through EPMOW and control units with Nice BlueBUS technology	1
ELMM	LED light module for EPMOR	1
POE	Wall support for Era photocells	1



IB

ELMM

POE

Era Photocell L

Fixed or adjustable Large photocells, including with Nice BlueBUS technology, both surface mounted and recessed.

Easy and versatile: EPLIO recessed versions are compatible with the most popular standards on the market to replace old photocells or cover unwanted existing installations without the need for any additional adapter.

Safe: type D device in accordance with EN12453 able to detect obstacles in the optical axis between the transmitter (TX) and receiver (RX).

Using the phototest function, it is possible to achieve fault safety category 2 according to EN 954-1.

EPL, EPLO and EPLIO models provide 2 range levels.

An anti-glare circuit eliminates possible interference from sunlight.

The adjustable versions allow up to 30° compensation for centring differences.

Inconspicuous: ultra-sturdy polycarbonate body, protrudes for a minimum of 9 mm from the wall in the recessed version.

Convenient: EKA03 bowl adapter for convenient recessed mounting.

Nice BlueBUS technology: the versions with Nice BlueBUS system allow easy connection to the control unit of all devices with just two wires, simply by connecting them in parallel and selecting the addressing jumpers according to the required function.

The system automatically acquires devices connected to the BlueBUS network and allows automatic synchronisation between several pairs of photocells to avoid other interference.

IB interface: allows connection of photocells with Nice BlueBUS technology to control units with inputs for traditional contact.



EPL
EPLB



EPLO
EPLOB



EPLIO
EPLIOB

PHOTOCELLS

Code	Description	Pcs./pack
EPL	Pair of Large surface mounted photocells	1

PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPLB	Pair of Large surface mounted photocells, for connection via Nice BlueBUS	1

ADJUSTABLE PHOTOCELLS

Code	Description	Pcs./pack
EPLO	Pair of Large surface mounted photocells, adjustable through 30°	1

ADJUSTABLE PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPLOB	Pair of Large surface mounted photocells, adjustable through 30°, for connection via Nice BlueBUS	1

ADJUSTABLE RECESSED PHOTOCELLS

Code	Description	Pcs./pack
EPLIO	Pair of Large recessed photocells, adjustable through 30°	1

ADJUSTABLE RECESSED PHOTOCELLS WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EPLIOB	Pair of Large recessed photocells, adjustable through 30°, for connection via Nice BlueBUS	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Photocell adjustability	Draw (mA)	Protection class (IP)	Operating temperature (°C min./max.)	Relay range	Dimensions (mm)	Weight (g)
EPL	15 (30 with jumper + "10" cut)	without 24 VAC/VDC jumper limits: 18-35 VDC, 15-28 VAC with 12 VAC/VDC jumper limits: 10-18 VDC, 9-15 VAC	-	25 RX, 30 TX	44	-20 ÷ +50	max. 500 mA and 48 V	70x30x70 h	160
EPLO			approx. 30° on all axes					70x38x70 h	180
EPLIO								70x66+9x70 h	185

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Estimated range (m)	Power output	Photocell adjustability	Protection class (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
EPLB	up to 15 for maximum TX-RX offset ± 5 (the device can signal an obstacle even in adverse weather conditions)	the device can only be connected to "BlueBUS" networks, from which it receives power and transmits the output signals	-	44	-20 ÷ +50	70x30x70 h	140
EPLOB			approx. 30° on all axes			70x38x70 h	160
EPLIOB						70x66+9x70 h	185

	Power supply	Draw with 24 VDC power supply	Draw with 24 VAC power supply	BlueBUS output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
IB	16 - 35 VDC 18 - 28 VAC	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 40 mA for each pair of photocells)	one with a max. load of 9 BlueBUS units	30	-20 ÷ +50	86x58x22 h	72

ACCESSORIES

Code	Description	Pcs./pack
IB	Interface for connecting BlueBUS photocells to control units without BlueBUS system	1
EKA03	Bowl for recessed mounting (depth 66 mm) for installing EKSI, EKSI EU. Also compatible with EPLIO, EPLIOB, EDSI, EDSIB	50
POE	Wall support for Era photocells	1



IB



POE

Era Keypad

12-key digital switch, also with Nice BlueBUS connection technology, available in recessed version.



EDS
EDSB



EDSI
EDSIB

Extra-thin: ultra-sturdy 27 mm deep metal body, protruding by just 13 mm from the wall in the recessed version.

Safe: the combination is a number consisting of 1 to 9 digits, this allows 999,999,999 possible combinations to be generated!

Backlit keyboard.

Easy to programme:

- 2 programming modes: Easy or Professional;
- the number of times a specific card/badge can be used can be programmed;
- 255 memorisable combinations expandable on EDS and EDSI up to 510 combinations with BM1000 additional second memory.

Nice BlueBUS technology: available with the Nice BlueBUS system, allowing easy connection to the control unit of all devices with just two wires, simply by connecting them in parallel and other exclusive functions:

2 keys to activate two different commands chosen from the 6 available (e.g. step-by-step, close, open), depending on the control unit to which they are connected;

- up to 4 EDSB/EDSIB and ETPB control devices can also be connected in a mixed configuration;
- an automation lock/unlock can be added.

Two different visual signals depending on automation status:

- red, when the automation is closed or during the closing manoeuvre;
- green, during the opening manoeuvre or if the “automation lock” function is active.

DIGITAL SWITCHES

Code	Description	Pcs./pack
EDS	Digital switch, 12 keys, to combine with MORX Decoder	1
EDSI	Digital switch, 12 keys, recessed, to combine with MORX decoder	1
MORX	Decoder for 1 ETP or up to 4 EDS/EDSI connected in parallel, with 1 BM1000 memory for 255 combinations	1

TECHNICAL SPECIFICATIONS

	Protection class (IP)	Dimensions (mm)	Weight (g)
EDS	44	70x27x70 h	200
EDSI	54	70x66+13x70 h	160

	Memory capacity	Relay range	Power supply	Maximum draw	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
MORX	2 BM1000 for max. 510 combinations or 510 MOCARD, MOCARDP and HSB1	max. 500 mA and 48 VAC/VDC	10 - 35 VDC, 12 - 28 VAC	24 VDC=70 mA 24 VAC=200 mA 12 VDC=150 mA 12 VAC=300 mA with 1 ETP or up to 4 EDS/EDSI	30	-20 ÷ +70	98x42x25 h	65



MORX

DIGITAL SWITCHES WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
EDSB	Digital 12-key switch with Nice BlueBUS technology, anti-intrusion metal body	1
EDSIB	Digital 12-key switch with Nice BlueBUS technology, recessed, anti-intrusion metal body	1

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Power supply	Draw	Protection class (IP)	Dimensions (mm)	Weight (g)
EDSB	via BlueBUS	1.5 BlueBUS unit	44	70x27x70 h	200
EDSIB			54	70x66+13x70 h	160

ACCESSORIES FOR RECESSED VERSIONS

Code	Description	Pcs./pack
EKA03	Bowl for recessed mounting (depth 66 mm) for installing EKSI, EKSIEU. Also compatible with EPLIO, EPLIOB, EDSI, EDSIB	50
EKA02	Finishing kit for installing EDSI, EDSIB, EKSI, EKSIEU	10

Nice

Era Keypad wireless

13-key digital switches, with radio link for wireless connections.



Digital radio switch with 52-bit FloR encoding: compatible with FloR receivers with rolling code encoding and generates 4.5 million billion combinations, self-learning.

Complete: 3 transmission channels to control 3 automations or for 3 different personalised commands for a single automation.

Convenient: no wiring required and an estimated range of 25 m in open space and 15 m inside a building.

Backlit keypad in poor light conditions.

Acoustic feedback.

Safe: the combination is a number consisting of 1 to 9 digits, this allows 999,999,999 possible combinations to be generated!

Economical: ultra-low power consumption, transmission is activated at the press of a key, automatic turn-off.

The ambient light sensor activates the keyboard illumination only when necessary.

Slim: ultra-sturdy metal body, just 27 mm deep.

DIGITAL WIRELESS SWITCH

Code	Description	Pcs./pack
EDSWG	Digital switch via radio compatible with Flor three-channel receivers, three passwords	1

TECHNICAL SPECIFICATIONS

	Power supply	Battery life	Frequency	Radiated power	Radio coding	Operating temperature (°C min./max.)	No. combination digits	Estimated range (m)	Protection class (IP)	Dimensions (mm)	Weight (g)
EDSWG	6 VDC with 2 x CR2430 lithium batteries	estimated 2 years with 10 transmissions per day	433.92 MHz ± 100 KH	< 1 mW e.r.p.	52 bit FLOR rolling code	-10° ÷ +55°	from 0 to 8	25 m in open space, 15 m indoors	54	70x27x70 h	200

Era Key switch

Surface mounted and recessed key switches with automatic return lock, European or standard cylinder.



EKSEU



EKSIEU



EKS



EKSI

Switches in anti-intrusion version with metal body.

Ultra-thin: protrudes from the wall by just 13 mm in the recessed versions (32 mm and 45 mm in the surface mounted versions).

Electrical contacts and levers protected by a plastic case.

Can be used as a direct motor command in mains-powered applications (230 VAC).

Flexible: recessed versions with bowl for new installations and adaptable to existing installations using the EKA02 finishing kit.

Guaranteed safety: ten different Era surface mounted key switches available to manage installations physically close to each other in total safety and keep track of them for future replacement.

KEY SWITCHES

Code	Description	Pcs./pack
EKSEU	Era series key switch, European cylinder, for surface mounting	1
EKSIEU	Era series key switch, European cylinder, for recess mounting	1
EKS1001	Era series key switch, for surface mounting, code 1001	1
EKS1002	Era series key switch, for surface mounting, code 1002	1
EKS1003	Era series key switch, for surface mounting, code 1003	1
EKS1004	Era series key switch, for surface mounting, code 1004	1
EKS1005	Era series key switch, for surface mounting, code 1005	1
EKS1006	Era series key switch, for surface mounting, code 1006	1
EKS1007	Era series key switch, for surface mounting, code 1007	1
EKS1008	Era series key switch, for surface mounting, code 1008	1
EKS1009	Era series key switch, for surface mounting, code 1009	1
EKS1010	Era series key switch, for surface mounting, code 1010	1
EKSI	Era series key switch, recessed	1

ACCESSORIES

Code	Description	Pcs./pack
CHS	Neutral key for EKS, EKSI	1
CHEU	Neutral key for EKSEU, EKSIEU	1
EKA03	Bowl for recessed mounting (depth 66 mm) for installing EKSI, EKSIEU. Also compatible with EPLIO, EPLIOB, EDSI, EDSIB	50
EKA02	Finishing kit for installing EDSI, EDSIB, EKSI, EKSIEU	10

TECHNICAL SPECIFICATIONS

	Contact range	Protection class (IP)	Dimensions (mm)	Weight (g)
EKSEU	10 (2) A - 250 VAC	44	70x43x70 h	490
EKSIEU			70x66+13x70 h	530
EKS1001, EKS1002, EKS1003, EKS1004, EKS1005, EKS1006, EKS1007, EKS1008, EKS1009, EKS1010			70x32x70 h	360
EKSI			70x66+13x70 h	450

Era Transponder reader

Proximity reader for transponder cards and badges, Flor-m bi-modal transmitters, also with Nice BlueBUS connection technology.



ETP

MOCARD
MOCARDP

HSB1

Easy to programme:

- 2 programming modes: Easy or Professional;
- lets you determine which cards/badges to enable in the system;
- the number of times a specific card/badge can be used can be programmed;
- 255 memorisable cards/badges expandable, on ETP, up to 510 cards/badges with BM1000 additional second memory;
- 2 modes (static and dynamic) to activate two different commands (ETP version).

Nice BlueBUS technology: available with the Nice BlueBUS system (ETPB), allowing easy connection to the control unit of all devices with just two wires, simply by connecting them in parallel, plus other exclusive functions:

- 2 modes (static and dynamic) to activate two different commands chosen from the 6 available (e.g. step-by-step, close, open), depending on the control unit to which they are connected;
- an automation lock/unlock can be added;
- up to 4 EDBSB/EDSIB and ETPB control devices can be connected via Nice BlueBUS, including in a mixed configuration.

HSB1 transponder badge: practical to use, can be added to a keyring to always be at hand.

PROXIMITY READER

Code	Description	Pcs./pack
ETP	Proximity reader for MOCARD and MOCARDP transponder cards for use with MORX Decoder	1
MORX	Decoder for 1 ETP or up to 4 EDS/EDSI connected in parallel, with one BM1000 memory for 255 combinations	1
BM1000	Additional memory for a further 255 combinations	5

PROXIMITY READER WITH NICE BLUEBUS TECHNOLOGY

Code	Description	Pcs./pack
ETPB	Proximity reader for transponder cards, with Nice BlueBUS technology	1

ACCESSORIES

Code	Description	Pcs./pack
MOCARD	Transponder card	10
MOCARDP	Transponder card, with sequential code for multiple insertion	10
HSB1	Transponder badge, with sequential code for multiple insertion	10

TECHNICAL SPECIFICATIONS

Description		Detection distance (cm)	Protection class (IP)	Dimensions (mm)	Weight (g)
ETP	reader for MOCARD, MOCARDP and HSB1	3 ÷ 6	54	70x26x70 h	265

	Memory capacity	Relay range	Power supply	Maximum draw	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
MORX	2 BM1000 for max. 510 MOCARD and MOCARDP or combinations	max. 500 mA and 48 VAC/VDC	10 - 35 VDC 12 - 28 VAC	24 VDC=70 mA 24 VAC=200 mA 12 VDC=150 mA 12 VAC=300 mA (with 1 MOM or 4 MOTs)	30	-20 ÷ +55	98x42x25 h	65



MORX

TECHNICAL SPECIFICATIONS WITH NICE BLUEBUS TECHNOLOGY

	Power supply	Draw	Detection distance (cm)	Protection class (IP)	Dimensions (mm)	Weight (g)
ETPB	via BlueBUS	2 BlueBUS unit	up to 4	54	70x26x70 h	270

Era Post

Outdoor aluminium posts for photocells, switches and proximity readers with heights of 500 mm and 1000 mm.



Modern design: new line of posts for mounting medium and large photocells.

Easy installation: simplified mounting to create your own security perimeter in complete freedom.

Code	EPM/EPMB	EPMO/EPMOB	EPMOR	EPMOW	EPL/EPLB	EPL0/EPL0B	EDS/EDSB	EDW	ETP/ETPB	EKS	EKSEU
PPH1	•	•			•	•					
PPH2	•	•			•	•	•*	•*	•*	•*	•*
PPH3	•	•									
PPH4	•	•									
PPK							•	•	•	•	•

* Installation requires the EKA01 adapter.

Code	Description	Pcs./pack
PPH1	Aluminium post with protected housing for 1 photocell, Medium and Large size, 500 mm h	2
PPH2	Aluminium post with protected housing for 1 photocell, Medium and Large size, 1000 mm h	2
PPH3	Aluminium post with protected housing for 1 photocell, Medium size, 500 mm h	2
PPH4	Aluminium post with protected housing for 1 photocell, Medium size, 1000 mm h	2
PPK	Aluminium post with housing for 1 switch, 1100 mm h	2
EKA01	Plug for mounting EKS, EKSEU, EDS, EDSB, EDSW, ETP, ETPB, on PPH2 post	1



PPH3



PPH1



PPH4



PPH2



PPK

Era Light

Flashing LED signal light.



Universal: the flashing light is available in two versions: 90-240 VAC and 12-36 VDC.

Thanks to the wide range of power supplies, ELAC is compatible with different electrical standards and can also be installed in areas at risk of voltage surges.

Practical: body particularly shockproof, designed for fixing in various positions.

Low consumption: thanks to the LED, ELAC and ELDC technology, they consume about 80% less than traditional flashing lights.

All versions have an integrated 433.92 MHz antenna.

Protection class IP44.

Code	Description	Pcs. Pack
ELAC	Neutral, LED light, 90-240 VAC, for compatible control units	1
ELDC	Neutral, LED light, 12-36 VAC, for compatible control units	1

TECHNICAL SPECIFICATIONS

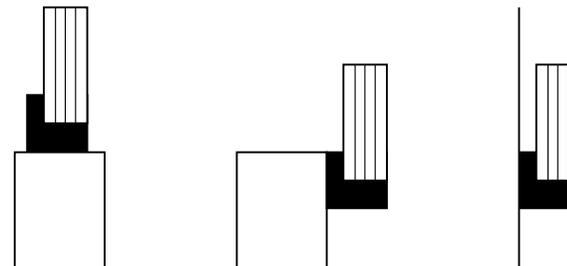
Code	ELAC	ELDC
TECHNICAL SPECIFICATIONS		
Power supply	90-240 VAC, 50/60 Hz	12-36 VDC
Maximum draw* (mA)	36	230
Maximum power* (W)	5	5,6
Bulb	White LED	
Internal flashing light	Yes	
PERFORMANCE DATA		
Max. operating cycle	33% (5s ton, 10s toff)	50% (5s ton, 5s toff)
DIMENSIONAL AND GENERAL DATA		
Protection class (IP)	44	
Operating temperature (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	132x72x155	

* Consumption measured with LED always on.

TABLE OF FLASHING LIGHT/CONTROL UNIT COMPATIBILITY

Code	MC200	DPRO500	MC800	A924	MC824H	MC424L	WALKY	HYKE	ROAD	ROBUS	RUN	NAKED SLIDING 400/SLIGHT	TUB	SPY	SPIN / SPINBUS	TEN	SOON	S/M/L BAR	WIDE
ELAC	•	•	•										•						
ELDC				•	•	•	•	•	•	•	•	•		•	•	•	•	•	•

VERSATILE: CAN BE MOUNTED ON A SURFACE, POST OR WALL



Nice

Wallyght

Multifunction LED light.



PATH INDICATORS ON DRIVEWAY



COURTESY LIGHT



Single 12/24 VAC/VDC powered version with flashing, courtesy or twilight light function.

A new idea for heaps more safety: connected to the relevant outputs in the control units, Wallyght can function as a signal light, normal flashing light, or courtesy light to illuminate the surroundings.

Connected to the 12/24 VAC/VDC power output, Wallyght can remain on permanently, or it can come on at dusk and switch off at dawn by activating the integrated twilight sensor.

High efficiency, extra-long life: the two 1 W LEDs have a life of 70,000 hours (continuous use).

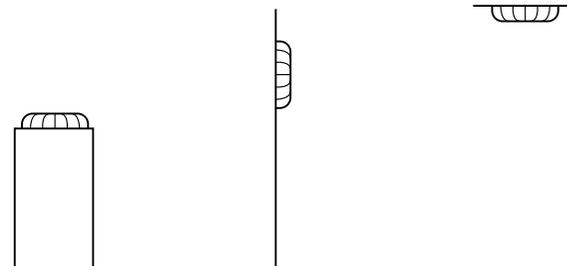
Horizontal, wall or ceiling mounting: together with the possibility of directing the light beam and the compactness of the IP44 box, makes Wallyght even more flexible to use.

Code	Description	Pcs. Pack
WLT	Multifunction LED signal light.	1

TABLE OF FLASHING LIGHT/CONTROL UNIT COMPATIBILITY

Code	A924	MC824H	MC424L	WALKY	HYKE	ROAD	ROBUS	RUN	NAKED SLIDING 400/SLIGHT	SPY	SPIN / SPINBUS	TEN	SOON	S/M/L BAR	WIDE
WLT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

RECOMMENDED INSTALLATION DIAGRAMS



Nice

Nice Solemyo Air Net System

The automation safety devices become wireless controls!



Era TCW Solemyo

Transmitter for sensitive edges



Solemyo kit

Kit for solar power



Era Light Solemyo

Flashing signal light

Transmitter for sensitive edge and flashing light available powered by integrated mini-solar panel.

The solar panel powers rechargeable batteries to guarantee automation operation autonomy in any situation.



Nice

Solemyo

Solar power system.



Available in a KIT

24V

Solemyo



PSY24

SYP

Solemyo is a solar power system for gate, garage door and road barrier automation systems without connection to mains power.

Installable anywhere: without the need for connections or excavations even in the most remote locations or those difficult to access with mains power.

More savings and respect for the environment, thanks to free and clean solar energy: a smart, environmentally friendly and cost-effective choice.

Low consumption and no blackouts: the extended duration of the energy reserve, together with the low consumption of the automations, guarantees operation even in the case of lengthy cloud cover.

Lower consumption, more autonomy: even at night or in periods of prolonged cloudiness, everything will work perfectly, ensuring comfort and safety.

Simple to use: as an alternative to the photovoltaic module, the SYA1 auxiliary power supply can be used to quick charge the battery via 230 VAC mains power.

LED indication of full charge.

The kit contains:

SYP: photovoltaic solar panel for 24 V power supply.

PSY24: 24 V battery box with control circuit and carrying handles. Conserves the electricity produced by the SYP photovoltaic cells and supplies it continuously and permanently throughout the day.

Cables and connectors required for connections.

Code	Description	Pcs. Pack
SYKCE	Solar power supply kit consisting of SYP photovoltaic panel and PSY24 battery box with charging control circuit	21
SYP	Photovoltaic solar panel for 24 V power supply with 15 W maximum power	
SYP30	Photovoltaic solar panel for 24 V power supply with 30 W maximum power	
PSY24	24 V battery box with control circuit and carrying handles	



Photovoltaic panel SYP30

Sold separately, ideal for all situations with low sun exposure or for automations with more intense use.

Installation tips: if you need to install two or more solar panels in parallel, we recommend purchasing the Solemyo system codes individually to increase the charging capacity of the system, or to use a single SYA1 power supply unit to charge multiple PSY24 battery boxes.

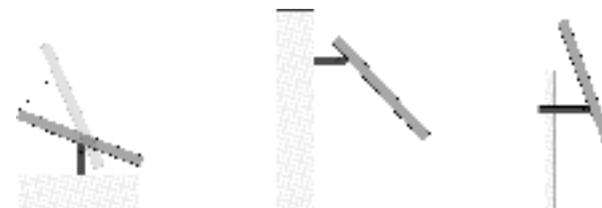
TECHNICAL SPECIFICATIONS

Code	PSY24	SYP30	SYP	SYA1
Power supply (VAC 50/60 Hz)		-		110 ÷ 240
Normal voltage (V)		24		-
Maximum current (A)	10		-	
Peak current (Wp)	-	30	15	-
Maximum power (W)		-		60
Nominal battery capacity (Ah)	20		-	
Protection class (IP)	44		-	
Operating temperature (°C Min/Max)	-20 ÷ +50*		-40 ÷ +85	0 ÷ +40
Full charge time (hours)	~ 15**		-	
Dimensions (mm)	235x170x258 h	450x25x550 h	390x28x415 h	132x58x30 h
Weight (kg)	14	3,5	1,9	0,345

* 0 - 40 when charged from mains with the SYA1 power supply unit.

** With mains power supply unit.

INSTALLATION DIAGRAM



Flexible: Solemyo fits perfectly into any type of system.

ACCESSORIES



SYA1
Power supply for mains charging of PSY24 battery.

Pcs./pack 1

Era Light Solemyo



Heaps of advantages!

Fast installation: no need for wiring to connect the accessories to the control unit or to create routing and cable ducts; just position them in the right place and perform the control unit recognition procedure.

The devices interface with the control unit through an ultra-compact dedicated interface module that can be housed directly in the motor or the control unit if separate.

More attractive, flexible device positioning over time: easy to add (or remove) devices, no more searching for a power point or the contact to put in series.

Maximum transmission safety: bidirectional radio system - each device not only responds to commands from the control unit, but also sends a return signal indicating that it is present and active, then when appropriate, it signals the occurrence of an event, such as an object passing between the two photocells.

Frequency of use: 868 MHz, less susceptible to interference.

Two separate channels are used to ensure the system is 100% functional and safe, even in the presence of sudden interference.

Smart system: recognises if the interference is coming from another Nice wireless automation. In this case, the recently installed “new” automation selects two different communication channels from those of the previous automation and maintains the separation between the channels used by the two systems.

Each device includes LEDs in the lower part indicating signal quality, correct functioning of the system and an immediate assessment of status in the event of faults or when switching on for the first time.

An LED flashes to indicate when the device is receiving enough sunlight to be charged.

LLW flashing light, wireless, with ultra-high efficiency LEDs: lower power consumption and almost unlimited life (no more burnt-out bulbs to replace frequently).

The brightness adapts to ambient conditions to ensure good visibility even in bright sunlight and to save energy during the hours of darkness.

Can be used as a flashing or courtesy light.

Code	Description	Pcs. Pack
LLW	Wireless flashing light with integrated photovoltaic panel	1
IBW	Interface through LLW and control units with BlueBUS system	1

COMPATIBILITY/INTERFACE TABLES

Code	LLW	TCW1	TCW2
Control units with BlueBUS (*)	With IBW	With IBW (**)	With IBW (**)
Control units without BlueBUS	Not possible	With IRW	With IRW

* There may be limitations on the maximum number of devices managed.

** Not managed on automations for swing doors# (MC824H; Walky; Hopp, Hyke) and some garage doors# (SPIN10KCE and SPIN11KCE).

Era TCW

Sensors for sensitive edges.



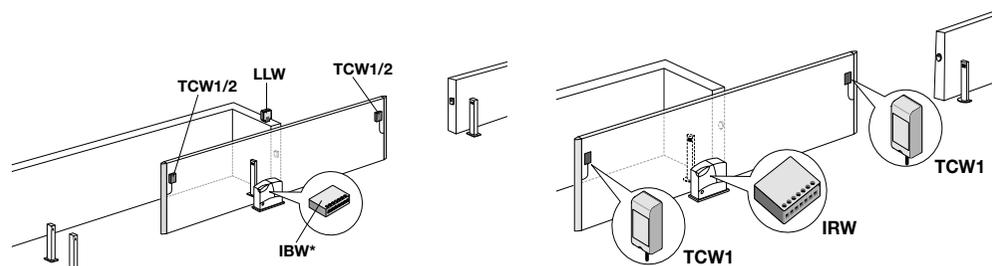
TCW2



TCW1

INSTALLATION DIAGRAM

* IBW or IRW depending on the motor (only IBW also accepts LLW).



TCW + IBW

IBW is connected to the BlueBUS terminal of the control unit and communicates via radio with TCW. Also compatible with the LLW wireless beacon.

TCW + IRW

IRW is connected to the safety inputs (Stop and Photo) of the control unit and communicates via radio with TCW.

Automation even safer thanks to the new Nice Solemyo Air Net System sensitive edge sensors.

No connections, totally wireless, can also be solar powered.

Energy saving: thanks to the solar power cell integrated in the TCW2, with rechargeable batteries.

For situations with poor sun exposure, version available with battery power supply only.

Maximum safety: thanks to the “wireless” detection and communication system between the sensitive edge, interface and control unit, enabling prompt action to be taken when an obstacle is detected.

Quick and easy to install: maximum flexibility in positioning the devices. Can be connected to resistive 8.2 KOhm sensitive edges.

State-of-the-art technology: the IBW interface (for control units with compatible Nice BlueBUS) and IRW interface (for control units without BlueBUS connection) allow radio communication with the TCW sensors.

Suitable for any architectural context

Small size: 99x49x33.

Code	Description	Pcs. Pack
TCW1	Sensitive edge transmitter with wireless technology and battery power supply suitable for indoor use or areas with poor exposure to sun	1
TCW2	Sensitive edge transmitter with wireless technology, powered by photovoltaic panel and rechargeable batteries, suitable for outdoor use or sunny areas	1
IBW	BlueBUS interface between sensitive edges with wireless transmitter and control units with BlueBUS system	1
IRW	Relay interface for sensitive edges with wireless transmitter and control units with classic stop and photo connections	1

TECHNICAL SPECIFICATIONS

Code	TCW2	TCW1
Technology adopted	Radio data transmission, on 2 possible frequencies in the 868 MHz band	
Power supply	Photovoltaic cell with electricity storage in a rechargeable AAA NiMH battery	2 alkaline batteries
Battery life	estimated 4-5 years *	estimated 2-3 years, with 1200 mAh alkaline batteries
Maximum number of manoeuvre cycles per day	15 with manoeuvres lasting a maximum of 1 minute (1 cycle = opening + closing)	
Sensitive edge input range (RS)	typical 8.2 KOhm	
Useful radio range (max)	20 m (40 m)	
Fault resistance category	2 (according to EN 945-1), depending on type of “phototest” output and input connection	
Protection rating of case	IP44	
Operating temperature	-20 - +55°C	
Dimensions (mm)	99x49x33	
Weight (g)	130	145

* The estimated values refer to edge activity of about 15 manoeuvres per day, with complete manoeuvre time of 60 seconds (900 seconds per day).

Mechanical sensitive edges



CMA



CB,



TCBS60



TCF



TCA65



TCE



DBM5 - DBM7,5 - DBM10



NSFS

Mechanical sensitive edges, safe and easy to install.

CMA is the high mechanical edge pre-mounted in 1.5 - 1.7 - 2 - 2.5 m long aluminium profiles, ideal for mounting on sliding or swing doors.

CMBK is the low mechanical edge construction kit: for edges up to 4 m (CMBK4) and edges up to 6 m (CMBK6), ideal for the safety of garage doors in general, up-and-over doors and sectional doors.

CB is the roll of protective rubber trim used together with the CMBK4/CMBK6 kit to construct the low mechanical edge.

MECHANICAL SENSITIVE EDGES

Code	Description	Pcs./pack
	High mechanical edge, with aluminium profiles in 1.5 - 1.7 - 2 - 2.5 m sections, dimensions in mm 36x75 h:	1
CMA 1.5MT	Length 1.5 m	1
CMA 1.7MT	Length 1.7 m	Pcs./pack
CMA 2MT	Length 2 m	1
CMA 2.5MT	Length 2.5 m	1
CB	Protective rubber trim for low mechanical edge in rolls and aluminium profiles in 2 m sections; dimensions in mm 23x44 h	Pcs./pack
CMBK4	Low mechanical edge construction kit, for 4 m aluminium profiles (for use with CB)	1
CMBK6	Low mechanical edge construction kit, for 6 m aluminium profiles (for use with CB)	1

PASSIVE SENSITIVE EDGE

Code	Description	Pcs. Pack
TCBS60	Passive sensitive edge in 10 m roll	1

ACCESSORIES FOR SENSITIVE EDGES

Code	Description	Pcs. Pack
TCF	Scissors for cutting safety sensitive edge	1
TCA65	Aluminium profile L=200 cm	5
TCE	Sensitive edge control interface	1

DEVICES FOR ELECTRICAL CONNECTION OF SAFETY SENSITIVE EDGES ON MOVEABLE LEAF

Code	Description	Pcs. Pack
DBM5	Complete kit for gates up to 5 m	1
DBM7.5	Complete kit for gates up to 7.5 m	1
DBM10	Complete kit for gates up to 10 m	1

INSTRUMENT AND SOFTWARE FOR MEASURING IMPACT FORCE

Code	Description
NSFS	BlueForce Smart Pro instrument for measuring the impact force compliant with EN 12453, with BlueTooth/USB, GSM/GPRS interface and GPS satellite receiver. Software and carry case included
NSEL	Linear extension for measuring 30 to 50 cm, applicable to NSFB
NSEA	Adjustable angled extension for measuring 1.25 to 2.50 m, applicable to NSEL

Inductive magnetic detector loop



LP21



LP22

The inductive magnetic detector loop system is used to detect vehicles and control vehicle transit in the presence of automated gates and garage doors and road barrier and car park management systems.

Two versions are available, to control one or two magnetic loops.

Easy to use

Even more intuitive programming and use thanks to the simple DIP switch function control.

The user can set the parameters directly on the device. For example, the detection sensitivity of the loop detectors can be adjusted to 4 different levels to meet different installation requirements.

The LP22 detector enables the direction of vehicles passing over the magnetic loops to be determined.

Diagnostics

Both inductive detectors are now with a front "RESET" button to quickly reset the default functions if needed.

The LEDs on the detectors provide continuous diagnostics.

Performance

The detector can calibrate the essential parameters regularly to guarantee correct system operation.

Fast response time (12 ms). Low power consumption of 0.5 W in standard use conditions. Operating temperature between -37° C and +70° C.

Code	Description	Pcs. Pack
LP21	Single-channel metal mass detector. 12 or 24V power supply	1
LP22	Two-channel metal mass detector. 12 or 24V power supply	1



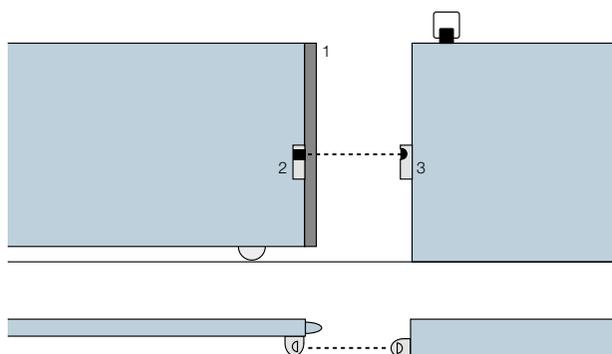
FT210

Pair of optical devices for sensitive edges.



GATES

1. TCB65 resistive sensitive edges
2. TX FT210 with battery power
3. RX FT210



Optical devices, with wireless transmitter for mounting on moveable leaf, adjustable through 210° along the horizontal axis and 30° along the vertical axis for a system perfectly compliant with standards.

Attention to people's safety and product quality.

An FT210/ FT210B device combined with an 8.2 KOhm resistive sensitive edge (type TCB65) allows the "main closing edge" safety level required by EN12453 to be achieved for any "type of use" and "type of activation".

The FT210/ FT210B device, combined with resistive sensitive edges (8.2 KOhm), is either single-fault safe (category 3 according to EN 954-1) or can be used with automations with self-diagnosis at the beginning of each manoeuvre (category 2 according to EN 954-1).

More models

Versions with relay output (FT210) or Nice Blue-

BUS technology (FT210B), available with 2 Ah battery kit (FTA2) and 7 Ah battery kit (FTA1), for intensive use.

Cutting-edge technology

The anti-collision circuit prevents interference with other detectors, even when not synchronised.

The FT210/FT210B optical devices are fitted with a special sensor able to detect when the gate is stationary, remaining in low-consumption mode and only functioning when the gate is moving.

Range adjustable in 2 levels; alignment with proportional LED for easy and safe installation.

Suitable for any architectural context and easy to install.

Small size: 46x128x45 mm; electrical connection also possible from underneath the box.

Ultra-sturdy and safe Polycarbonate body; FA1 vandal-proof metal shell (optional); transmitter battery partially flat indicator.

Code	Description	Pcs. Pack
FT210	Pair of optical devices for sensitive edges with mounting on moveable leaf, adjustable through 210°, with relay output. Battery kit (FTA1/FTA2) obligatory	1
FT210B	Pair of optical devices for sensitive edges with mounting on moveable leaf, adjustable through 210°, with BlueBUS technology. Battery kit (FTA1/FTA2) obligatory	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Draw	Protection class (IP)	Operating temperature (°C min./max.)	Relay range	Dimensions (mm)	Weight (g)
FT210	10 (residential), 15 (Industrial)	RX: 12-24 VAC/ VDC limits: 18-35 VDC, 10-28 VAC TX: 3.6 V lithium battery	RX: 120 mA - 12 V, 70 mA - 24 V TX: 20 uA gate stationary, 450 uA gate in operation	44	-20 ÷ +55	max. 500 mA and 48 V	46x45x128 h	300
FT210B		RX: the device can only be connected to "BlueBUS" networks	1 BlueBUS TX unit: 20 uA gate stationary, 450 uA gate in operation			-		280

ACCESSORIES

Code	Description	Pcs. Pack
FA1	Vandal-proof metal shell	2
FA2	Bracket for fixing to PPH1 and PPH2 posts	5
FTA1	7 Ah battery kit for FT210/FT210B transmitters, for intensive use	1
FTA2	2 Ah battery kit for FT210/FT210B transmitters	1
PPH2	Aluminium post for 2 photocells, 1000 mm h	2
PPH1	Aluminium post for 1 photocell, 500 mm h	2

F210

Adjustable synchronised photocells.



ACCESSORIES

TECHNICAL SPECIFICATIONS

	Power supply	Draw with 24 VDC power supply	Draw with 24 VAC power supply	BlueBUS output	Protection class (IP)	Operating temperature (°C min./max.)	Dimensions (mm)	Weight (g)
IB	16 - 35 VDC 18 - 28 VAC	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 40 mA for each pair of photocells)	one with a max. load of 9 BlueBUS units	30	86x58x22 h	86x58x22 h	72



Synchronised photocells, adjustable through 210° along the horizontal axis and 30° along the vertical axis.

Perfect installations, simply.

The 210° solution

With Nice F210 and F210B photocells, the beam can be adjusted through 210° along the horizontal axis, making the system safer and simplifying installation: often the gate leaf or garage door to be automated runs flush with the wall and there is not enough space to mount the photocells.

Many models, many advantages

The new photocells are available with relay output (F210) or Nice BlueBUS technology (F210B).

With the latter, all devices can be easily connected to the control unit with just two wires.

The IB interface allows connection of presence detectors with Nice BlueBUS technology to control units without BlueBUS system.

The system automatically acquires devices connected to the BlueBUS network.

Suitable for any architectural context and easy to install.

Small size: 46x128x45 mm; electrical connection also possible from underneath the box.

Ultra-sturdy and safe Polycarbonate body; FA1 vandal-proof metal shell (optional).

State-of-the-art technology Anti-glare circuit, automatic synchronisation between several pairs of photocells to prevent interference between detectors.

High range adjustable in 2 levels; alignment with proportional LED for easy and safe installation.

Code	Description	Pcs. Pack
F210	Pair of synchronised photocells adjustable through 210° with relay output	1
F210B	Pair of synchronised photocells adjustable through 210° with Nice BlueBUS technology	1

TECHNICAL SPECIFICATIONS

	Estimated range (m)	Power supply	Draw	Protection class (IP)	Operating temperature (°C min./max.)	Relay range	Dimensions (mm)	Weight (g)
F210	10 (30 with jumper cut)	without 24 VAC/VDC jumper limits: 18-35 VDC, 15-28 VAC with 12 VAC/VDC jumper limits: 10-18 VDC, 9-15 VAC	25 mA RX, 30 mA TX	44	-20 ÷ +55	max. 500 mA and 48 V	46x45x128 h	230
F210B		the device can only be connected to "BlueBUS" networks	1 BlueBUS unit			-		

ACCESSORIES

Code	Description	Pcs. Pack
IB	Interface for connecting F210B BlueBUS photocells to control units without BlueBUS system	1
FA1	Vandal-proof metal shell	2
FA2	Bracket for fixing to PPH1 and PPH2 posts	5
PPH2	Aluminium post for 2 photocells, 1000 mm h	2
PPH1	Aluminium post for 1 photocell, 500 mm h	2

Nice

Kio

Key switch for low-voltage contacts.



With release mechanism for metal cable, ideal for automating sectional doors, rolling doors and folding doors.

Convenient: Kio is both a key switch and a release device; its design makes it effortless to use, and easy to install anywhere, thanks to its very narrow profile.

Long life: made from epoxy-powder painted cast aluminium.

Easy: an LED light makes the switch easy to find even in total darkness.

Safer: encrypted key. Release activated either by directly opening the door or via a winder.

The first product to incorporate key control and motor release functions.

Code	Description	Pcs. Pack
KIO	Key switch for low-voltage contacts, with release mechanism for metal cable	1
KA1	Kit with 6 m metal cable for KIO	1

Nice

Kiomini

Aluminium key switch.



With control button and release mechanism for metal cable.

Practical: Kiomini incorporates a lever for wire release and a control button to operate a single-phase motor either directly or via a control unit.

Resistant: anti-intrusion body in cast aluminium. Access to the compartment via a sturdy door closed with a lock.

Convenient: the small size makes it simple and compact to install.

Code	Description	Pcs. Pack
KIOMINI	Aluminium key switch with control and release button	1
KA1	Kit with 6 m metal cable for KIO	1



KIO



KA1



KA1

Heating devices

PW1 heating element for gearmotors:

maintains the automation at optimum temperatures for correct operation, even in extreme climatic conditions.

Resistant: able to reach temperatures of almost 100°C in standard ambient conditions.

Efficient: high performance, partly thanks to the silicone sheath covering the heating element, increasing heat dissipation while keeping power consumption at just 20 W.

Independent: powered at 230/120 VAC via the TW1 thermostat; as it is not a burden on the gearmotor transformer, gearmotor performance remains steady.

TW1, trimmer control thermostat for PW1:

when the detected temperature falls below the set threshold, the thermostat powers the PW1 heating element, increasing the amount of heat emitted; this action is maintained until the detected ambient temperature stabilises at the set values.

Easy to programme: trigger threshold adjustable via trimmer between 0°C and -20°C.

Safe: with key to verify functioning and LED to verify output status.

Code	Description	Pcs. Pack
PW1	Heating element for gearmotors	1
TW1	Regulation thermostat with trimmer	1



PW1



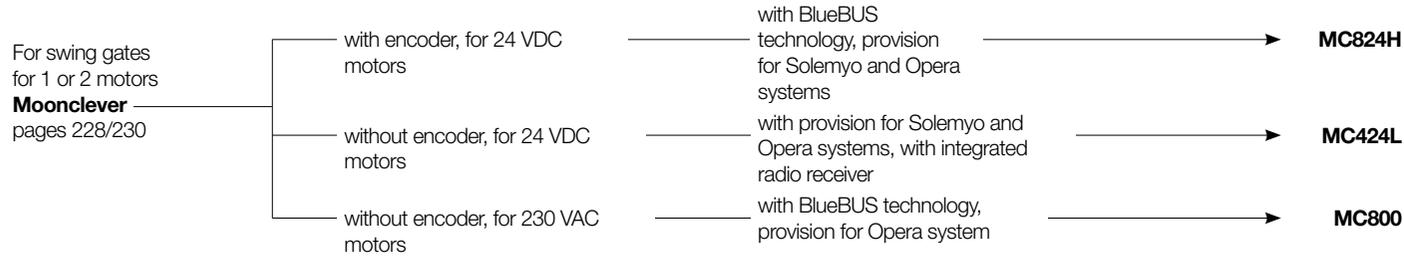
TW1

Nice

Control units



Selection guide



Moonclever

Control units for motors for 24 VDC swing gates, with magnetic encoder.

BiDi

Yubii

Solemyo

Opera

BlueBus

24V



With Nice BlueBUS technology, compatible with the Solemyo solar power kit (MC824H, MC824L) and Opera system for automation management, programming and diagnostics, even remotely.

Compatible with the Opera system whose multifunction Pro-View display (mountable in the box) enables the system to be personalised, modifying the opening and closing positions, staggered closing of the leaves and decelerations and diversifying the parameters such as force, speed and obstacle sensitivity for each motor.

Microprocessor logic: Moonclever control units combine the advantages of the Opera system with the advanced functions of the Nice systems (gradual start and deceleration, automatic memorising of both limit switch positions and pedestrian pass door function).

Safe and reliable: thanks to obstacle detection with double technology throughout the travel and possibility of connecting latest generation resistive sensitive edges. **Smart:** at switch-on, indication of correct power supply and operation of the control unit; automatic fault diagnosis and indication via flashing light and confirmation LED.

Savings and respect for the environment: when connected to the buffer battery or Solemyo kit (MC824H, MC824L), consumption in standby drops to just 0.1 W.

Ultra-simple installation: thanks to the BlueBUS system allowing connections with just two wires between the control unit, motors and accessories.

No blackouts: operation in event of power failure with the optional batteries (PS324) for housing in the control unit.

Radio receiver: with provision for SM plug-in receivers.

Code	Description	Pcs./pack
MC824H	Control unit for one or two 24 V non-reversible motors with encoder, with Nice BlueBUS technology and provision for Opera and Solemyo	1
MC824L	Control unit for one or two Oltre 1824 motors without encoder, with Nice BlueBUS technology and provision for Opera and Solemyo	1
MC824HR	Control unit for one or two 24 V reversible motors with encoder, with Nice BlueBUS technology and provision for Opera	1

TECHNICAL SPECIFICATIONS

Code	MC824H, MC824L, MC824HR
Mains power supply (VAC 50/60 Hz)	230 ± 10%
Battery power supply (VDC)	21 ÷ 28
Max. motor power and current (VA; A)	360 (W); 15
Max. current 24 V services (A)	0,2
Max. flashing light output voltage and power (V; W)	12; 21
Max. GO light output voltage and power (V; W)	12; 2
Max. electric lock output voltage and power (VAC; VA)	12; 15
Operating time OT (s)	-
Pause time PT (s)	1 ÷ 250
Delay 1st motor in opening TRA (s)	Programmable
Delay 2nd motor in closing TRC (s)	Programmable
Courtesy light time TCOR (s)	0: 250
Pre-flash time TPRE (s)	0: 10
Force adjustment (%)	-
Obstacle detection (sensitivity)	min - max
Case dimensions (mm)	230x125x300 h

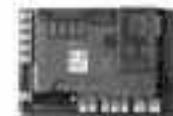
COMMON ACCESSORIES



PS324

24 V battery with integrated battery charger.

Pcs./pack 1



MCA3

Spare control unit for MC824HR*.

Pcs./pack 1



MCA4

Spare control unit for MC824L.

Pcs./pack 1



MCA1

Spare control unit for MC824H.

Pcs./pack 1

* Not compatible with Solemyo Kit.

Moonclever

Control unit for 24 VDC motors for swing gates, without encoder.

BiDi

Yubii

Solemyo

Opera

BlueBus

24V



Compatible with the Solemyo solar power system.

Compatible with the Opera system whose multifunction Pro-View display (mountable in the box) enables the system to be personalised, modifying the opening and closing positions, staggered closing of the leaves and decelerations and diversifying the parameters such as force, speed and obstacle sensitivity for each motor.

Safe and reliable: thanks to obstacle detection throughout the travel, with provision for connection of latest generation resistive sensitive edges.

Smart: automatic fault diagnosis and indication via flashing light and confirmation LED.

Easy and complete manual programming, thanks to the three keys and 8 LEDs.

Savings and respect for the environment: when connected to the buffer battery or Solemyo kit, consumption in standby drops to just 0.1 W.

No blackouts: operation in event of power failure with the optional batteries (PS124) for housing in the control unit.

Built-in radio receiver: the built-in radio card is also compatible with the Nice Flo and Smilo systems. Can memorise up to 100 transmitters.

The control unit is designed to take SM plug-in receivers.

Code	Description	Pcs./pack
MC424L	Control unit for one or two 24 V motors without encoder, with integrated radio receiver and provision for Solemyo and Opera systems	1

TECHNICAL SPECIFICATIONS

Code	MC424L
Mains power supply (VAC 50/60 Hz)	230 ± 10%
Battery power supply (VDC)	21 ÷ 28
Max. motor power and current (VA; A)	75; 3
Max. current 24 V services (A)	0,2 +0,1
Max. flashing light output voltage and power (V; W)	24; 25
Max. GO light output voltage and power (V; W)	24; 5
Max. electric lock output voltage and power (VAC; VA)	12; 15
Operating time OT (s)	-
Pause time PT (s)	5 ÷ 180
Delay 1st motor in opening TRA (s)	0 - 50% TL
Delay 2nd motor in closing TRC (s)	-
Courtesy light time TCOR (s)	-
Pre-flash time TPRE (s)	3
Force adjustment (%)	-
Obstacle detection (sensitivity)	1 ÷ 8
Case dimensions (mm)	230x125x300 h

COMMON ACCESSORIES



PS124

24 V battery with integrated battery charger.

Pcs./pack 1



MCA2

Spare control unit for MC424L.

Pcs./pack 1

MC800

Control unit for 230 V motors for swing gates.

BiDi

Yubii

Opera

BlueBus

230V



LED programming guide



Removable terminals screen-printed with indication of connection

With Nice BlueBUS technology, compatible with the Opera system for automation management, programming and diagnostics, even remotely.

Compatible with the Opera system whose multifunction Pro-View display enables the system to be personalised, modifying the opening and closing positions, staggered closing of the leaves and decelerations and diversifying the parameters such as force, speed and obstacle sensitivity for each motor.

Universal power supply: 120/230 VAC 50/60 Hz.

Microprocessor logic: the MC800 control unit combines the advantages of the Opera system with the advanced functions of the Nice systems (gradual start and deceleration, automatic memorising of both limit switch positions and pedestrian pass door function).

Smart: at switch-on, indication of correct power supply and operation of the control unit; automatic fault diagnosis and indication via flashing light and confirmation LED.

Ultra-simple installation: thanks to the BlueBUS system allowing connections with just two wires between the control unit and accessories.

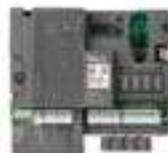
Radio receiver: with provision for SM plug-in receivers.

Code	Description	Pcs./pack
MC800	Control unit for one or two 230V motors with Nice BlueBUS technology and provision for the Opera system	1

TECHNICAL SPECIFICATIONS

Code	MC800
Mains power supply (VAC 50/60 Hz)	120/230
Max. motor power and current (W; A)	900; 5
Max. current 24 V services (A)	0,2
Max. flashing light output voltage and power (V; W)	120/230; 21
Max. GO light output voltage and power (V; W)	24; 4
Max. electric lock output voltage and power (VAC; VA)	12; 15
Operating time OT (s)	-
Pause time PT (s)	5 - 180
Delay 1st motor in opening TRA (s)	Programmable
Delay 2nd motor in closing TRC (s)	Programmable
Courtesy light time TCOR (s)	0: 250
Pre-flash time TPRE (s)	0: 10
Force adjustment (%)	-
Case dimensions (mm)	230x120x300 h

COMMON ACCESSORIES



MCA5
Spare control unit for MC800.

Pcs./pack 1

Nice

MC200

Control unit for rolling doors.

Opera

230V



Simplified programming via Pro-View or **BiDi-WiFi** and **MyNice Pro App**, the automation system can also be managed, programmed and controlled remotely, with considerable time savings.

Built-in radio card: compatible with Nice FlorR and Smilo systems.

Input programmable as step-by-step or open.

Photo or close input.

Input for connecting an 8.2 KOhm resistive sensitive edge.

Semi-automatic and automatic operation.

Flashing light output.

Phototest or rolling door status output.

Possibility of remote connection.

Code	Description	Pcs./pack
MC200	For a 230 VAC motor for rolling doors, with semi-automatic and automatic closing, with flashing light output and built-in receiver compatible with Flor and Smilo series transmitters	1

TECHNICAL SPECIFICATIONS

Code	MC200
Mains power supply (VAC 50/60 Hz)	120 / 230 ± 10%
Battery power supply (VDC)	-
Max. motor power and current (VA; A)	450 (120V) - 900 (230V); 5
Max. current 24 V services and phototest (A)	0,055
Max. flashing light output voltage and power (V; W)	120 - 230; 40
Max. GO light output voltage and power (V; W)	24V - 1W
Operating time OT (s)	5 ÷ 120
Pause time PT (s)	1 ÷ 120
Case dimensions (mm)	128x112x43 h

D-Pro 500

Control units for motors with mechanical and electronic limit switches.

BiDi

Yubii

Opera

230V

400V



Possibility of both man-present and automatic manoeuvres.

Suitable for all types of motor, single-phase without integrated inverter and three-phase, with 2.2 kW maximum power.

Easy programming and 2 diagnostics LEDs.

High performance: with possibility of adding a dedicated module for optional potential free outputs.

Compatible with all types of sensitive edges, including wireless.

Easy to programme: thanks to the Pro-View multifunction interface for connection via the IBT4N interface (both optional).

Safe: protected by a plastic body, to avoid any risk of electrical shock.

Radio receiver: dedicated slot for inserting Nice plug-in receivers.

Smart: the maintenance service warning can be programmed according to the number of manoeuvres required.

Code	Description	Pcs./pack
DPRO500	Control unit for one 230 VAC, 2.2 kW single-phase motor, or one 400 VAC, 2.2 kW three phase motor	1

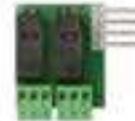
TECHNICAL SPECIFICATIONS

Code	DPRO500
ELECTRICAL SPECIFICATIONS	
Mains power supply (VAC 50/60 Hz)*	1~230 / 3~400
Max. motor power (kW)	2,2
Logic unit power supply (VDC)	24
Power in standby	< 5 VA
Pre-limit input	Programmable
Inputs for external controls	Wired inputs, all programmable
Sensitive edges	Optical, 8.2 kΩ resistive and 8.2 kΩ pneumatic
Extra output	2 programmable potential free contacts (via NDA040 module)
DC output	24 VDC 1st
Stop input	Normally closed contacts

DIMENSIONAL AND GENERAL DATA

Protection class (IP)	55
Operating temperature (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	210x125x310 h
Weight (kg)	3

COMMON ACCESSORIES



NDA040

For optional potential free outputs.

Pcs./pack 1

D-Pro 924

Control unit for 24 V motors for sectional doors, with encoder or electromechanical limit switch, suitable for Sumo.

BiDi

Yubii

Solemyo

Opera

24V



Compatible with the Solemyo solar power system.

Compatible with the Opera system whose multifunction Pro-View display (mountable in the box) enables the system to be personalised, modifying the opening and closing positions and decelerations and diversifying the parameters such as force, speed and obstacle sensitivity for each motor.

Practical and safe: new box with 3 buttons integrated in the cover to control the automation. Ample internal space for wiring and accessories.

Protective inner cover to guarantee maximum installation safety and prevent accidental damage to the electronics.

Simple: the new programming procedure with button and DIP switch and practical removable connectors further simplify installation.

Compatible with the IBT4N interface: the dedicated slot enables connection of Bus T4 compatible accessories and programming interfaces. **Complete:** the inputs and outputs programmable with Pro-View, new relay outputs and compatibility with all the sensitive edges most popular on the market (resistive and optical) make it ideal for all needs.

Safe and reliable: thanks to obstacle detection throughout the travel, with provision for connection of latest generation resistive sensitive edges.

Savings and respect for the environment, autonomy: when connected to the buffer battery or Solemyo kit, consumption in standby drops to just 0.1 W.

Smart: automatic fault diagnosis and indication via flashing light and confirmation LED.

No blackouts: operation in event of power failure with the optional batteries (PS124) for housing in the control unit.

Code	Description	Pcs./pack
DPRO924	Control unit for 24V motor (suitable for Sumo), with provision for Solemyo and Opera	1

TECHNICAL SPECIFICATIONS

Code	DPRO924
Mains power supply (VAC 50/60 Hz)	230 ± 10%
Battery power supply (VDC)	21 ÷ 28
Max. motor power and current (VA; A)	360 (W); 15
Max. current 24 V services (A)	0,2
Max. flashing light output voltage and power (V; W)	12; 21
Pause time PT (s)	1 : 250
Operating time TL (s) / pause time TP (s)	- / 1 ÷ 1023
Courtesy light time TCOR (s)	0 : 250
Pre-flash time TPRE (s)	0 : 60
Obstacle detection (sensitivity)	min - max
Case dimensions (mm)	210x125x310 h

COMMON ACCESSORIES



PS224

Buffer battery 24 VDC.

Pcs./pack 1



DPCU1

Spare control unit for DPRO924.

Pcs./pack 1

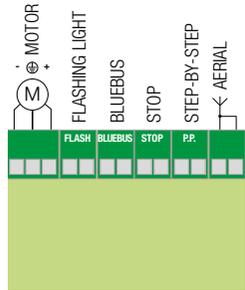
Control unit functions

	MC200	DPRO500	MC800	DPRO924	ROBO600	MC824H/MC824L/MC824HRV/HK7024	MC424L	WALKY	HO2124	ROAD	ROBUS 400	ROBUS 600/1000/NAKED/SLIGHT/ROBUSHS	RUN/RUNHS	SPIDO600	SPYKIT550	SPYKIT 650/800 BD/SPY650HS	SPINBUSKIT	SPINBUS	TN2030L/TENKIT	SOON/TN2010L	M-BAR/L-BAR	S-BAR	WIDE	
PROGRAMMABLE FUNCTIONS																								
Manual operation		•	•	•	•	•		•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Semi-automatic operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic operation + always close		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Apartment block operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pre-flash		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Close again 5 s after Photo		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Photo also in opening		•		•	•					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gradual start				•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•
Gradual stop				•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•	•
Flashing also in Pause																								•
Courtesy light on flashing light			•	•								•	•	•	•	•	•	•	•	•	•	•	•	•
Pulsed courtesy light				•																				
Gate Open light (GO) with proportional flashing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cancel stop in Step-by-Step cycle		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Photocell safety at start of each movement		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Automatic realignment when power returns																								
Slow-down function		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Water hammer		•				*5																		
Pressure maintenance on hydraulic motors		•																						
Phototest activation	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Skip STOP in open		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Skip STOP in close		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLOSE becomes OPEN PEDESTRIAN		•		•								•	•	•	•	•	•	•	•	•	•	•	•	•
Photocells (PHOTO and/or PHOTO1) also in opening					•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Remote partial reversal with PHOTO photocell											•	•	•	•	•	•	•	•	•	•	•	•	•	•
Remote full reversal with PHOTO photocell	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Limit switch override																								
Standard Step-by-Step Open-Close-Open operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Step-by-Step operation mode 2 Open-Pause-Close-Open										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Step-by-Step operation mode 3 Open-Stop-Close-Open				•	*5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Temporary pause (photocell)											•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gate Open light (GO) becomes "one-way" traffic light																								•
Traffic light in both directions	*5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

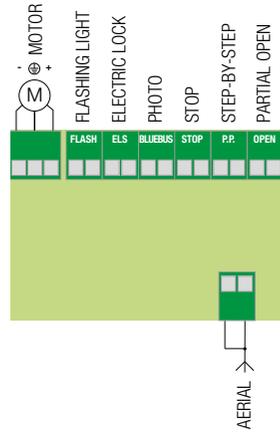
	MC200	DPRO500	MC800	DPRO924	ROBO600	MC824H/MC824L/MC824HRV/HK7024	MC424L	WALKY	HO2124	ROAD	ROBUS 400	ROBUS 600/1000/NAKED/SLIGHT/ROBUSHS	RUN/RUNHS	SPIDO600	SPYKIT550	SPYKIT 650/800 BD/SPY650HS	SPINBUSKIT	SPINBUS	TN2030L/TENKIT	SOON/TN2010L	M-BAR/L-BAR	S-BAR	WIDE	
PROGRAMMABLE FUNCTIONS																								
Step-by-step Open-Stop-Close-Stop operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Extension of operating time		•			•																			
Pause time with presence detector		•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1st motor delay in opening			•			•	•		•															
Gate Open light with limit switch					•																			
Brake					•						•	•	•											•
Control unit with built-in radio card	•										•				•	•	•				•			
Stand-by				•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Control unit connections

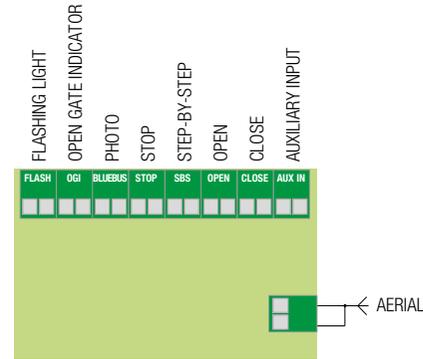
WALKY



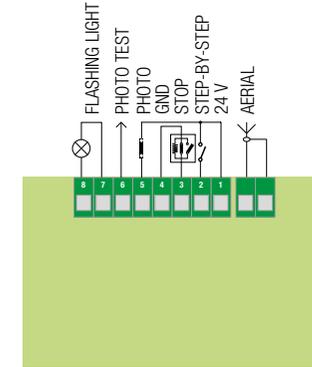
HOPP 7124



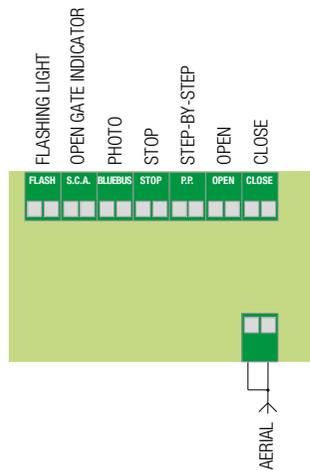
ROBUS 400/600/1000



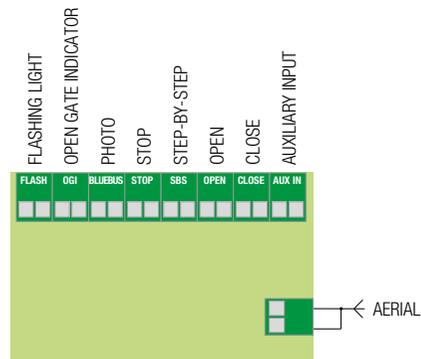
ROAD



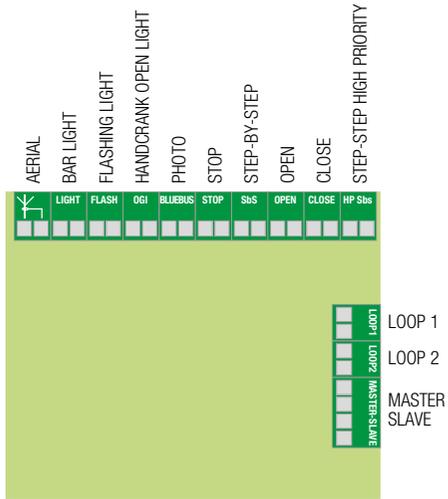
RUN/RUN HS



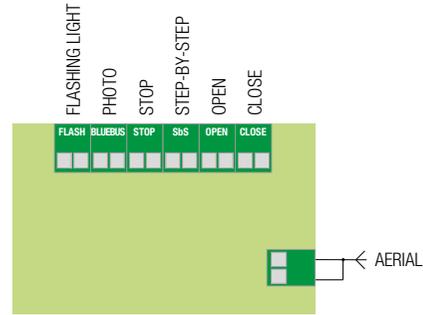
SLIGHT/NAKED SLIDING 400/ROBUS HS



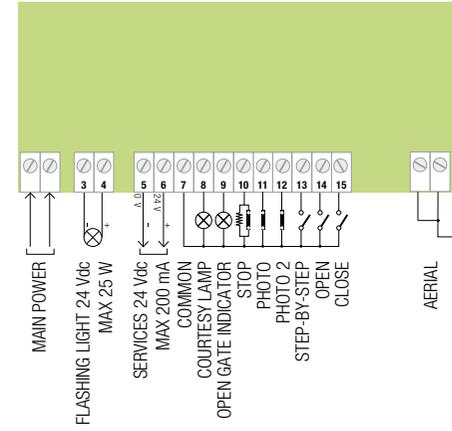
L-BAR/M-BAR



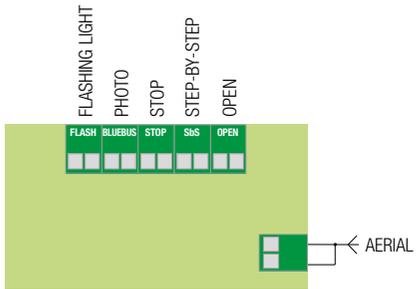
S-BAR



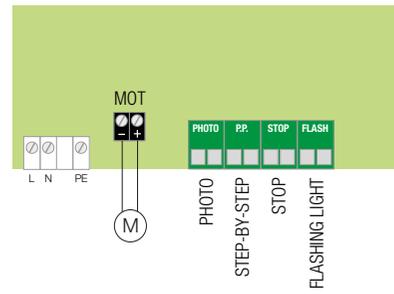
WIDE



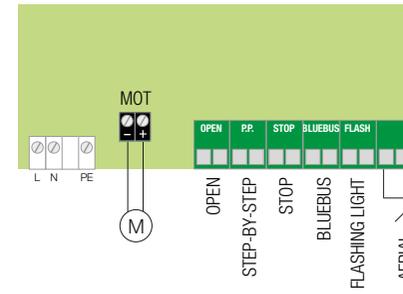
SPINBUS/SPINBUSKIT



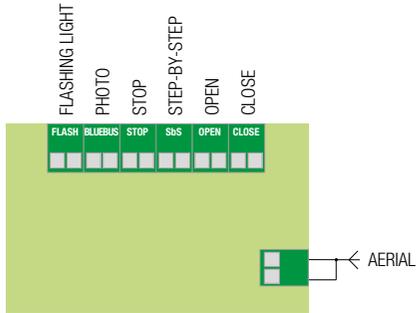
SPYBOX



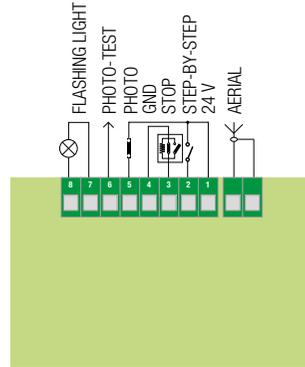
SPYBOXB/SPYBOX HS



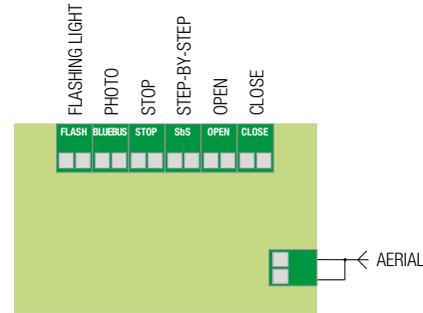
TN2010L



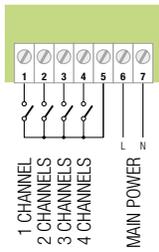
TN2030L/TENKIT



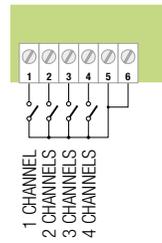
SOON



TTX4

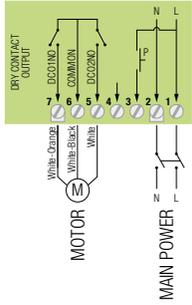


TTXB4

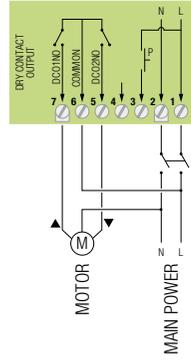


TT2Z

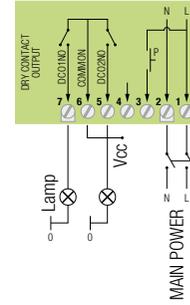
Connections for dry-contact outputs



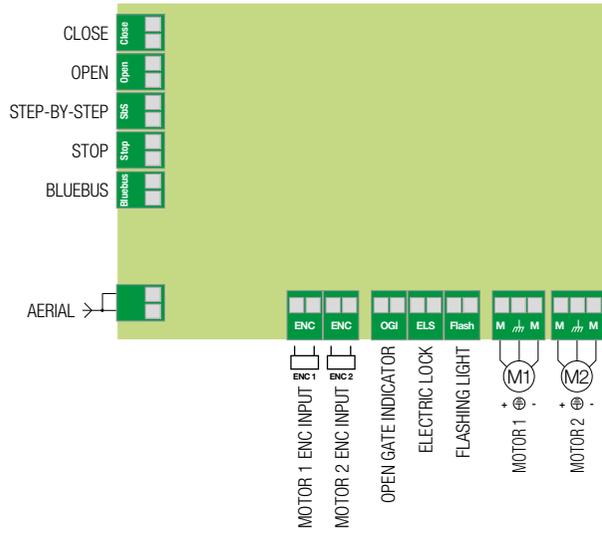
Connections for 3-wire mechanical motor outputs



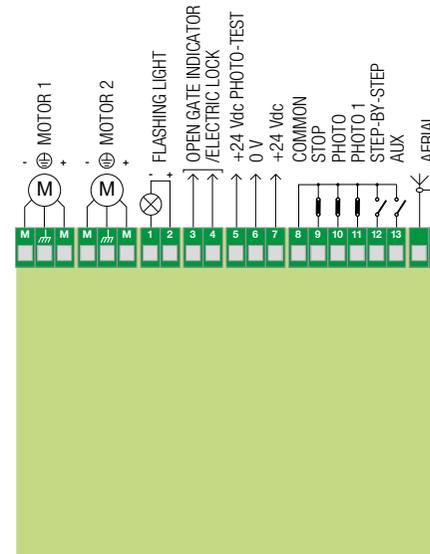
Connections for 2 independent switch outputs



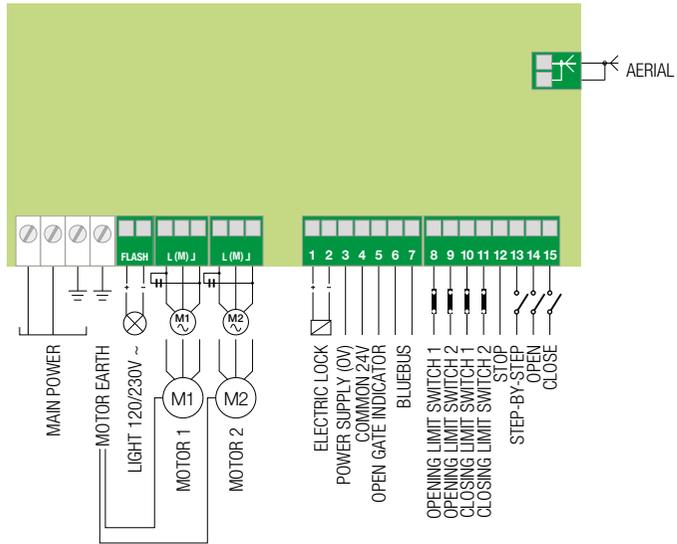
MC824H/MC824L/MC824HR/HK7024



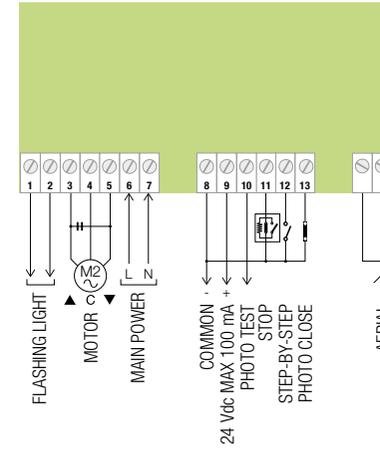
MC424L



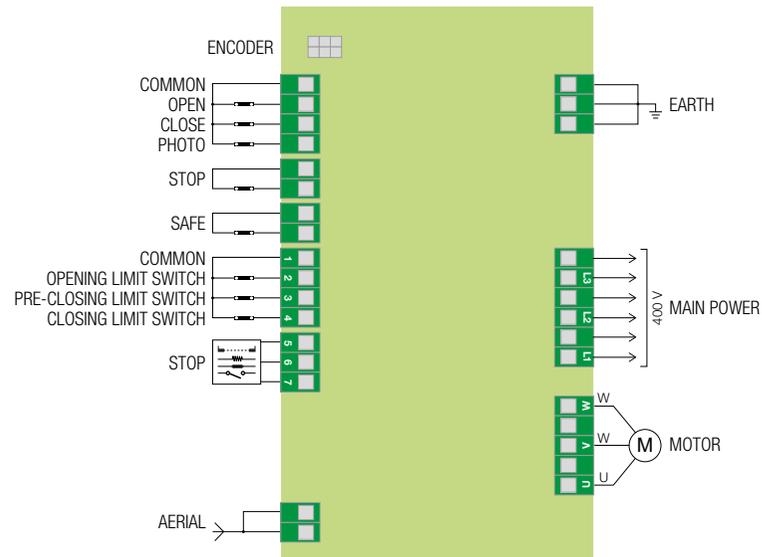
MC800



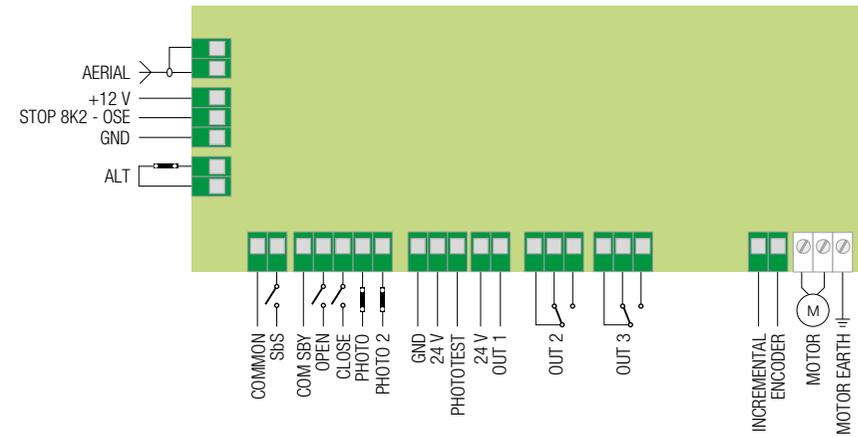
MC200



DPRO500



DPRO924



Automation system compatibility guide

Systems for swing gates

Motor	Moonclever control unit	Spare part code	Receiver	Transmitters	Photocells	Flashing light
WG4024, WG5024, WG2024, WG3524	MC424L	BiDi Yubii Solemyo Opera 24V	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	ELDC, EL24, ML24, ML24T, LUCY24
SFAB2024						
TOO3024, TOO4524						
TO4024, TO5024, TO7024, TO5024I	MC824H	BiDi Yubii Solemyo Opera 24V			EPSB, EPMB, EPLB, F210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT
HY7024, HY7124						
SFAB2124						
MFAB3024						
LFAB4024						
BFAB5024						
TO5624I	MC824HR	BiDi Yubii Opera BlueBus 24V	MCA3			
OLTRE1824	MC824L	Solemyo Opera BlueBus 24V	MCA4			
TO4005, TO4006, TO4015, TO4605, TO5015, TO5016, TO5605, HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, TOO3000, TOO4500	MC800	BiDi Yubii Opera BlueBus 230V	MCA5	ELAC, EL, ML, MLT, LUCY		

Motor with articulated arm	Integrated control unit / Spare part code	Receiver	Transmitters	Photocells	Flashing light	
PP7024	POA1	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, EPMOR, MOF, BF, FK, FE, FI	ELDC, EL24, ML24, ML24T, LUCY24	
WL1024C	WLA1					BiDi Yubii Solemyo Opera BlueBus 24V
HO7124, PP7124	POA3			BiDi Yubii Solemyo Opera BlueBus 24V	EPSB, EPMB, EPLB, F210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT
HK7024	HKA2			BiDi Yubii Solemyo Opera BlueBus 24V		

■ Gate&Door 2023 catalogue code

■ Code not in catalogue

Systems for sliding gates

Motor	Integrated control unit / Spare part code		Receiver	Transmitters	Photocells	Flashing light
RO300	ROA34	230V	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA FLOR, BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		ELAC, ML, MLT, LUCY, LL
RO1000, RO1020	ROA3	230V	FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL, F210, FT210, MOF, BF, FK, FE, FI	ELDC, EL24, ML24, ML24T
RO1010	ROA4	230V				
RO1124	ROA2	230V				
RO500, RO1070, TH1500	ROA37	230V	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, ERGO, PLANO, VERY VR		ELAC, ML, MLT, LUCY, LL
TH1551	THA5	230V	FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
TH2251	THA6	230V	FLOXIR, FLOXI2R*			
ROBO600	ROA41	Opera BlueBus 230V	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		ELAC
RD400	RBA4	24V	Integrated*			ELDC
RB350	RBA2	BlueBus 24V	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, FT210B, EPMOW, MOFB	ELDC, ELB, WLT, MLB, MLBT
NKSL400	NKA3	BiDi Yubii Solemyo Opera BlueBus 24V				
SLH400						
RB400	RBA3	BiDi Yubii Solemyo Opera BlueBus 24V				
RB600						
RB1000						
RUN1500						
RUN1800	RUA1	BiDi Yubii Opera BlueBus 230V				
RUN2500						
RUN2500I	RUA2 + RUA3	BiDi Yubii Opera BlueBus 230V				
TUB4000	DPRO500	BiDi Yubii Opera 400V				
TUB3500	MINDY A500		FLOXIR, FLOXI2R*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL, F210, FT210, MOF, BF, FK, FE, FI	
			FLOXI	FLO, VERY VE		

* Radio receiver not compatible with the Opera system

Systems for garage doors and rolling doors

	Motor	Integrated control unit / Spare part code	Receiver	Transmitters	Photocells	Flashing light
Sectional doors	SP6000	SPA40	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	ELDC, EL24, ML24, ML24T
	SP6065	SPA20	FLOXI2R*, FLOXIR FLOXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR FLO, VERY VE		
	SP6100	SPA30	FLOXI2R*, FLOXIR FLOXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR FLO, VERY VE		
	CR2124	ROA2	FLOXI2R*, FLOXIR FLOXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR FLO, VERY VE		
	SPIDO600	SPA600	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, FT210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT, LUCYB
	SN6021	SNA20	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		
	SN6031, SPIN30	SNA3				
	SN6041, SPIN40	SNA4				
	SO2000	SPSOA2				
	SU2000, SU2000V, SU2000VV, SU2010	DPRO924				
	SHEL75KCE, SHEL50KCE, SHEL60KCE	OGA0	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	-	-
	SPY650BDKCE, SPY800BDKCE	SPYBOXB	OXIBD, OXILR, OXI + Built-in*	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, FT210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT, LUCYB
	SPY650HSBDKCE	SPYBOXHS	OXIBD, OXILR, OXI + Built-in*	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, FT210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT, LUCYB
SPY550KCE	SPYBOX	Built-in*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK	ELDC, WLT, EL24, ML24, ML24T, LUCY24	
Up-and-over doors	OT21, OT21FC	OTA1	FLOXI2R*, FLOXIR FLOXI	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR FLO, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK	ELAC, EL, ML, MLT, LUCY
	TN2010L, TN2010	TNA2	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPSB, EPMB, EPLB, F210B, FT210B, EPMOW, MOFB	ELDC, WLT, ELB, MLB, MLBT
	TN2030L, TN2030, TNLKCE, TNKCE	TNA1	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	
Rolling doors	GR170, GR170E01, GR170R, GR170RE01, GR340E01	MC200	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	ELAC, EL, ML, MLT, LUCY
	RN2010, RN2020, RN2030, RN2040					

* Radio receiver not compatible with the Opera system

Barrier raising and industrial systems

Motor	Integrated control unit / Spare part code		Receiver	Transmitters	Photocells	Flashing light
WIL	WA20	24V	OXIBD, OXILR, OXI	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	ELDC, EL24, ML24, ML24T
WIDE	WIA20	BiDi Yubii Opera 24V				
SIGNO (all models)	SIA20	24V				
XBAR	XBA2	24V				
S4BAR	XBA20	BiDi Yubii Solemyo Opera BlueBus 24V				
MBAR	BCU1	BiDi Yubii Solemyo Opera BlueBus 24V				
L9BAR						

WIL barriers manufactured before 2008 have MOLEX radio plug

Gate and garage door systems with Mindy control units

Control unit	Spare part code	Motor	Receiver	Transmitters	Photocells	Flashing light
A01	139-B.8001	GR170, GR340, RN2030, RN2040, RN2010, RN2020	Integrated*	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, ERGO, PLANO, VERY VR, VERY VE	EPS, EPM, EPL, F210, FT210, EPMOR, MOF, BF, FK, FE, FI	ELAC, EL, ML, MLT, LUCY
A02	200-A.8001					
A0, A1, A1B	-	OT20, RO1030	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, ONE, VERY VR		
A3, A3F, A6, A6F, A700F	A3BA + A3GO A3FBA + A3GO SPSB059DE SPSB059DEF SPSB059DF	TO4005, TO4006, TO4015, TO4605, TO5015, TO5016, TO5605, HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, TOO3000, TOO4500				
A400	102-A.8001	WG4000				
A100F	129-A.8001	OT20, RO1030	OXIBD, OXILR, OXI, SMXI*, SMXIS*	ERA INTI, ERA ONE, ERA ONE BD, ERA ONE LR, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE		
A60	SPSB138D	TO4005, TO4006, TO4015, TO4605, TO5015, TO5016, TO5605, HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, TOO3000, TOO4500				
A500	096-B.8001	MB4024, MB5024, HY7024, HY7124, MFAB3024 TO4024, TO5024, TO7024	FLOXI2R*, FLOXIR	ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, VERY VR, VERY VE	ELDC, EL24, ML24, ML24T, LUCY24	
A824 24V	SP081-B					
A824T 24V						
A924 24V	SB105B	SU2000, SU2000V, SU2000VV, SU2010				

* Radio receiver not compatible with the Opera system

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TO4605	Toona, reversible motor for leaves up to 3 m, with limit switch in opening, fast	67
TO5015	Toona, motor for leaves up to 5 m, with limit switch in opening, slow	69
TO5016	Toona, motor for leaves up to 5 m, with limit switches in opening and closing, slow	69
TO5024	Toona, motor for leaves up to 5 m, mechanical stop in opening	69
TO5024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, mechanical stop in opening and closing	37
TO5024I	Toona, motor for leaves up to 5 m, mechanical stop in opening, intensive use	69
TO5605	Toona, reversible motor for leaves up to 5 m, with limit switch in opening, fast	69
TO6024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, mechanical stop in opening and closing	37
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TOONA4024BDKCE	Kit for automating swing gates with leaves up to 3 m, 24 VDC, surface mounted	67
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TTN3724RHS	Reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 3.7 m or 450 kg	41
TTN6024HS	Non-reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 6 m or 450 kg	41
TTN6024RHS	Reversible, 24 VDC, fast, with magnetic encoder, for swing gates with leaves up to 6 m or 450 kg	41
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TUB4000	Non-reversible motor for sliding gates up to 4000 kg, electromechanical limit switch, 400 VAC, with built-in D-PRO 500 control unit	126
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WA11	Barrier accessory, adjustable bar support	142

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WA13	Barrier accessory, aluminium rack, length 2 m, for WA1, WA21, WA22 bars	142
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WALKY2024BDKCE	Walky, kit for swing gates with leaves up to 1.8 m, bidirectional	85
WG3524HS	Non-reversible, 24 VDC, fast, with magnetic encoder, complete with articulated arm and integrated control unit	39
WAX	Ondo, table-top support for NiceWay, white plastic+Ice Blue rubber	193
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WCG	Go, mini cover for NiceWay, graphite	193
WCI	Go, mini cover for NiceWay, ice Blue	193
WCO	Go, mini cover for NiceWay, orange	193
WIA10	Wide attachment, swivel attachment	142
WIA11	Wide M accessory, Wide M articulated bar	142
WIA20	Wide accessory, spare control unit	143
WIDEL	Wide, electromechanical barrier raising system for bars up to 7 m, galvanised and painted steel case	140
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WIDEMI	Wide, electromechanical barrier raising system for bars up to 4 m, stainless steel case	140
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WM003C1G	Niceway, module to control 3 Step-by-Step automations and one Open-Stop-Close automation	192
WM003G	Niceway, module to control 3 Open-Stop-Close automation groups	192
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WM006G	Niceway, module to control 6 Open-Stop-Close automation groups	192
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WRA	Opla, rectangular wall plate, aluminium	193
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WRG	Opla, rectangular wall plate, graphite	193
WRS	Opla, rectangular wall plate, water green	193
WRT	Opla, rectangular wall plate, neutral transparent	193
WRW	Opla, rectangular wall plate, white	193
WSA	Opla, square wall plate, aluminium	193
WSB	Opla, square wall plate, black	193
WSG	Opla, square wall plate, graphite	193
WSS	Opla, square wall plate, water green	193

Code	Product category	Page
WST	Opla, square wall plate, neutral transparent	193
WSW	Opla, square wall plate, white	193
WWW	Ondo, wall support with magnetic fixing	193
XBA10	Accessory for barriers, swivel attachment for bars up to 4 m long	142
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XBA13	Accessory for barriers, bumper rubber	142
XBA14	Accessory for barriers, white painted aluminium bar 69x92x4150 mm	142
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XBA20	Spare control unit for S4BAR	143
XBA4	Barrier accessory, signal lights for plug-in mounting	142
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XBA7	Barrier accessory, flashing light for integrated installation in cover	142
XBA8	Barrier accessory, traffic light for integrated installation in cover	142
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Legacy list

Code	Product category
ERAPVIEW	Multifunction radio transmitter with intuitive graphic interface, to manage up to 99 devices singly or in groups
OVIEW	Control, programming and diagnostics unit for devices with Bus T4 connection
OVB T	O-View, Bluetooth module and software for PC, PDA or smartphone
OVB TGSM	O-View, GSM module and software for PC, PDA or smartphone
INB	Communication interface between BTICINO Bus (SCS) and Nice Bus (TTBus and BusT4)
OBOX2	Interface for "O-Box Software Suite", USB cable included
OBOX2B	Interface for "O-Box Software Suite", USB cable included and Bluetooth
ALA1	Battery charger power supply unit
CABLA01	Cable to connect the O-Box to the computer
CABLA02	Optical reader for programming Bio and FloR transmitters
CABLA03	Cable for cloning Very transmitters
CABLA04	Cable for cloning Bio and FloR transmitters
CABLA05	Cable for programming tubular motors, with TTBUS
CABLA06	Cable for programming SMX and OX universal receivers
CABLA07	Cable for cloning Ergo and Plano transmitters
CABLA09	Cable for cloning Era-Flor transmitters
TT2N	Miniaturised control unit for 230 VAC motor with integrated radio receiver
TT2D	Miniaturised control unit for 230 VAC lighting systems, with RX and switching module
TT2L	Miniaturised control unit for 230 VAC lighting systems, with RX
TTDMS	Recessed control unit with integrated radio receiver for electrical loads up to 250 W, ON/OFF and dimmer functions
TT1L	Control unit for lighting/irrigation systems, with radio receiver, IP55 protection
TT1N	Miniaturised control unit for 230 VAC motor, with radio receiver, IP55 protection

Code	Product category
TT1V	433.92 MHz frequency receiver, rolling code. For Venetian blinds. To control motors up to 500 W
ACNPS01	DIN module for NicePass access control
TTPCI	BusT4 – PC interface



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