



SOLUTIONS FOR AUTOMATIC DOORS





OPENING DOORS FOR A BETTER LIFE

The solutions for LABEL AUTOMATIC DOORS

are a comprehensive and modular answer for those who wish to install high-quality **sliding or swing**automatic doors.

The automations and finished entrances meet the most varied design requirements for areas with high or low pedestrian flow rates: hotels, shops, malls, recreational sites, museums, public spaces, offices, clinics, hospitals, houses, cruise ships and yachts.

The reliability of automations, the quality of materials and the effectiveness of the aftersale service are the reasons why **LABEL**[®] is now an established brand in over 50 countries all over the world.









LABEL ETERNA is a comprehensive range of automations designed to control the closing and opening of **sliding doors with leaves weighing between 90 kg and 200 kg.** Safety, elegance, quietness, smooth movement and simple installation make these automations suitable for all types of environments, such as malls, public and private offices, shops, airports and stations, coffee bars, restaurants, and health facilities.





6 W stand-by energy

consumption

0.26/0.32kWh

consumption for 1500 cycles/day, with clear opening ranging between 1400 mm and 2400 mm and leaves weighing between 70+70 kg and 150+150 kg







LABEL provides a wide and comprehensive range of catalogue components and a broad selection of complete doors covering the most varied access types.

SAFETY AND RESPECT FOR OUR PLANET ARE PARAMOUNT TO US

EN 16005; EN 13849-1; EN 13849-2; EN 61000-6-2; EN 61000-6-3; EN 60335-2-103; DIN 18650-1; DIN 18650-2



ETERNA SERIES | 70 | 90 | 150 | 200 | 300T |

LOW ENERGY CONSUMPTION GREEN POWER AUTOMATIONS

PRODUCT DESCRIPTION

The ETERNA automations, available in **5 models**, are equipped with a brushless motor coming with a 6-year warranty, ensuring high reliability and a long useful life, thanks to the absence of brushes. In the brushless motor, switching is entirely digital; this allows higher and smoother accelerations and speeds to be achieved, compared with traditional motors. They are designed with high-efficiency switching power supplies, ensuring extremely low power consumptions and unparalleled efficiency.

The brand-new T-NFC panel allows users to quickly set all parameters and to control the automation both through the touch display and using the Label apps.



COMPATIBLE WITH MYLABEL AND LABELTOOLS APPS, THROUGH THE NEW T-NFC.



LabelTools allows you to quickly program each automation, by setting the commands directly from your cellphone



UPLOAD/DOWNLOAD THE DATA FROM/TO THE CONTROL UNIT THROUGH THE BRAND-NEW T-NFC KEYBOARD



MyLabel keeps you constantly in touch with your customers: • manage the support requests;

- plan maintenance travels
- remotely monitor and edit many access parameters







1. TECHNICAL SPECIFICATIONS

Automation	ETERNA Sliding and Telescopic	
Loading capacity Single leaf	90 / 300 kg	
Loading capacity Double leaf	70 / 200 kg	
Clear passage	700 / 4000 mm	
Brushless Motor	\checkmark	
Automation dimensions (HxDxL)	100x135 mm x L. (max. 6500 mm) / 120x210 mm x L. (max. 6500 mm)	
Protection class	IP22	
Breakout System for Emergency Exit	\checkmark	
Number of cycles	4000/day (2 million operations)	
Contactless sensor	\checkmark	
Privacy kit	\checkmark	
LabelTools APP	\checkmark	
Colour	RAL	
Certifications EN16005 - ANSI/CAN UL325 - EAC - TUV SUD		

Range performance summary table

2. MATCHING PROFILES

The Eterna automation range can be combined with the different aluminium Label profiles for doors.

For the Eterna 70 and 90 automations we recommend the LB18 and LB35 profiles. Eterna automations can also be installed on doors with third-party profiles and leaves.





3. OPTIONAL

- > Breakout (except for Eterna 70)
- > Fail Secure / Fail Safe electric lock
- > Electric toggle lock (except for Eterna 70)
- > Activation and safety **sensors**
- > Touchless wall **sensor**.
- > OT-3S Elbow button.
- > Key selector.
- > Emergency mushroom **button**.
- > Activation **button** for emergency exits.
- > Microwave opening radar.

- > Emergency batteries
- > Relay module for additional functions (except for Eterna 70)
- > Anodized aluminium **keypads.**
- > Red/green **signaling light** to signal door state.
- > Remote controls, emergency batteries, and signal relays.
- > Privacy kit.

REVOLUS SERIES safe and reliable

LABEL REVOLUS is the range of automations designed to be **installed in escape routes,** adopting innovative technical solutions that provide safety, reliability and user-friendliness.

The redundant system for **the emergency opening** of the automatic door consists of a double brushless motor, coupled in a single enclosure, that provides greater reliability compared with the use of two separate motors.





6 W stand-by energy

consumption

0.26/0.32 kWh

consumption for 1500 cycles/day, with clear opening ranging between 1400 mm and 2400 mm and leaves weighing between 90+90 kg and 150+150 kg



1.7 Π. FOR OUTDOOR FOR INDOOR FOR HEAN FOR ESCAPE ROUTES



The automation complies with all the requirements provided for by standard EN 16005, having successfully passed all the tests prescribed for the doors installed in escape routes and emergency exits.

SAFETY AND RESPECT FOR OUR PLANET ARE PARAMOUNT TO US

Machinery Directive: 2006/42 EC Electromagnetic Compatibility Directive: EMC 2014/30/EU Low Voltage Directive: LVD 2014/35/EU TÜV SÜD Quality Certification: certificate no. G623





Label Automatic Sliding Doors

REVOLUS SERIES 90 | 150 | T |

REDUNDANT AUTOMATION FOR SLIDING DOORS

PRODUCT DESCRIPTION

An automation available in 3 models, designed to be installed in escape routes and manufactured adopting innovative technical solutions that provide safety, reliability and ease of installation.

The **redundant system** ensures that in the event of a failure of a component of the main part of the automation, the secondary part intervenes to carry out the emergency opening of the automatic door.

The electronic control unit is extremely compact and manufactured with latest-generation, highly reliable components.

The system uses a monitored lead battery to ensure that, should a failure occur, the **door opens within 5 seconds** in emergency mode.

The R-DSEL digital selector is a tool used by the installer to configure the automatic door operating parameters and by the user to select the door work program.









1. TECHNICAL SPECIFICATIONS

Automation	ETERNA Sliding and Telescopic
Loading capacity Single leaf	130 / 200 kg
Loading capacity Double leaf	90 / 150 kg
Clear passage	700 / 4000 mm
Automation dimensions (HxDxL)	100x135 mm x L. (max. 6500 mm) / 120x210 mm x L. (max. 6500 mm)
Brushless Motor	\checkmark
Protection class	IP22
For escape routes	\checkmark
Number of cycles	4000/day (1 million operations)
Double Input for internal radars	\checkmark
Emergency battery	\checkmark
R-DSEL digital selector	\checkmark
Colour	RAL
Certifications EN16005 - EAC - TUV	

Range performance summary table

2. MATCHING PROFILES

You can order a finished door with the Revolus automation you prefer, in the cut and machined or assembled version.

For those who wish to set up the door themselves, Label provides a wide range of EN AW-6060 aluminium alloy profiles, complying with the UNI EN 573 standards. They are designed to last, and made of a material featuring a low environmental impact, strong and resistant to the most varied weather conditions, even extreme.





3. OPTIONAL

- > R-WK Module to open the door from outside in case of blackout.
- > UR24 Relay module for additional functions.
- > Monitored Activation and Safety Sensors > Key selector.
- > Anodized aluminium keypads.
- > Electric lock.
- > Emergency opening button.
- > Red/green **signaling light** to signal door state.
- > Remote controls.

NEXT SERIES elegant and versatile

stand-by energy

consumption

The **LABEL NEXT** automation is designed to control the opening and closing of swing doors, where safety, quietness, and fluidity of motion are essential requirements.





Slow speed movement in order to reduce the force and the door kinetic energy according the EN16005 requirements.

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SAFETY AND RESPECT FOR OUR PLANET ARE PARAMOUNT TO US

- > Electromagnetic compatibility directive EMC 2014/30/EU
- > Standard EN 61000-6-2 / EN 61000-6-3

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- > Low voltage directive LVD 2014/35/EU
 > Standard EN 60335-2-103
 > Machinery Directive 2006/42/EC
 > Standard EN 13849-1 / EN 13849-2 / Category=2, PL=d
- >EN 16005
- > Standard ANSI/CAN/UL325
- > EN1634 (test report WF436685 for NEXT 120S)
 > DIN 18650-1; DIN 18650-2



NEXT SERIES 75 | 120S | 150 |

AUTOMATION FOR SWING DOORS

PRODUCT DESCRIPTION

LABEL NEXT is designed to control the opening and closing of swing doors, where safety, quietness, and fluidity of motion are essential requirements.

Thanks to their great versatility, these automations are ideal for shops, public and private offices, hospitals, nursing homes, surgeries, hotels, coffee bars, and restaurants. The automation system, which can operate swing doors weighing up to 150 Kg and with a leaf width of 1,000/1,500 mm, is equipped with a brushless motor fitted with an encoder, that further reduces consumptions, minimising wear and maximising durability.







1. TECHNICAL SPECIFICATIONS

Automation	NEXT Swing-type
Loading capacity Single leaf	75 / 150 kg
Loading capacity Double leaf	75 / 150 kg (x2)
Automation dimensions (WxHxD)	420x60x76 mm / 520x60x76 mm
Automation weight	3.1 / 8 kg
Clear passage	600 / 1500 mm
Brushless Motor	\checkmark
Protection class	IP32
For escape routes	\checkmark
Number of cycles	4000/day (2 million operations)
Privacy function	\checkmark
LabelTools APP	\checkmark
Colour	RAL
Certifications EN16005 - ANSI/CAN III 325 - EAC	- THV (for NEXT 75, pending for all

Certifications EN16005 - ANSI/CAN UL 325 - EAC - TUV (for NEXT 75, pending for all other models).

Range performance summary table

2. ARMS

The NEXT series arms are sleek, elegant but strong, and the multiple available types cover a wide range of opening methods.





3. OPTIONAL

- > Emergency batteries
- > Radioreceiver for door opening
- > Electromagnet/electric strike
- > Activation and safety sensors.
- > Touchless wall **sensor**.
- > OT-3S Elbow button.
- > Key selector.
- > Microwave opening radar.

- > Red/green signaling light to signal door state
- > Privacy kits for offices and toilettes
- > Anodized aluminium keypads.
- > Red/green **signaling light** to signal door state.
- > Remote controls and signal relays.

NEPTIS PLUS SERIES: efficiency and low consumptions

The **NEPTIS PLUS** automation system is perfect for outdoor and indoor use. The automation is equipped with high-efficiency switching power supplies, ensuring extremely low power consumption.

The **NEPTIS PLUS INVERS** model is equipped with a swing-operated opening system, for the extraction of smoke in case of fire or blackout.





6 W

stand-by energy consumption Low Energy function

Slow speed movement in order to reduce the force and the door kinetic energy according the EN16005 requirements.





SAFETY AND RESPECT FOR OUR PLANET ARE PARAMOUNT TO US

- > Electromagnetic Compatibility Directive: EMC 2014/30/UE
 > Standard EN 61000-6-2 / EN 61000-6-3
- Low voltage directive LVD 2014/35/EU
 Standard EN 60335-2-103
- > Machinery Directive 2006/42/EC
- > Standard EN 13849-1 / EN 13849-2
- >Category=2, PL=d >EN 16005
- > ANSI/CAN/UL325: File E520015



NB-LET NB-SLT NB-LETB NB-SLTB NB-SLP NB-SMT NB-SMTB NB-SMP NB-INVERS NB-INVERSB

AUTOMATION FOR SWING DOORS

PRODUCT DESCRIPTION

The new **NEPTIS PLUS** automation family is an upgrade of a Label best-seller.

Powerful and reliable, it is designed to optimise the energy use and ensure minimal consumptions and a long useful life even in case of challenging weather conditions and heavy duty.

Models for two-leaf door are equipped with a single casing tailor-cut to provide an excellent look meeting the requirements of the most demanding designers.

The opening and closing force and speed can be adjusted to ensure an excellent user experience.

The low energy function reduces the movement speed according to EN16005 and can be adjusted through the digital selector.







1. TECHNICAL SPECIFICATIONS

Automation	NEPTIS PLUS Swing-type	
Loading capacity Single leaf	120 / 300 kg	
Loading capacity Double leaf	120 / 300 kg (x2)	
Automation dimensions (WxHxD)	550x110x120 mm / 730x110x120 mm	
Automation weight	9.5 kg / 11 kg	
Clear passage	600 / 1500 mm	
Brushless Motor	\checkmark	
Protection class	IP31	
For escape routes	\checkmark	
Number of cycles	4000/day (1 million operations)	
Built-In battery pack included in models: NB-LETB, NB-SLTB, NB-SMTB, NB-INVERSB	\checkmark	
Privacy function	\checkmark	
LabelTools APP	\checkmark	
Colour	RAL	
Certifications EN16005 - ANSI/CAN UL 325 - EAC - TUV		

Range performance summary table

2. ARMS

The NEPTIS PLUS arms are designed to withstand significant stresses without compromising on design.

3. OPTIONAL

- > Emergency batteries
- > Radioreceiver for door opening
- > Monitored Safety Sensors.
- > Touchless wall sensor.
- > OT-3S Elbow button.
- > Key selector.
- > Microwave opening radar.
 - ET-DSEL selector
 - T-LESS: contactless sensor with LED indicating the door state

- > Electromagnet/electric strike
- > Anodized aluminium keypads.
- Red/green signaling light to signal door
- state.
- > Remote controls and signal relays.



T-NFC: digital selector compatible with the apps LabelTools and MyLabel



FLATSCAN: Sensor for complete protection of the door movement area

PROFILES FOR DOORS quality is in details

LBFL | LBFL Plus | LB18 LB35 | LB46 | LB50 LB50 Breakout

THE LABEL ALUMINIUM PROFILES are made of EN AW-6060 aluminium alloy, in accordance with Standard UNI EN 573. They are designed to last, and made of a material featuring a low environmental impact, strong and resistant to the most varied weather conditions, even extreme.

The flawless profile cut allows perfect junctions that enhance and simplify your work, whether you choose to use catalogue components or finished doors.

STANDARD OR CUSTOM FINISHES to

meet any customer request or specification requirement: profiles are supplied raw or with an anodized silver finish; you can request Standard RAL paintings, or Special samplebased RAL paintings.

A RANGEMEETING ALL DIFFERENT REQUIREMENTS

as to capacity and finish: from frameless doors to the heavyduty doors for malls and places with high pedestrian flow rates





- Glazing:
- Laminated safety glass
- EN ISO 12543.
- > Thermally toughened safety glass EN 12150.
- > Insulating glass
- EN 1279 from 33.2 to 55.2.
- > Glass milk white
- > Digital printing, screen printing
- > Smart-Glass
- (transparent/opaque function)

Finishes: profiles and casings > stainless steel-like > silver > RAL colours

Panels:

plate

> RAL painting,

stainless steel

> Digital printing (HPL)

- Profiles: > Extruded profiles in EN AW-6060 aluminium alloy in compliance with the Standard UNI EN 573.
- **> T5 or T6 finish** according to Standard UNI EN 515.
- > Dimensional tolerances and thicknesses according to the and/or UNI EN 755-9.
- > Flush system with fixed and
- > Slim standard profile; spacer suitable to install the lock.
- > Coupling with 90° cuts without profile butting.
- > Extruded gaskets according to specifications in EPDM.
- Snap-in glazing insertion, inner and outer border gasket.

8 100

LABEL FINISHED ENTRANCES ready-to-install quality





THE LABEL FINISHED ENTRANCES are produced with top-quality profiles and components, and are available for multiple door types.

- WIDE RANGE OF PROFILES for the different leaf types: - LB18 - for indoor use or environments where minimal footprint is required;
- LB35 for sleek and strong doors, featuring high resistance to shock and heavy-duty
- LB46 a lightweight and elegant system for temperature reduction and noise abatement;
- LB50 for contexts requiring extreme solidity.
- MANUAL OR AUTOMATIC DOORS; finished entrances can be complete with an Eterna series or Revolus series sliding automation, or with a Next series or Neptis Plus series swing automation.

THE CHOICE IS YOURS: the Label finished entrances are available in cut and machined or assembled versions.



SOLUTION ASSEMBLED DOOR THE DOOR IS SUPPLIED ASSEMBLED, AFTER BEING PREPARED ACCORDING TO THE SPECIFICATIONS LISTED IN THE ORDER. THE ASSEMBLED DOOR IS COMPLETE WITH PROFILES, GASKETS, AND ACCESSORIES NECESSARY FOR GLAZING AND INSTALLATION.



SOLUTION CUT AND MACHINED DOOR

THE CUT AND MACHINED DOOR IS SUPPLIED IN AN ASSEMBLY KIT, CUT AND MACHINED TO SIZE ACCORDING TO THE SPECIFICATIONS GIVEN AT THE TIME OF THE ORDER. THE KIT INCLUDES PROFILES, SEALS, AND ACCESSORIES NECESSARY FOR ASSEMBLY, GLAZING AND INSTALLATION.

1. SLIDING DOOR OPENING TYPES





Single Slide

Single Slide with side screen





Bi-Part Opening with side screen

2. TELESCOPIC DOOR OPENING TYPES



Single Slide 2-panel



4

Bi-Part Opening with side screen 3-panel

4

Bi-Part Opening 4-panel



Bi-Part Opening with side screen 6-panel



WE HAVE BEEN **ENVIRONMENTALLY** FRIENDLY FROM THE START and we want to open the door to a sustainable future

At Label we constantly develop new solutions to improve the energy performance of our products; today ALL LABEL AUTOMATIONS HAVE LOW ENERGY **CONSUMPTIONS**, and they provide some of the best environmental performances in the market. The Eterna automations feature an **ENERGY SAVING FUNCTION that**

decreases the energy consumption of the

building.

When this option is active, as soon as the sensor detects that the person has transited it stops the door opening action and starts the closing one, minimising heat loss.

To us, being Green is a value, that's why we affix on each automation a label certifying its energy efficiency.

Standby consumptior

Warranty on Brushless motor

Number of opening cycles

Energy-efficient operators

1,500 cycles/day consumption free passage = 1,400 mm (55^{1/2}) and 150+150 kg (331+331 lb) leaves weight

Tested 1,000,000 cycles (4,000 cycles/day)

0.32 kwh/day 118.63 kwh/year

6 w

6_{year}

WE ARE WHERE YOU ARE



distributors and installers

300,000 doors



DESIGN YOUR SPACES with the Label door solutions

THE TUV UNI-EN 9001:2015

CERTIFICATION attests that Label pays great attention to the production, assembly and supply procedures: a further proof that you have chosen the right partner for optimum results.



THE SUPPORTSERVICE FOR PROJECTS

AND TENDERS provides specialised technical support for calls for tenders and help with identifying the products that best meet the purchaser's needs, to increase competitiveness.

LABEL BIM

More and more clients request complete BIM (Building Information Modeling) projects to be admitted to open competitive bidding. The use of **BIM** conforms the design to international standards and facilitates the design phase reducing significantly

the design phase, reducing significantly the margin of error and the design time.

The BIM provides AECOs (architects, engineers, contractors and owners/ managers) with the right tools for more efficient, faster and more environmentally friendly building.



Access the Label BIM database. www.bimobject.com/it/label



INNOVATION IS AN OPEN DOOR

THE RELIABILITY OF AUTOMATIONS AND THE EFFECTIVENESS OF THE AFTER-SALE SERVICE ARE THE REASONS WHY LABEL IS NOW USED BY INSTALLERS IN OVER 50 COUNTRIES ALL OVER THE WORLD.

Discover other Label installations





Some places where Label doors are used every day

AIRPORTS RAILWAY STATIONS

т

88888

CROATIA - Pola

THAILAND - Bangkok Don Mueang International Airport

ITALY - Reggio Emilia High speed station

SHOPPING MALLS SHOPS CHINA - Hong Kong

ITALY - Bergamo

Coop supermarket

ITALY - Carpenedolo (Brescia)

ITALY - Trento

ITALY - Curno (Bergamo) Mondo Convenienza

ITALY - Milan Commercial Center San Giuliano

HOSPITALS, NURSING AND REST HOMES HEALTH FACILITIES

SAUDI ARABIA - Al Khobar Medical Center - Al Khobar

SAUDI ARABIA - Riad Prince Medica Sultan **BELGIUM**

Pantheon Clinic Diest

EAU - Abu Dhabi Gmc - Fujairah

EAU - Abu Dhabi Ibin Sinha Hospital

EAU - Ajman Gmc - Hospital

EAU - Dubai Ginecology E Fertility Clinic

EAU - Dubai Gmc - Dubai Main Block

EAU - Dubai Medcare Hospital Sharjah

EAU - Dubai Thumbay Hospital

EAU - Dubai Zayed Military Hospital

EAU - Dubai Zuleka Hospital

ISRAEL Kirvat Atidim - Tel Aviv Raphael Hospital

ISRAEL - Ramat Gan Naara Medical Center

JORDAN - Amman

MOROCCO - Casablanca <u>Je</u>rrada Hospital

MOROCCO - Marrakech

QATAR - Doha Mazaya Medical Trading Alsaad

CZECH REPUBLIC - Kladno Kladno Hospital

CZECH REPUBLIC - Melnik Hospital Polyclinic Melnik **ROMANIA - Bucarest**

ROMANIA - Bucarest Marie Curie Hospital

ROMANIA - Cornu Swiss Caps

ROMANIA - lasi Cardiology Hospital Ias

ROMANIA - lasi Oblu Hospital

ROMANIA - lasi

ROMANIA - Suceava Suceava Emergency Hospital

RUSSIA - San Pietroburgo Scandinavia Clinic

SINGAPORE Sengkang General Hospital

TRINIDAD & TOBAGO Fortin General Hospital

HUNGARY - Budapest Duna Medical Center

ZAMBIA - Lusaka Maina Soko Hospital

ITALY - Arezzo Calcit Hospital

ITALY - Baggiovara (Modena) **Civil Hospital ITALY** - Bolzano

Reha Clinic **ITALY - Bolzano**

ITALY - Brescia Poliambulanze

ITALY - Cagliari Sant'Antonio Hospital **ITALY - Firenze** Santa Maria Annunziata Hospital

ITALY - Genova Ospedale Policlinico San Martino

ITALY - Latina Santa Maria Goretti Hospital

ITALY - Milano San Raffaele Hospital

ITALY - Olbia Private Clinic

ITALY - Padova Veterinary University Animal Unit

ITALY - Pavullo nel Frignano (MO)

ITALY - Peschiera del Garda (VR) Pharmacy Antibacterial department

ITALY - Pozzilli (Isernia) Neuromed Neurologic Institute

ITALY - Roma

ITALY - Roma San Camillo Hospital

ITALY - Roma Umberto Iº Hospital

ITALY - Roma Policlinico Gemelli Private business

ITALY - Roma Policlinico Gemelli Hysteroscopy

ITALY - Varese Filippo del Ponte Hospital

ITALY - Verduno (Cuneo) Alba Brà Hospital

ITALY - Vicenza San Luca Medical Centre

ITALY - Vicenza San Bortolo Hospital

AMUSEMENT PARKS SPORTS FACILITIES CINEMAS

SINGAPORE Ferris wheel

ITALY - Firenze Cinema The Space

Fair - EXPO 2015

PUBLIC AND PRIVATE OFFICES

AFGHANISTAN - Kabul Parliament Building





ITALY - Milano



INNOVATION IS AN OPEN DOOR



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