

Technical Data Sheet

ASSA ABLOY SL500 EX-SL

ASSA ABLOY
Entrance Systems

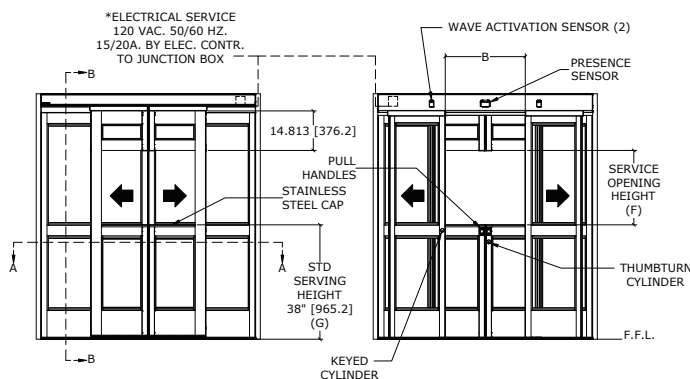
Experience a safer
and more open world



The ASSA ABLOY SL500 EX-SL is designed for use in quick serve operations. The door remains closed and electronically locked when not in use. An automatic window feature is achieved through your choice of activation. When the lock is unlatched, the express slide doors conveniently slide open to allow for convenient pass through of goods.

Configurations

	Narrow
Vertical Stiles	2-1/8"
Bottom Rails	10"
Muntin Bars	4"



Exterior Elevation
SL500 EX-SL Bi-Part

Interior Elevation
SL500 EX-SL Bi-Part

Not for use as an Accessible Means of Egress

Features

- Complies with ANSI/BHMA A156.38 Standard for Low Energy Power Operated Sliding and Folding Doors.
- UL 325 listed.
- Trained Traffic Only. Not for public use.
- Non panic configuration.
- Functions as pass through window with express slide doors closed, employee pass through with express slide doors open.
- Slide C-panel express doors – spring open/lock closed.
- Inverted concealed floor tracks to eliminate floor level gaps where food and debris can accumulate.
- Easy-to-clean – no lubrication required.
- Stainless steel express window sill.
- No visible external locks.
- Patent pending design.



Patent-pending design application #17/955799

Bi-Parting Narrow Stile		
	Min	Max
Frame Width	84"	96"
Clear Opening	30"	36"
Mounting Height	89-3/4"	96"

Operator Type	DC Electro-mechanical ¼ HP
Door Width	Max 24-3/8"
Door Weight	300 lbs. max
Power Supply	85V – 265V adjusting automatically
Power Consumption	250W
AMP Requirements	A maximum of 3 amp draw, allowing 5 operators on one 20 amp circuit
Electro-mechanical locking device	Fail Safe
Glass stops	¼" sloped, 5/8", 1"
Opening Time	1.5 Sec
Closing Time	3.5 Sec
Hold Open Time	0-60 adjustable
Ambient Temperature	-31°F to 122°F (-35°C to 50°C)
Usage	This product can be installed internally or externally with suitable weather protection
Complies and exceeds	ANSI/BHMA A156.38, UL325, CUL – Approved for use in Canada NFPA 70 – National Electrical Code

Aesthetics

Anodized Finish:

Clear, Dark Bronze.

Painted Finish:

Powder coat painted to match architect's sample.

Kynar finish to match architect's sample.

Standard Features

- Bi-part configuration.
- Narrow stile.
- 4" muntin bars.
- 10" bottom rails.
- Surface applied sweeps.
- Fail-safe electric locks.
- Air curtain interface.
- Security switch.
- Position switch (3 position or 5 position).
- Lock with thumb turn or lock with removable core cylinder.

Optional Features

- Battery back-up.

Knowing Act Activation

- Push or wave plates to activate door.
- Presence detectors.

Push/Wave Plates

- Your choice of wave or push plates offered in stainless steel or black finish.
- Quantity of wave/push plates – per our selection of 1 – 4.

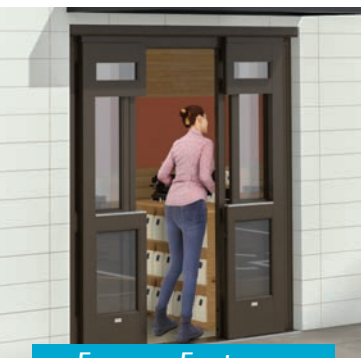
Presence Detection - Interior

- SP81 & SA 81 Overhead Sensor.
- SP36 Overhead Sensor.
- SP56 Overhead Sensor.
- SP81 Overhead Sensor.

Presence Detection - Exterior

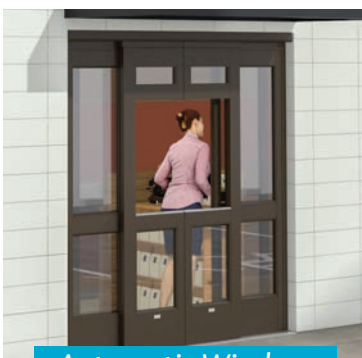
- SP36 Overhead Sensor.
- SP56 Overhead Sensor.

How it works:



Express Features

Express doors self-open when unlocked, providing an automatic door opening that allows employees to enter and exit conveniently.



Automatic Window

Here, the sliding express doors remain closed, while the SL500 door opens automatically as needed. This creates an automatic window. In window mode, express doors must be manually closed and locked.



Closed Door

The door remains closed and electronically locked when not in use. When interior activation is required, simply open your SL500 EX-SL via motion activation or key FOB/card reader from the exterior.