Speedgate
ASSA ABLOY SG600 Series

Experience a safer
and more open world

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

Our new Speed Gate Turnstile SG600 from ASSA ABLOY is a dependable and stylish solution for regulating the people flow in and out of your building. With a 24V BLDC 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 specification

Construction:	Steel and glass
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	24V DC
Operation Temperature	0 ° / +70 °
IP Protection	Cabinet IP44
MCBF	10.000.000
Opening and closing times:	0.8-1.5 sec
Card reader (WxLxD):	100 x 120* x 60 mm

* 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

SG600

SG605

Essential functions and interface features

Customisable settings
The SG600 speed gate turnstile 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 turnstile 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 turnstile 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 turnstile controller stores up to 255 releases, and can allow the same amount of individuals to pass through.

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 tailgating attempt or someone going the wrong way, the gate's wings can potentially injure the person in question.

Emergency and power cut modes
In the event of an emergency, the gate opens the barrier wings (a.k.a. fail-safe mode). During a power cut, the mechanism and barrier wings do not operate (a.k.a. fail-locked mode. Please note that we can provide you with an optional battery unit, so you can open the barrier wings even during power cuts). Once the emergency alarm stops and/or the electricity returns, the gate resets itself automatically.

LED indicators
The LED lights on the turnstile 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 secs
Emergency connection	On/Off

Dimensions

LEFT   RIGHT