

# Sliding Door Operator

## ASSA ABLOY SL521

**ASSA ABLOY**  
Entrance Systems

Experience a safer  
and more open world



The modular telescopic sliding door ASSA ABLOY SL521 enables upgrades and add-ons when you want to move your business forward.

### Sustainable Entrances

You can be sure that your entrance suits your people flow as well as your environmental footprint. To make your entrance more sustainable we can offer you different solutions as: additional sealing (ASSA ABLOY TightSeal), sustainable drive mode, intelligent opening width depending on traffic, timer settings and more.

### Safety first

To permit safe passage between closing doors, the doors go into reverse mode if an obstruction is detected, and then start moving again slowly to check if the obstruction has cleared. If an obstruction is detected during opening or between opening doors and surrounding walls or interior fittings, the doors immediately stop and then close after a time delay. The speed and force of the doors can be customized to optimize safety. For optimum safety and user convenience, use a monitored ASSA ABLOY presence-detection system.

### Security

Choose your security level by adding different features. Unwanted guests are not an issue for the ASSA ABLOY SL521 through the use of different

### Technical specifications

Operator dimensions	120 mm x 265 mm (height x depth)
Power supply	100-240 VAC $\pm$ 10% 50/60 Hz
Power consumption	max. 250 W
Recommended maximum door weight (non escape route without break-out)	
ASSA ABLOY SL521-2	150 kg/leaf
ASSA ABLOY SL521-R/L	150 kg/leaf
Recommended maximum door weight (escape route without break-out)	
ASSA ABLOY SL521-2	150 kg/leaf
ASSA ABLOY SL521-R/L	50 kg/leaf
For low energy movement	75 kg/leaf
Clear opening width (COW)	
ASSA ABLOY SL521-2	1900 – 4000 mm
ASSA ABLOY SL521-R/L	1100 – 4000 mm
Contact local sales representative for other dimensions.	
Open and closing speed	up to 1.2 m/s (bi-parting) variable
Hold-open time	0 – 60 s
Ambient temperature	-20°C to +50°C
Relative humidity (non-condensing)	max. 85%

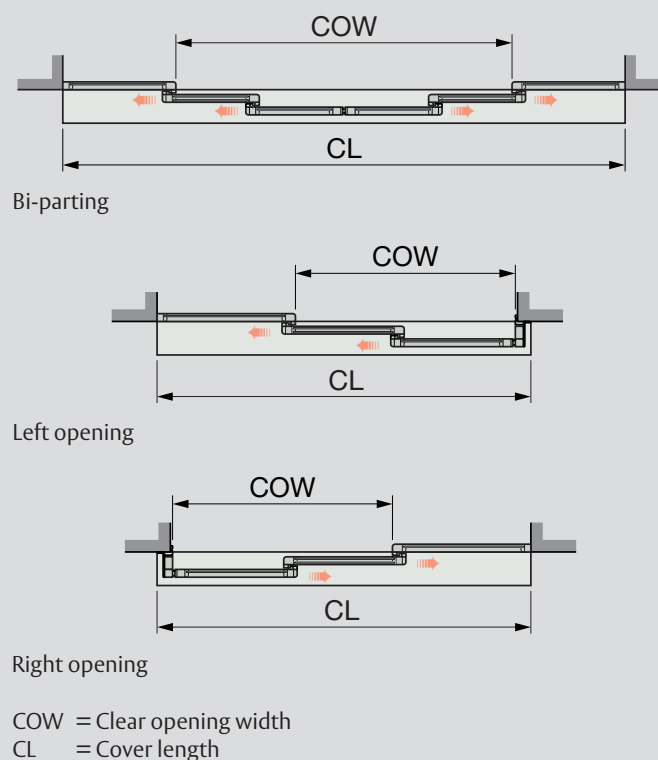
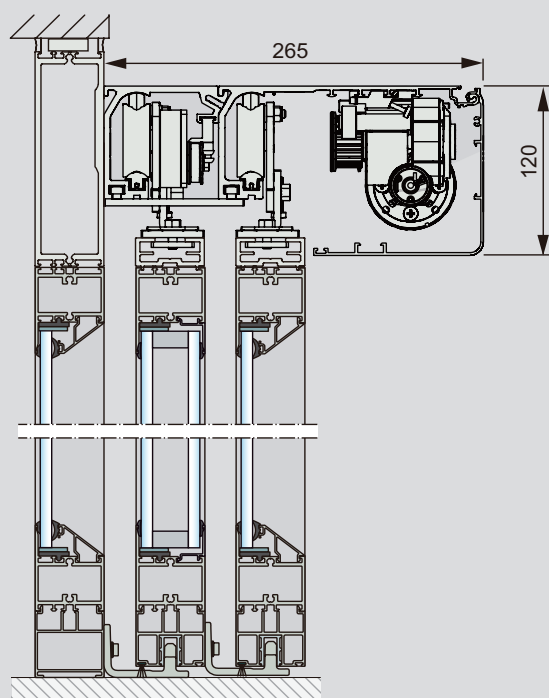
locking devices. The operation mode selector can be set to meet your security needs during and outside business opening hours. Interlocking facilities further enhance the security level.

### Service and maintenance for your convenience

Ensure that you are one step ahead of breakdowns via maintenance indicators and automated diagnostics, or let us handle your maintenance via ASSA ABLOY Entrance Systems' tailored maintenance programs.

### Break-out function

Enable the door leaves and side screens to be pushed open manually and swing outwards in case of an emergency situation. This is achieved by applying pressure at the front edge of door panel and side screen and the panels will open in the escape direction.



### New generation of telescopic operators

The modular ASSA ABLOY SL521 optimizes maximum opening width for your automated entrance. Suitable for both small and big entrances. The ASSA ABLOY SL521 further improves the aesthetics of your automated entrance thanks to its innovatively silent design that use double plastic wheels and the replaceable aluminum track is rubber dampened to reduce noise in the operator. It is extremely robust and can handle up to 4 x 150 kg to allow for maximum utilization-ensuring optimal uptime, convenience and appeal to pedestrians.

### Models

**ASSA ABLOY SL521-2** - Four leaves, bi-parting, with or without break-out

**ASSA ABLOY SL521-R/L** - Two leaves, single-slide, right or left-opening, with or without break-out

### Standard equipment

Cover: clear anodized aluminium  
Support beam with transmission  
Electronic control unit with plug-in connections and power supply

### Accessories and options

Cover: Other anodizing options or painted in RAL colours  
Door adaptor for doors up to 65 mm thick from other suppliers  
Traffic-controlled opening width  
Synchronizing of two operators  
Operation mode selectors  
Electronic emergency opening or closing unit  
Break-out door  
Emergency button  
ASSA ABLOY motion and presence sensors  
Electrical locking devices  
Interlocking between operators  
Key switch  
ASSA ABLOY automatic door systems  
Escape route according to CO48 (France). In event of a power failure, the door can be opened with the built-in elastic cord.

This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!