

# 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



### 1 APPLICATION 4 CONTROL

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)

### FUNCTIONS Modes selection

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

**Automatic opening control**  
**Locking/unlocking**  
**Priority opening**

A UNIVERSAL DESIGN TO SUIT ANY PURPOSE A highly modular design for quick installation and easy maintenance

#### CONTROLS

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

#### EMERGENCY EXIT

Mechanical or electrical energy reserve 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

**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.



## 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

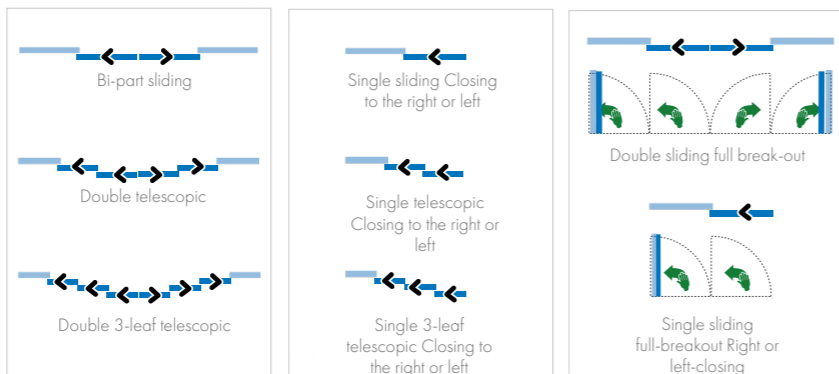
G38 range

G50 range Thermal break profiles

## THE +

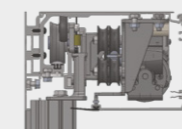
- Compact universal drive
- Door status and information display (faults, history, counter, etc.)
- Ease of operation
- Rapid implementation
- Low power consumption
- Complies with current standards and EN16005 (user safety)

## CONFIGURATIONS

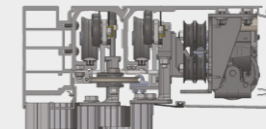


### HEADERS

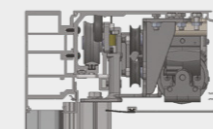
Header choice will depend on the chosen configuration and the weight of the leaves.



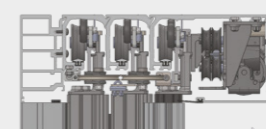
Standard header 120 x 197 mm



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
Min./max. passage width <sup>(2)</sup>	Single	700 mm / 1800 mm	1400 / 4500 mm
	Double	750 mm / 3400 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. iOS9 or above
Platform	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



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