

Speedgate

ASSA ABLOY SG600 Series

Security entrance control



The most stylish speedgate going

Strengthen your building's access control with an elegant and compact swing speedgate, specially created for monitoring and deterring unauthorised traffic.

Speedgate SG600 from ASSA ABLOY is a dependable and stylish solution for regulating the people flow in and out of your building. With a 24V motor powering its fast-opening, hidden barrier wings (made of 8/10 mm tempered glass by default), it's a highly effective entryway that can monitor and block unwanted access as/if necessary, significantly contributing towards a steady level of safety and security in your environment.

The gate's galvanised coated steel frame and stainless steel housing panels, together with its 10 mm tempered glass top lid and side panels, as well as illuminated indication pictograms, make it a sleek, high-quality addition to your building's entryway. What makes it stand out from our other solutions, however, is its intuitive Access Control Integration, working easily with any access control system through dry contact or COM ports.

You can even choose to customise the gate's top lid, with optional cuts available for surface mount readers, reader holders or stands (as well as standard or custom-designed posts for access controller integration). Just let us know what you need.



Design Specifications

Construction	Steel
Passage width	500 mm (SG 600) / 900 mm (SG 605)*
Cabinet size (WxLxH)	254 x 971 x 998 mm
Weight	85 kg
Power supply	100 – 240 VAC, 50 / 60 Hz
Logic voltage	24 VDC
Operation temperature	-20 °C / +70 °C
IP protection	Cabinet IP44
Mean cycles before failures (MCBF)	8.000.000
Opening and closing times	0.8 to 1.5 sec
Card reader (WxLxD)	100 x 120** x 60 mm

* Non-EN 17352 Compliant

** Up to 170 mm length available (by request)

Options and accessories

- Black, bronze or gold coloured stainless steel finish
- Acrylic barrier wings
- Company logo on barrier wings
- Powder coated housing panels in RAL colour
- Stainless steel base plate
- Access controller integration brackets (on demand)
- Card reader and scanner (depth-adjustable)
- Backup battery

Experience a safer and more open world



SG600

Customizable settings

The SG600 speedgate has a logic-controlled interface and operates bi-directionally. Entrance and exit directions can be individually set as controlled, locked, or free rotation. After the release, the blocks itself after an adjusted time if no transition or passage occurs. If people from both directions would like to pass through simultaneously, the first person who activates the comes first.

Controlled access

When in controlled access mode, after the release confirmation sent by the access control system, the gate opens the barrier wings and enables one-person access. After each person, the barrier wings block passage again, and does not permit access from entrance or exit directions until receiving a new release signal from the access control system.

Multiple openings

An additional person is able to use the next passage cycle during an ongoing passage cycle in both directions. The controller stores up to 255 releases, and can allow the same amount of individuals to pass through.



SG605

Different security responses

During a security threat or other related incidents, the gate can respond in multiple different ways:

1. Acoustic alarm only (without blocking the lane)
2. Wings closing immediately and blocking the lane* (without an acoustic alarm)
3. Wings closing immediately and blocking the lane*, as well as acoustic alarm

* Please note: if the lane is blocked during a tail-gating attempt or someone going the wrong way, the gate's wings can potentially injure the person in question.

Emergency and power outage modes

In the event of an emergency, the gate opens the barrier wings automatically (fail-safe mode). Once the emergency alarm stops and/or the electricity returns, the gate resets itself automatically.

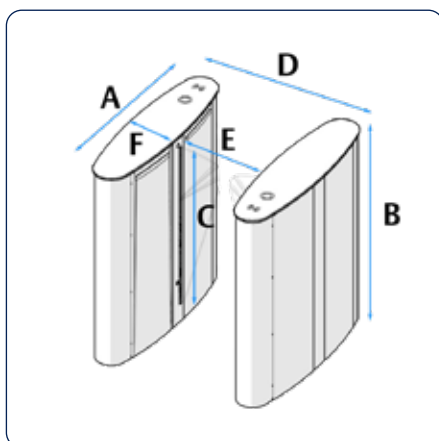
LED indicators

The LED lights on the indicate the operating status in both directions.

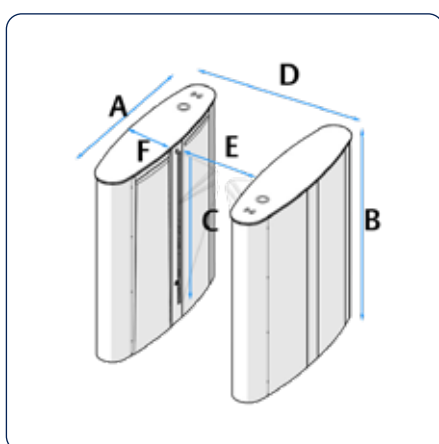
Blue	Waiting / Standby
Green	Passage confirmed
Red	No passage

Settings

Operation mode for each directions	Controlled / Free / Locked
Acoustic notifications	On / Off
Release time out	5, 10, 15, 20 sec
Emergency connection	On / Off

**SG600**

Total Length (A)	970 mm / 38.19 inch
Cabinet Height (B)	1010 mm / 39.76 inch
Wing Height Variants (C)	916 mm / 36.06 inch
Total Width (D)	1000 mm / 39.37 inch
Clear Passage Width (E)	500 mm / 19.69 inch
Cabinet Width (F)	250 mm / 9.84 inch
Spacing Between Wings	79 mm / 3.1 inch
Weight	85 kg

**SG605 (Non-EN 17352 Compliant)**

Total Length (A)	970 mm / 38.19 inch
Cabinet Height (B)	1010 mm / 39.76 inch
Wing Height Variants (C)	911 mm / 35.8 inch
Total Width (D)	1400 mm / 55.11 inch
Clear Passage Width (E)	900 mm / 35.43 inch
Cabinet Width (F)	250 mm / 9.84 inch
Spacing Between Wings	72 mm / 2.82 inch
Weight	86 kg

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.

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