

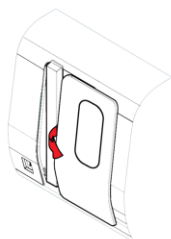


Providing safe  
and convenient  
access for all



# ESSP1

**Electrical Special Sliding Plug mechanism**  
*Door mechanism*

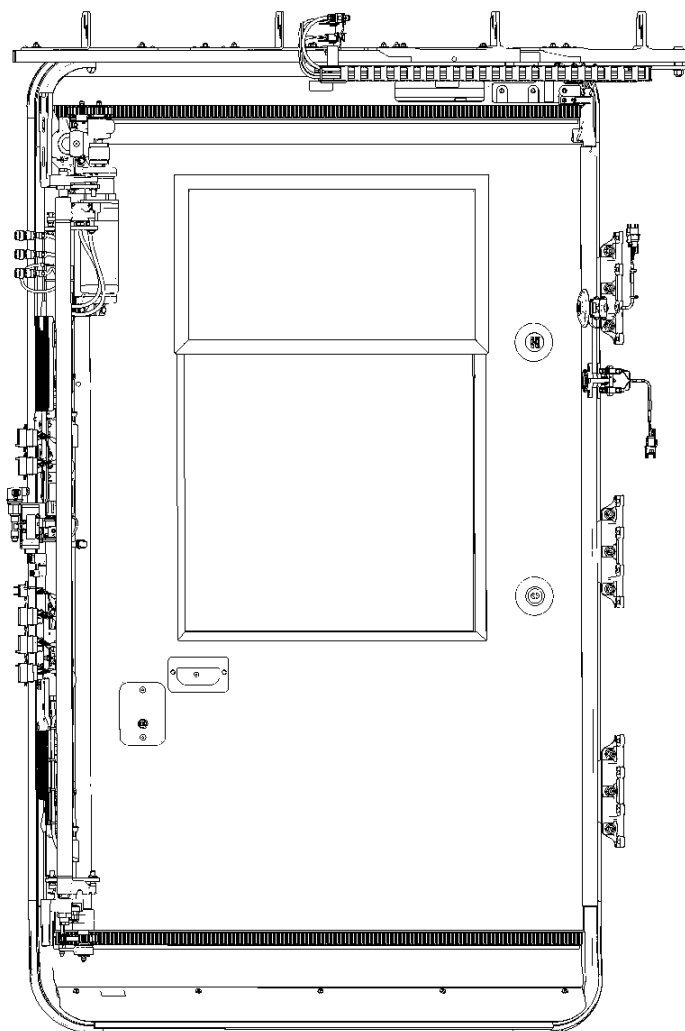


**Sliding plug  
with vertical  
mechanism**

**A mechanism designed  
for**



**High-speed trains**



## CUSTOMERS BENEFITS:

### + Demonstrated reliability

- Over **15 000** in service worldwide

### + High level of safety and comfort

- Inflatable seal ensure **complete tightness**
- Suitable for heavy loads: up to 7000 Pa

### + Compact design

- **Vertical integration**
- Easy integration for double deck

	Technical characteristics	
	Simple design	Reinforced design
Resistance to pressure wave	≤ 4500 Pa	4500 to 7000 Pa
Mechanism weight	Stabilizer: 30 kg Door lock unit (1 lock): 9 kg	Stabilizer: 35 kg Door lock unit (2 locks): 16 kg
Freeway	750 to 1200 mm	
Distance between pillars	freeway + 270 mm	
Plug movement	75 mm	
Acoustic attenuation	For complete door system: up to 32 dB	
Air tightness	Inflatable seal: Equivalent leakage: 0,5 cm2 acc.EN14752-C.3	

Note: These data are given only for information. For any specific requirement, please contact Wabtec.

To discover everything **ESSP1** can do, contact:

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