PORTALP RS

Connected automatic sliding doors

Innovative
Connected
Versatile

ORIGINE
FRANCE
GARANTIE ®

AFNOR Cert. 87829

PORTALP RS
A NEW GENERATION
OF AUTOMATIC DOORS
designed for a user friendly experience

PORTALP
Automatic Doors & Building Access Control

PORTALP RS

Innovation and performance

The PORTALP RS range comprises both sliding and telescopic doors and features a compatible and very versatile design (in terms of its configuration, programming, choice of colors, finish and accessories, etc.) that makes it suitable for all scenarios.

PASSAGE WIDTH
Up to 4500 mm

COMPACT HEADER
Height 120mm

INTUITIVELY
CONTROLLED FROM
your smartphone

SWITCHED-MODE POWER SUPPLY (SMPS)
Independent of input voltage, noise filtration and low consumption

BRUSHLESS MOTOR
Long lifespan, silent operation, smooth and secure leaf control

ELECTROMECHANICAL LOCKING
Built into the mechanism to firmly lock the leaves

2 SEPARATED CAN BUSES
- SAFETY BUS (radars and infrared curtains)
- FIELD BUS (peripherals, input/output cards)
Easier wiring, constant communication, faults detection

1 NETWORK BUS
Doors synchronization, doors control and monitoring via Ethernet.

PASSAGE PRESENCE SAFETY
Combined-technology sensor: radar technology for the door activation and infrared technology for the user protection

OPENING PRESENCE SAFETY
Active infrared curtains to protect users in the leaf movement area during opening.

A UNIVERSAL DESIGN TO SUIT ANY PU
A highly modular design for quick installation and easy ma

CONTROLS
- Smartphone
- NAVIBLU console / Infra
- Contactless switches
- Radio switches (wireless)
- Emergency door release

EMERGENCY EXIT
Mechanical or electrical en
opening in the event of an
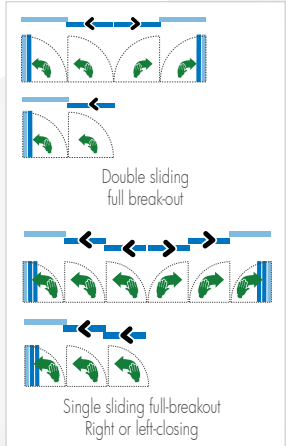EN16005-compliant - Emer

TRACK
Rail on silent block for silent

EMERGENCY BATTE
Backup in the event of a po

EXTENDER BOARDS
Configurable inputs/output
customize your door environ

THE ✚

- Compact universal drive
- Door status and information display (faults, history, counter, etc.)
- Ease of operation
- Rapid implementation
- Low power consumption
- Complies with current standards and EN16005 (user safety)

CONFIGURATIONS

Bi-part sliding

Double telescopic

Double 3-leaf telescopic

Single sliding
Closing to the right or left

Single telescopic
Closing to the right or left

Single 3-leaf telescopic
Closing to the right or left

Double sliding
full break-out

Single sliding full-breakout
Right or left-closing
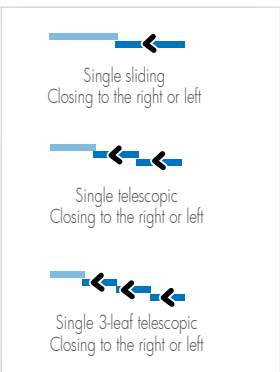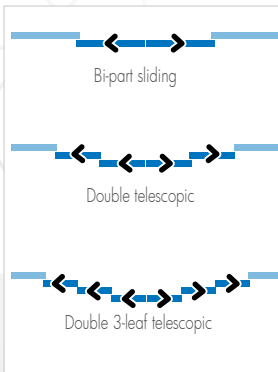
Control the door from your smartphone

- Clear display in your language
- Intuitive navigation
- Direct modes selection
- Easy user settings
- Bluetooth, Low Energy

Creation of virtual keys for each user

Up to 32 users per door

4 user-configured functions

Faults reporting

Autodoor Pilot
App secured using digital keys (Portalp encryption)

Android or iOS

1 APPLICATION
4 CONTROL FUNCTIONS

Modes selection
Auto, Entry, Exit, Open, Closed, Manual
Small opening, large opening, safety opening,
Auxiliary control

Automatic opening control

Locking/unlocking

Priority opening

URPOSE
aintenance

ed remote control

ergy reserve for
emergency.
rgency exit

r movement

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Create your door

Portalp offers a variety of leaves to meet all your requirements.

- Frame style and finish
- Glazing performance
- Space restrictions (wide or narrow)
- Installation restrictions (facade, ceiling height, etc.)
- Built-in manual locking/unlocking

LEAVES

Various glazing types (single, double or triple-insulation, anti-intrusion, etc.) in thicknesses of up to 26 mm are available depending on the range.

Frame profiles are mounted using a dry glazing rubbers that allows the glazing to be changed quickly.
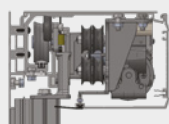
LUMINA
All-glass

LUMINA
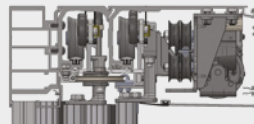Slimline profiles

G25 range

G38 range

G50 range
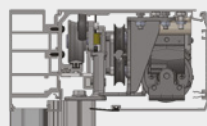Thermal break profiles

HEADERS

Header choice will depend on the chosen configuration and the weight of the leaves.
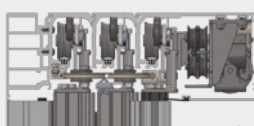
Standard header 120 x 197 mm

Telescopic header 120 x 296 mm

Reinforced header 120 x 236 mm

3-leaf telescopic header 120 x 357 mm

PORTALP RS FEATURES

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MECHANICAL		SLIDING	2-LEAF TELESCOPIC	3-LEAF TELESCOPIC
Installation		Surface-applied / Between walls[1] / on posts[1]		Surface-applied /on posts[1]
Structure		Aluminum	Aluminum	Aluminum
Header	Surface-applied	H120 x 197 mm	-	-
	Reinforced	H120 x 236 mm	H120 x 296 mm	H120 x 357 mm
Min./max. passage width[2]	Single	700 mm / 1800 mm	800 / 3600 mm	1400 / 4500 mm
	Double	750 mm / 3400 mm	1400 / 4500 mm	2100 / 4500 mm
Max. passage height[2]		3100 mm	3100 mm	3100 mm

PERFORMANCE			
Max. leaf weight	1 x 250 kg / 2 x 200 kg	2 x 90 kg / 4 x 70 kg	3 x 70 kg / 6 x 50 kg
Opening speed	Single: 10 to 80 cm/s - Double: 20 to 160 cm/s		
Closing speed	Single: 10 to 80 cm/s - Double: 20 to 160 cm/s		
Delay, hold-open time	1 to 60 s		
Opening force	5.5 to 15 daN		
Closing force	5.5 to 15 daN		
Endurance (door durability)	up to 4000 cycles/day (intensive use)		

[1] Refer to charts   [2] According to special realisations or configurations, please contact us

ELECTRICAL ENVIRONMENT

Switched-mode power supply (SMPS)	Main 50-60Hz, 100-230V ±10% with earth ground and circuit breaker protection
Max./average absorbed power	70W/35W
Motor voltage / Emergency battery	40 Vcc/12 Vcc (2.1A.h)
Relative humidity level	10% to 93% without condensation
Operating temperature	-20°C/+60°C - EN16005-compliant emergency exit doors[3]:+5°C/+40°C

[3] According to configurations, please contact us

STANDARDS

European directives	Electromagnetic compatibility: directive 2014/30/UE, Machinery : directive 2006/42/EC, Radio : directive 2014/53/UE
EN 61000-6-3	EMC: emission for residential, commercial and light industrial environments.
EN 61000-6-2	EMC: immunity for industrial environments.
EN 60335-1/-2-103	Safety of household and similar electrical appliances.
EN 16005	Motorized pedestrian doors: user safety
ANSI 156-10	Automatic pedestrian doors
NFPA 101	Life safety code
UL 325	Power door operators
FCC part 15	Unintentional radiators

MOBILE APP

Connectivity	Low Energy Bluetooth 4.0 mini
Application	Smartphone-based control using the Autodoor Pilot app Door status, mode selection, passage width adjustment, controlled opening/closing, priority opening, fault history, language selection, clock, etc.
Platform	iOS9 or above | Android 5.0 or above

EQUIPMENT / CONTROLS / SAFETY FEATURES /FINISHES

Emergency battery backup	●	NAVIBLU CAN control console	○
Electromechanical locking	○	Infrared remote control combined with NAVIBLU	○
Manual inside unlocking	○	6-position key selector (with reset)	○
Manual outside unlocking (on fixed or jamb)	○	Inputs module (NO/NC/Frequency)	○
Fail safe lock	○	Outputs module (2 relays)	○
Motorized security lock	○	Floor guide rail	○
Motorised emergency exit - dual motor (EN 16005)	○	Multi-part header	○
Bungee system (IME-CO48)	○	Header locking by key	○
Interlock module	○	PPC Ral finish, silver anodized, anodized color	●
In & Out radar (NO, NC, monitored) / Outside radar (NO, NC)	○	Special coating (on request)	○
Open/Closing safety sensors (NO, NC, IR curtains)	○		

● Standard   ○ Optional