

# PORTALP RS

Connected automatic sliding doors



Innovative  
Connected  
Versatile

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





# 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**

## 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)

### 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

**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 PURPOSE**  
A highly modular design for quick installation and easy maintenance

#### CONTROLS

- Smartphone
- NAVIBIU console / Infrared remote control
- Contactless switches
- Radio switches (wireless)
- Emergency door release

#### EMERGENCY EXIT

Mechanical or electrical energy reserve for opening in the event of an emergency.  
EN16005-compliant - Emergency exit

#### TRACK

Rail on silent block for silent movement

#### EMERGENCY BATTERY

Backup in the event of a power loss

#### EXTENDER BOARDS

Configurable inputs/outputs modules to customize your door environment

## 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

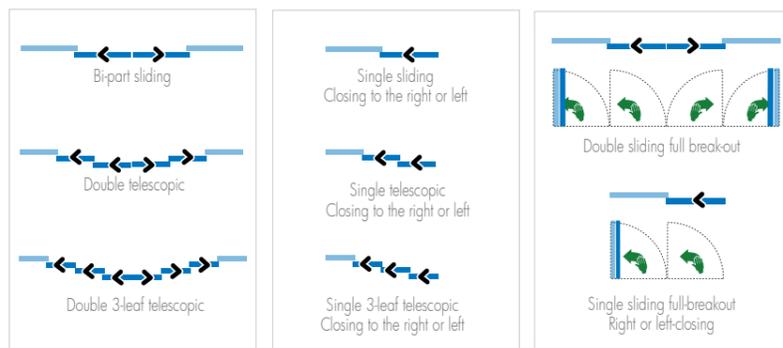
G38 range

G50 range Thermal break profiles

## 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

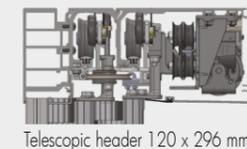


### HEADERS

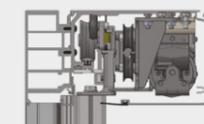
Header choice will depend on the chosen configuration and the weight of the leaves.



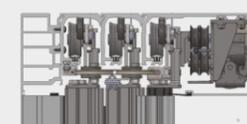
Standard header 120 x 197 mm



Telescopic header 120 x 296 mm



Reinforced header 120 x 236 mm



3-leaf telescopic header 120 x 357 mm

MECHANICAL	SLIDING	2-LEAF TELESCOPIC	3-LEAF TELESCOPIC
Installation	Surface-applied / Between walls <sup>(1)</sup> / on posts <sup>(1)</sup>		Surface-applied / on posts <sup>(1)</sup>
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 <sup>(2)</sup>	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 <sup>(2)</sup>	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)		

<sup>(1)</sup> Refer to charts <sup>(2)</sup> 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 <sup>(3)</sup> :+5°C/+40°C		

<sup>(3)</sup> 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	○
Bungee system (IME-CO48)	○	Multi-part header	○
Interlock module	○	Header locking by key	○
In & Out radar (NO, NC, monitored) / Outside radar (NO, NC)	○	PPC Ral finish, silver anodized, anodized color	●
Open/Closing safety sensors (NO, NC, IR curtains)	○	Special coating (on request)	○

● Standard ○ Optional



AENOR Cert. 87829



Certified Management System



[www.portalp.com](http://www.portalp.com)

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