

# PORTALP RS

Connected automatic sliding door



Innovative  
Connected  
Versatile

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



# 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 177"

COMPACT HEADER  
Height 4.7"

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 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 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

## Control the door from your smartphone

- Clear display in your language
- Intuitive navigation
- Direct selection mode
- 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**

## 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 1" are available depending on the range.

Frame profiles are mounted using a dry glazing gasket that allows the glazing to be changed quickly.

LUMINA  
All-glass

LUMINA  
Slimline profiles

G25 range

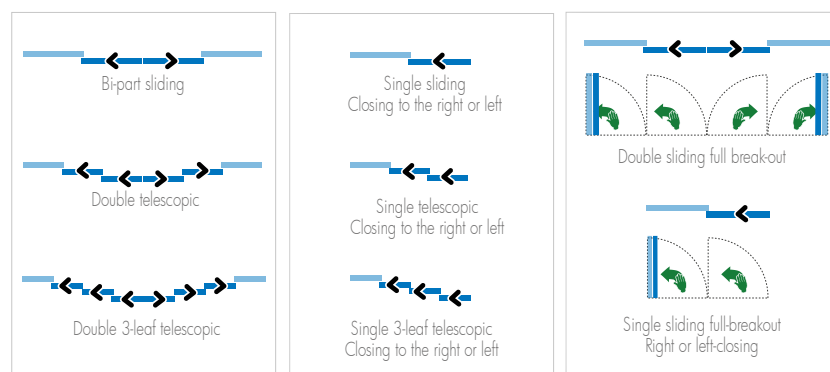
G38 range

G50 range  
Thermal bridge break

## THE +

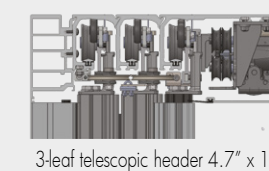
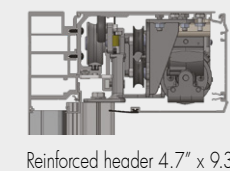
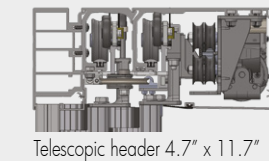
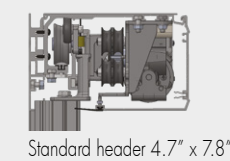
- Compact universal drive
- Door status and information display (faults, history, counter, etc.)
- Ease of operation
- Rapid implementation
- Low power consumption
- Complies with current standards and EN16005 (user safety)

## CONFIGURATIONS



### HEADERS

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



MECHANICAL		SLIDING	2-LEAF TELESCOPIC	3-LEAF TELESCOPIC
Installation		Surface-applied / Between walls <sup>(1)</sup> / Against posts <sup>(1)</sup>		Surface-applied / Against posts <sup>(1)</sup>
Structure		Aluminum		
Header	Surface-applied	H4.7" x 7.8"	-	-
	Reinforced	H4.7" x 9.3"	H4.7" x 11.7"	H4.7" x 14"
Min./max. passage width*	Single	27.5" / 70.9"	31.5" / 141.7"	55.1" / 177.2"
	Double	29.5" / 133.9"	55.1" / 177.2"	82.7" / 177.2"
Max. passage height*		122.1"	122.1"	122.1"

## PERFORMANCE

Max. leaf weight	1 x 551 lbs / 2 x 440.9 lbs	2 x 198.4 lbs / 4 x 154.3 lbs	3 x 154.3 lbs / 4 x 110.2 lbs
Opening speed	Single: 3.9 to 31.5 in/s - Double: 7.9 to 63 in/s		
Closing speed	Single: 3.9 to 31.5 in/s - Double: 7.9 to 63 in/s		
Delay, hold-open time	1 to 60 s		
Opening force	12.4 to 33.7 lbf		
Closing force	12.4 to 33.7 lbf		

<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	-4°F/+140°F - EN16005-compliant emergency exit doors <sup>(3)</sup> :+41°F/+104°F

<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	Bluetooth, Low Energy 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 (EMICO48)	○	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



AFNOR Cert. 87829



Certified Management System



Head office: PORTALP - 4 Rue des Charpentiers - 95330 Domont - France