

FOR SMOOTHER FLOW OF PEOPLE AND GOODS

KONE sliding door solutions



Key benefits:

- Exceeds the highest standards regarding safety, durability and flexibility
- Suitable for many different types of buildings
- Equipped with an intelligent control system that is easily adjusted for many different environments
- Space-efficient
- Plug and play installation
- Several features to guarantee the safety of users
- Fire resistant and burglar proof options
- Based on over 35 years of experience in door electronics

KONE sliding doors feature a powerful, fully automatic sliding door operator, suitable for single, double, telescopic and curved sliding doors. They can be adjusted for the demands of many environments.

An intelligent door operator

The KONE UniDrive® operator for sliding doors meets and exceeds the highest standards regarding safety, durability and flexibility. It allows the door's operation to be highly customised from the most basic operational settings to the most advanced. The intelligent door operator can collect and store information and act accordingly. The operator software includes self-diagnostic capabilities, so the door is easy to maintain, adjust and repair. The door operator is also equipped with safety features such as reverse opening if an obstruction is in the way of the opening or closing cycle.

KONE sliding door profiles

KONE offers 3 types of door profile systems to suit your building design:

- KONE 35S, aluminum profile system
- KONE 20S, aluminum profile system (slim profile)
- KONE full glass profile system

The design of the profiles provides an aesthetically pleasing view of the door and side panel. The KONE 35S door profile can be used in many places for in- and outside doors, and the profile is suitable for various glass types

with a maximum thickness of 22 mm. The KONE 20S is a slim profile for 10 or 12 mm toughened glass, and the KONE Full Glass profile systems can be used for full glass doors. In addition to our own profile systems, we can also supply doors with various types of aluminum profiles, glass, steel and even fire-resistant materials.

KONE can also provide the top track/profile, including the door controller and complete mechanism, as a separate component, to be integrated in the design of the façade. The door panels, profiles and installation of the whole door will then be supplied by the façade supplier or contractor, while KONE would commission the complete door. The KONE sliding door mechanism can be adjusted to fit almost any kind of door panel, profiles, materials and dimensions.



The KONE UniDrive® is a universal solution for controlling automatic sliding doors.



Double sliding door with toughened glass.

KONE fire resistant doors

In the KONE F30/F60 range of fire-resistant sliding doors, our single, double and telescopic doors achieve 93 minutes of fire resistance and 101 minutes of fire radiance, certified by the Dutch Centre for Fire Safety (TNO – Efectis) according to the strict European standard NEN-EN 1634-1.

Fire-proof safety closing

In case of fire, the self-closing mechanism closes the door independently of the electric power and the door operator. This system can be used in buildings where there is high traffic, and in buildings near flammable materials, such as petrol stations and warehouses.

KONE inside sliding doors

In this solution, the door panel slides into a compartment in the wall. This is a safe, space-saving installation where a conventional solution may not be possible. This product can also be delivered with 30 minutes of fire resistance, or as a hermetically sealed option suitable for example for hospital use.

KONE burglar-proof sliding doors

In places where there is a high risk of burglary or vandalism, KONE burglar-proof sliding doors ensure maximum protection.

KONE break-out sliding doors

For emergency situations, KONE has developed an intelligent break-out system for sliding doors. This system allows the door to open to its full opening width if an emergency arises. Installing the KONE break-out system upgrades the building's safety, increasing its value and minimising life-cycle costs by reducing insurance fees.



In order to keep your doors operating reliably, KONE offers a complete service and maintenance programme, backed by 1200 highly-trained maintenance engineers.

Wireless programmer switch

This small, well-designed programmer switch can be installed almost anywhere to provide safe, reliable operation and keep the architectural design of building intact.

Quality and service

When you choose KONE products, you get the highest standards in quality, safety, design and durability. KONE door solutions are based on quality materials and expertise achieved during 35 years of experience. These doors meet international standards, for example CE-standards and ISO 9001:2000 certificates, and are TÜV approved. KONE also offers a complete service and maintenance program for the needs of your business.

In order to minimise downtime, all spare parts needed to maintain KONE solutions are available from our web-store and will be dispatched to any maintenance provider, usually within 24 hrs.

KONE doors business operations and products are certified for the ISO 9001 quality management system and ISO 14001 environmental management system.

Application:

For single and double sliding doors, telescopic (2-3-4 or 6 wings), prismatic and curved doors

Intelligence:

KONE Smart Door Technology

Supply voltage:

230 V – AC, 50 Hz, 6 AMP, 1 Phase

Power consumption during opening:

Max. 80 W

Dimensions (h x t x w):

185 x 161 x max 7000 mm

Door weight:

Max. 1 x 180 kg, 2 x 120 kg

Option: 1 x 270 kg, 2 x 180 kg

For more information go to KONE.co.uk