



Description

The STA 20 is a time-tested automatic sliding door system for single or double leaves. It can be installed as a complete door package or retrofitted to existing aluminium, steel, or timber doors. Featuring a unique self-learning capability that automatically adjusts operation, the STA 20 delivers exceptional reliability and consistent long-term performance.

Options

- Remote control unit BDE-D, compact model
- Key operated contact (SSK)
- Trigger devices: RAD 290, RIC 290, AIR 290
- System bus connection
- Optical lock indicator (OVA)
- Manual unlocking on outside or inside of door
- Locking device surveillance
- Emergency stop switch
- Rechargeable battery for emergency operation in power failures
- Approved escape door systems
- Hinged, foldable drive unit cover or in several parts
- Module to extend functionality for optional upgrades

Key Features

- Available with RC2 or RC3 security ratings
- Broad range of models to suit multiple applications
- High-capacity performance with efficient, low-noise operation
- Optional failsafe electric motor brake locking with extended battery backup
- Continuous self-monitoring with integrated diagnostic capabilities
- Insulating glass for maximum transparency and visual clarity
- Designed to integrate seamlessly with any architectural style
- Full-glass and heavy-duty variants available
- Compatible with a wide range of access control systems

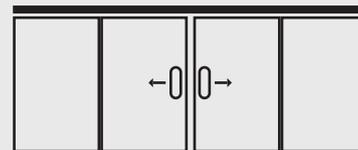
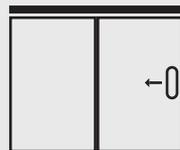
Application where used

Suitable for high traffic areas such as offices, retail stores, supermarkets, hospitals, educational facilities, leisure attractions and public buildings.

Key Benefits

- Provides seamless, barrier-free access for all pedestrians, including wheelchairs
- Visually refined design that complements a wide range of building styles
- Can be configured for enhanced security or integrated into escape routes
- Reliability, helping to reduce servicing and long-term maintenance costs
- Ultra-quiet operation Intelligent communication between components to monitor and optimise performance, safety, and security
- A choice of over 200 RAL colours

Max. opening speed	0.7m/s (adjustable)
Max. closing speed	0.7m/s (mass-dependent adj)
Hold-open time, day:	0–30 s (adjustable) adjustable time until the door closes
Mains power connection	230 VAC, 50 Hz
Protection rating	For use in dry locations only
Power consumption	100W max, 20W idle mode
Power output	< 10 mW
Ambient temperature	–15°C to +50°C
Response time, max.	< 50 ms



Door type	E-STA (one leaf)	D-STA (two leaves)
Drive Dimension with slide	94 x 108/150 or 197 x 200	259 x 108/150 or 262 x 200
Drive dimension w/o slide	157 x 108/150 or 160 x 200	222 x 108/150 or 225 x 200
Opening width	800 – 3 000 mm	800 – 3 000 mm
Clear height of passage	3 000 mm	3 000 mm
Max. door leaf weight	1 x 150 kg	2 x 120 kg
DUO / RED model	1 x 150 kg	2 x 120 kg
Reinforced (20-200 / 22)	1 x 200 / 1 x 250 kg	2 x 150 / 2 x 200 kg
Recommended application	Single leaf door automation for tight spaces	For most normal applications