

dormakaba touch-free access solutions.



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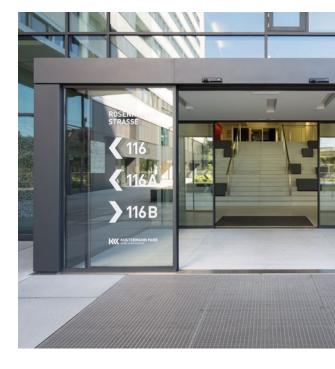
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Touch-free access for greater convenience, hygiene and accessibility

The issue of hygiene is now more relevant than ever and has become a very important factor of everyday life for almost everyone. Especially in public buildings such as offices, hotels, shopping centres, airports and, above all, healthcare facilities such as hospitals, heavy people traffic inevitably leads to an increased hygiene risk. When planning or upgrading existing access systems, it is therefore important to adopt effective easy-to-implement hygiene and infection protection measures which also ensure optimal people flow.

For secure, convenient entry into rooms and buildings, our automated access solutions not only provide an inviting welcome, but also efficient implementation of preventive measures. For example, surfaces we touch with our hands can transmit a variety of germs. Features such as contactless push buttons providing an opening impulse for automatic doors reduce the transmission rate to a minimum while greatly increasing protection against the spread of infections.

We offer a broad and comprehensive portfolio of well-thought-out automatic and manual door systems for your building – tailored to individual hygiene requirements, of the highest quality and with permanently reliable function.















Entrances in public buildings

The main entrance is the first port of call in your building and has a high usage frequency. The use of intelligent entry solutions that ensure unhindered traffic without compromising hygiene precautions and energy consumption is essential.

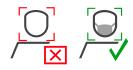
Entrances in public buildings

Secure access with facial recognition

The recommended measures for the prevention and spread of infections, such as wearing masks, affect all areas of life in the "new normal". The hygiene conditions are challenging for companies, public institutions and places with high traffic.

Our solution:

For areas where queues form and where facilities and shops are forced to control and possibly restrict people access, dormakaba has developed a secure, hygienic access solution for automated entrances and access points with the new biometric reader 91 60 for facial recognition and body temperature measurement. The sustainable solution, which covers various access situations, supports building users and operators in checking compliance with measures without the need for large numbers of personnel.



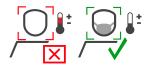
Mask check

We make sure that hygiene masks are always worn before access. The integrated terminal camera automatically detects whether a mask is worn. If so, access will be unlocked or the door will open, if not, access will be denied.



Body temperature check

Automatic, contactless body temperature measurement before entering the building ensures early identification of individuals with a high temperature. The reader in the terminal remains red, an alarm signals the result of personal verification and access remains blocked. As no actual measured values are stored and only the threshold value of 37.5° is checked, the method is GDPR-compliant.



Possible combinations

If necessary, the mask check and body temperature check can be combined and bundled into an overall security query.



dormakaba biometric reader 91 60

Modern design, 8-inch LCD touch-screen, high-speed processing and large memory capacity make the terminal a powerful product line that supports the identification of 50,000 users.

Reader features:

- · Facial recognition
- Mask check
- Temperature check
- · RFID card reader
- QR code reader



Security and prevention in one system

Depending on the required security level, the biometric reader 91 60 is combined with people separation systems such as turnstiles, tripod turnstiles and sensor barriers. The solution for exterior entrances and foyers combines security and prevention in one system. The result is completely contactless access: quiet, fast and secure. In conjunction with the access control system, it is ensured that only authorised persons are granted access.





01 Transitions within the building

Before an employee enters an area of the building, access can be checked using facial recognition.

02 Access control

In conjunction with a dormakaba access control system, it is ensured that only authorised persons are granted access.

03 Hygienic access solution for automated entrances

The biometric reader 91 60 can be integrated into existing automated access situations.

Possible applications:

Shopping centres | Airports Railway stations | Schools and universities | Concert halls

Entrances in public buildings

Touch-free opening and closing of the main entrance with an automatic sliding door system

Every day, we deal with entry situations of facilities such as administrative buildings, hotels and supermarkets. This naturally requires door solutions that also meet requirements in terms of accessibility, security and hygiene – as well as general social and legal standards. Equally important is unhindered traffic, so that your visitors and employees have to put up with as few restrictions as possible.







dormakaba sliding doors are genuine all-rounders. They allow unimpeded traffic, and your security is also guaranteed: in addition to contactless opening and closing, the sliding door system offers protection against burglary and vandalism when closed and locked. Thanks to digital access control, users that you authorise can enter securely and exit quickly via escape routes in the event of an emergency. A real security plus.

- Contactless, user-friendly access
- Hygienic opening and closing of highly frequented entrance doors
- Barrier-free access and unhindered traffic
- Electromechanical FST FLEX SECURE escape route sliding door with narrow aluminium profiles and large glass surfaces for greater transparency
- Reliable integrated escape route security system
- · Access control via digital readers, either with an authorised RFID card or via a PIN keyboard
- Certified security WK2/RC2 class of protection



- **01** Automatic FST FLEX Green energy-saving sliding door with fine-frame profiles, integrated escape route function and improved thermal separation.
- **02** ST FLEX Secure automatic sliding door for tested burglary and vandalism protection.
- **03** Access control with compact reader 91 10.

Possible applications:

Supermarkets | Administration buildings Banks | Hotels | Airports

Entrances in public buildings

Main entrance with a revolving door for contactless access



The main entrance is the flagship of a building. Customers, visitors and employees must feel welcome here at any time. In public buildings in particular, security is paramount. These two aspects must be combined. But security also means keeping contact with the used surfaces of the entrance to a minimum, in order to meet even the most stringent hygiene regulations.





dormakaba revolving doors are installed in building entrances worldwide and, like all our products, are characterised by their well-thought-out design, particularly high durability and quality. They enable contactless and hygienic secure access for your visitors and employees. The integrated sliding door system also increases traffic capacities in both directions, which in turn optimises the traffic in your building. The additional swing door is also an important part of the system – it serves as a barrier-free access point and regulates the escape route.

- Side entrance as an escape route in an emergency
- Separate automatic swing door system as a side entrance offers barrier-free access for people with reduced mobility

KTC revolving door with integrated sliding door ST

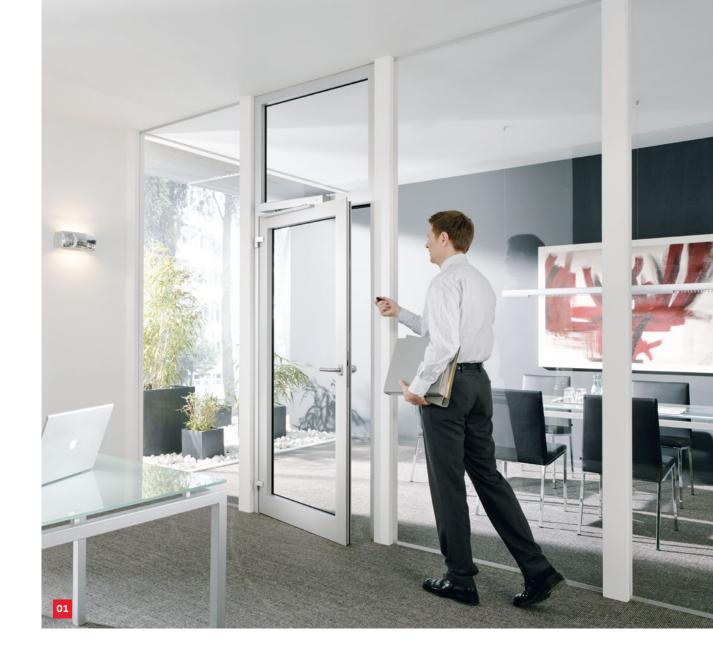
FLEX, available in a high variety of designs and versions

Contactless opening and closing of the sliding door

- Increased energy efficiency: protection against drafts, noise and dirt
- **01** The KTC 2 revolving door with integrated ST FLEX sliding door for a high throughput rate.
- **02** The registration unit 90 04 offers maximum security outdoors.
- **03** Exterior protection and escape route concept in one: the KTV 4 revolving door and the ED 250 swing door operator for a prestigious entrance.



Wherever convenient and secure access to rooms is required, there is no alternative to intelligent door systems. Especially in the interior, high people traffic requires a variety of requirements - whether in terms of accessibility, hygiene protection measures or security. Our contactless access systems with their variety of contactless functions create better hygiene conditions and a secure, clean interior environment.





Barrier-free interior door with automatic, contactless opening

Frequently used rooms should be designed to be user-friendly and barrier-free in accordance with the standards – with the least possible effort. Carefully thought-out individual solutions are often required here, especially for public access points inside your building. For all concepts, it is crucial that the opening and closing is carried out contactlessly if possible for reasons of hygiene.

dormakaba door systems ensure high levels of efficiency inside the building and flowing, barrier-free transition from room to room. Our automatic swing doors or sliding doors support the necessary hygiene protection measures in the interior with their wide range of contactless functions. Thanks to radio or radar technology, they can be opened simply by a hand movement or a radio transmitter. Your visitors and employees are thus protected very effectively against the spread of viruses or bacteria. Even existing interior doors get a real upgrade with a simple installation: for example, our compact PORTEO door assistant or CS 80 MAGNEO sliding door operator.

- User-friendly, contactless access to interior doors with the automatic sliding door and swing door operators
- The compact PORTEO swing door assistant makes it noticeably easier to open light doors up to 1,100 mm wide or 100 kg in weight
- The CS 80 MAGNEO sliding door operator not only opens and closes gently and quickly, it also actively protects users
- Electronic control via a conventional button or the innovative CleanSwitch door sensor, which responds to hand movements in the space around it and is contactless
- · Alternatively: use the BRC radio system
- The optional locking device protects against unauthorised access

- **01** Automatic and contactless opening of swing doors in the interior with the PORTEO swing door operator.
- O2 Contactless push buttons, such as the Magic Switch, for a contactless opening pulse.
- 03 Barrier-free and design-oriented – the CS 80 MAGNEO for automatic sliding doors.

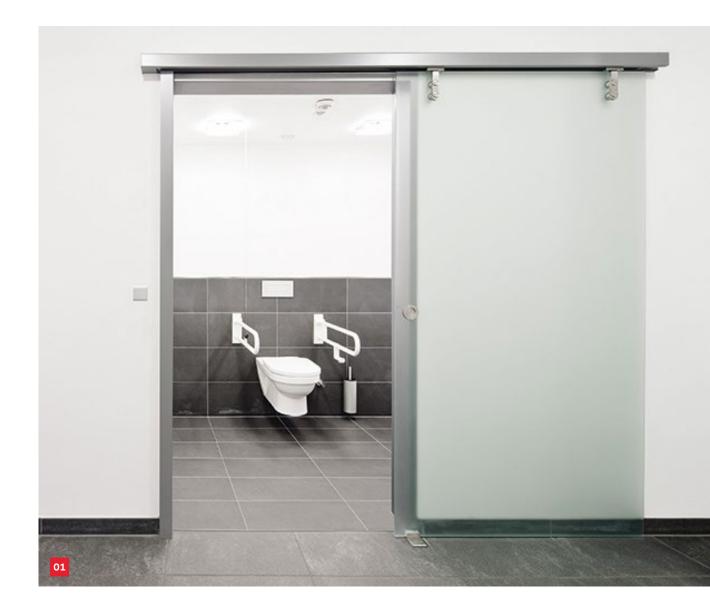


Possible applications:

Private residential areas | Private practices | Administration buildings | Office buildings | Hospitals | Retirement homes | Hotels and restaurants

Hygienic opening and closing of sanitary facilities with automatic sliding and swing door systems

The sanitary facilities in your building are undoubtedly the focus of your hygiene and infection protection measures: surfaces which we touch with our hands, such as door handles, can transmit a variety of germs. Whether for access to sanitary facilities in public buildings or patient bathrooms in hospitals or nursing homes, you need solutions that are fully adapted to the specific needs and efficiently minimise the risk of infection. In addition, restrooms should allow sufficient space for the complex mobility of persons with physical impediments.





- O1 CS 80 MAGNEO the intelligent sliding door solution for barrier-free WC applications.
- **02** Contactless Magic Switch activator.
- 03 Automated opening with the ED 100/ED 250 swing door operators with WC control unit.



Thanks to our automatic sliding and swing door systems, entering and leaving sanitary facilities can be carried out unhindered – without any physical contact. The automatic CS 80 MAGNEO sliding door operator is perfect for very limited spaces and allows maximum usable access and passageways. Our swing doors are also opened and closed using modern sensor technology, without your visitors or your employees having to touch anything.

- Contactless, hygienic and fast opening and closing of the door using the CS 80 MAGNEO sliding door operator
- Simple, barrier-free user convenience and increased security in private spaces
- Can be expanded by adding a WC control unit for the disabled
- The optional locking device protects against unauthorised access
- Electronic control via a conventional push button or the innovative CleanSwitch door sensor, which responds to hand movements in its detection range and is contactless
- During a power failure, the door can be opened and closed manually
- If the door is electrically locked, the indicator light displays its status
- The ED 100 and ED 250 swing door operators for heavy doors open doors automatically, without the need for manual contact
- Depending on requirements, access is granted via a contactless push button, radio transmitter or, if necessary, a universal key
- The fail-safe electric strike built into the system helps prevent unauthorised use
- Indicators display busy/free status

Possible applications:

People separation and contactless access control

Even in buildings with high security requirements, such as banks, manufacturing facilities or even pharmaceutical facilities, the hygiene and infection protection measures are becoming more and more important. High passage frequencies here require adequate precautionary measures. Of course, the security-related areas in your building must still continue to be accessible only to authorised persons, and the incoming and outgoing flow of people must continue to be controlled efficiently, easily and, as far as possible, without waiting times. Reliable access control with a high level of personal security must always be provided even with the most effective hygiene protection measures.

Our solution for you:

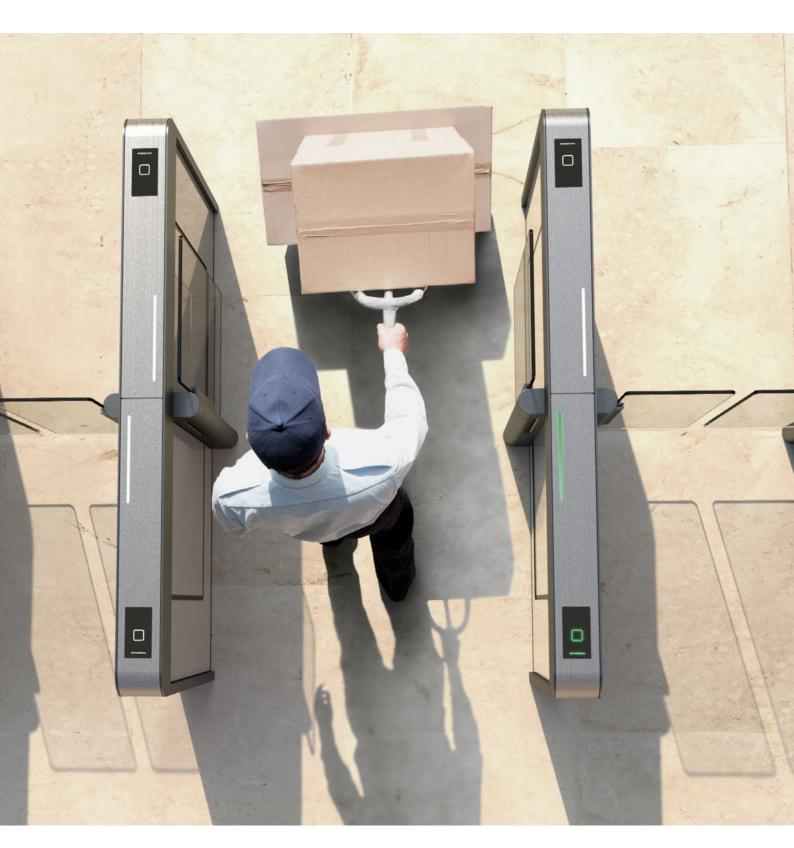
For security-related applications, our newly developed Argus sensor barrier is suitable for contactless access control and interior pedestrian flow control. The passage of all authorised persons is fully contactless and allows a high frequency. Optimal flow of traffic and maximum hygiene protection are combined with state-of-the-art technology. The new Argus sensor lock also sets new standards in design. The versatile design options of this innovative access system offer all sorts of features – with a wide range of colours and materials to suit all your individual requirements.

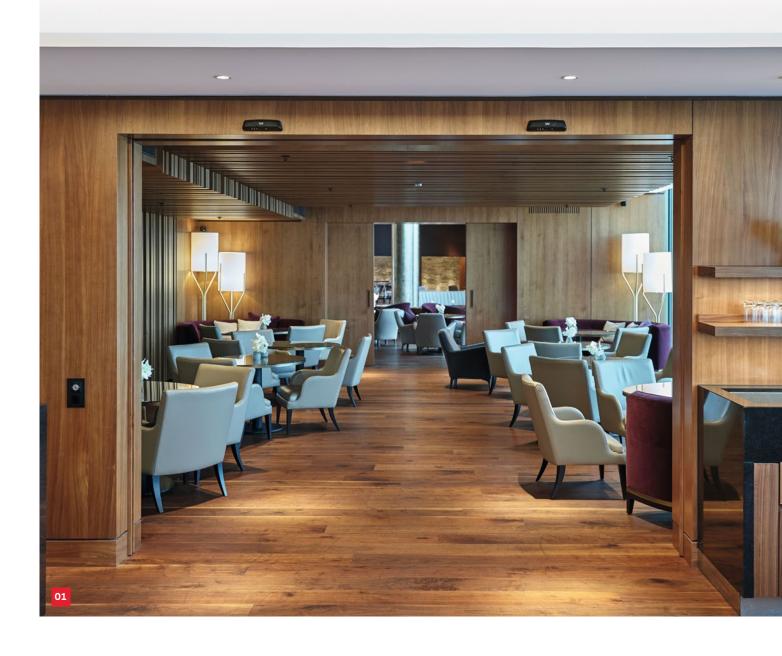
- · Reliable segregation and safety sensors
- · Securing highly sensitive areas in a building
- Hygienic access control by means of contactless passage
- · Low space requirements and a high level of convenience



Possible applications:

Office and production buildings | Banks | Government and administration buildings | Pharmaceutical facilities





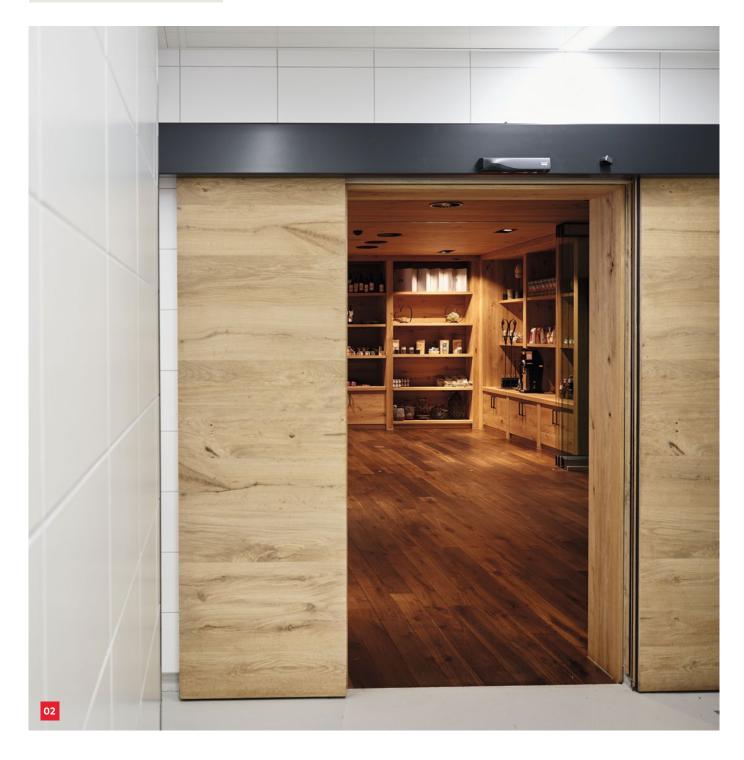
Touch-free access to kitchens in the restaurant with automatic sliding doors

In restaurants, no one wants to wait. Continuous, rapid processes are essential and, above all, a convenience feature. For optimised service in the catering sector, free access to the kitchen is essential for service staff. The high standard of hygiene requires measures that create a pleasant atmosphere in which guests and staff feel safe and welcome.

- **01** The ES 200 sliding door operator for barrier-free access.
- O2 The sensor-controlled door between the kitchen and the restaurant has an automatic sliding door operator. If someone does not have a free hand, the door is easily opened with the foot sensor switch.

Sensor-controlled sliding doors ensure smooth service processes. They open and close contactlessly and hygienically for smooth operation. Moving between the restaurant and kitchen is therefore uninterrupted and fast. In addition to radar detectors and manual release buttons, the opening pulse can also be emitted via foot switches. This a particular advantage in the catering sector, especially where space is limited.

- Automatic ES 200 sliding door operator with activator
- Contactless CleanSwitch radar sensor for hygienic door control
- · Smooth, fast, almost silent opening and closing



Infection protection with Hygienic glass screens

Treating each other in a friendly manner means continuing to show other people respect and consideration. Personal contact cannot be completely avoided in public places such as checkouts and counters in supermarkets, reception areas in medical practices, office buildings or administration buildings. As droplets are a common source of infection, it is extremely important to take the most stringent hygiene and infection protection precautions.









Hygienic glass screens are a very important first line of defence. They serve to protect both sides while also acting as a connecting element because they are completely transparent. Different solutions are available for connecting the glass elements to each other or to existing work surfaces, such as service counters or checkouts.

Possible implementation of your Hygienic glass screens:

- Securely fitted and installed at the bottom, with free edges at the sides
- Securely installed between two columns or walls, with or without a partial connection below
- Adjustable, with movable side leaves

Possible applications:

Retail | Healthcare facilities | Office buildings | Administration buildings

Access to stairwells, basements or garages through a fully automated fire door

Straightforward connecting routes such as in stairwells or garages are nowadays more than just "passageways". In addition to accessibility and ease of use, they need to reconcile the most diverse tasks and security requirements – whether in office buildings, shopping centres or complexes with several business units. Access must only be granted to authorised persons, and a door solution is required as a reliable safety feature in the building in case of fire or an emergency. Each door must also meet the complex conditions of a multistory building with a high flow of traffic in hazardous situations and at the same time comply with the current hygiene regulations.



Possible applications:

Hotels | Office complexes | Shopping centres







- **01** Battery-operated TS 98 XEA Ubivis hold-open system for single-leaf doors.
- **02** ED 250 swing door operator combines convenience and security in one device.
- **03** ED 100 swing door operator for use on fire doors: provides barrier-free access.

Full automation of double-leaf doors has direct benefits for your building planning or modernisation. For fire protection, reliable, heavy-duty passage doors are essential. They allow wide, barrier-free passage, which is convenient and contactless, but close automatically in the event of danger. In combination with access control functions and emergency exit systems, even the highest security and escape route requirements can be fulfilled. A hold-open system can keep frequented passageways open permanently and only allow them to be closed autonomously when smoke is generated. That way, contact with surfaces can be reduced to a minimum. Our locking mechanisms such as swing door operators and electromagnetic locking devices have been proven millions of times and are always being further developed.

- Automation of the two door leaves with the ED 250 swing door operators
- Barrier-free, easy passage through the door
- The smoke detector integrated in the operator detects the development of smoke during an emergency and closes the doors automatically
- Electromagnetic hold-open system for permanent, standard-compliant opening of doors
- Authorised access using access media via a digital reader
- Easy opening to the outside and secure self-locking to the inside with the SVP emergency escape locks



Access to clean rooms and patient rooms

Security-related clean rooms and areas in healthcare facilities are particularly challenging when it comes to strict protective and hygiene measures. Here, it is particularly important to create an atmosphere of security for both patients and staff. You can rely on the proven dormakaba access systems, which use state-of-the-art technologies that reliably meet all security requirements.

Access to clean rooms and patient rooms

Hygienic access to operating theatres with automated hermetic sliding door system

In operating theatres, laboratories or other clean rooms, it is especially important to create an atmosphere of security for both patients and staff. In addition to regulations regarding hygiene and airflow monitoring, efficient and reliable access control is also important.



Our solution for you:

For particularly sealed doors in operating theatres and laboratories, we offer a sliding door operator. This system meets even the most stringent hygiene requirements and restricts the air flow to a minimum. This prevents the spread of infectious particles. The robust construction ensures durability and is therefore a future-proof investment. Various functions such as the contactless sensor

button with optical feedback can be easily integrated to provide contactless access. Combining these with high-quality mechanical locking systems or flexible online-offline access control allows you to individually control access and access permissions.



- **01** Automatic ES 400 sliding door operator for special requirements.
- **02** The particularly low depth of the ES 400 facilitates integration into special doorframes, for example, in hospitals and operating theatres.



- Suitable for large, heavy doors and automatic access to treatment rooms: ES 400 sliding door operator
- Contactless access via motion detectors and activators, such as push buttons
- Contactless push button is resistant and easy to clean
- Reliable shutter and hygienic opening and closing of the door
- High level of patient and staff protection due to the highly restricted spread of foreign particles
- Robust construction withstands intensive stress

Possible applications:

Hospitals | Clinics | Laboratories | Pharmaceutical facilities | Nursing homes



Access to clean rooms and patient rooms

Secure interlock system with two automatic doors for isolation wards, operating theatre anterooms or laboratories

An automatic interlock system is an essential component when it comes to safely separating areas such as isolation rooms and zones to prevent unauthorised access. It also ensures better control of air quality, temperature and the spread of foreign particles.







- **01** Interlock system with two automatic doors, powered by the ED 100/ED 250 swing door operators.
- **02** The Magic Switch sensor button for contactless door opening.
- **03** Access permission with the registration unit 90 01 and RFID card.



Two systematically controlled doors form an airlock system, meaning that they cannot be opened simultaneously. When not in use, both doors are closed and secured. Access is only granted to authorised personnel. All relevant components are interconnected via the access control system. The first interlock door opens automatically with the ED 100/250 swing door operator via a contactless sensor button or as soon as the user has authorised themselves with an access medium on a reader. Upon entering the airlock, the time delay is activated. This means that only after the first door is closed and a set period of time has elapsed, the second door is opened. Normal exit of the operating room in the direction of the airlock room can be done using the contactless button if the second door is closed and secured. In case of emergency, SafeRoute releases both doors at the same time so that escape is unimpeded.

- Interlock system with two automated doors, powered by the ED 100/ED 250 swing door operators and SafeRoute emergency exit and escape route system
- Automatic, contact-free opening of the interlock door with a contactless sensor button
- Access permission with an access medium via the compact reader 91 10
- Information on the door status given by the integrated light ring

Possible applications:

Hospitals | Clinics | Laboratories | Pharmaceutical facilities | Nursing homes

Access to clean rooms and patient rooms

Barrier-free, controlled access to patient rooms via electronic access control and automated entrance systems

Sheltered institutions such as retirement homes, care homes for dementia patients and hospitals face the challenge of reconciling their patients' freedom and their protection. For facility operators, this is not only a demanding but also an important task in human terms. The decisive factor here is secure, individual and barrier-free access to private rooms. The aim here is to give privacy and also support the day-to-day work of staff – all this together with stringent hygiene protection measures, because reducing the risk of infection is also part of protecting people. These requirements require centralised, flexible access control.









Convenient access via smartphone: evolo smart enables you to control access permissions using the app and open your door using a smartphone, card or chip. Access is granted only to authorised persons. With a virtual key, the door can be released and undocked from your own smartphone. Opening by hand can be bypassed for hygienic reasons.

- Access with personal smartphone, key ring or own card
- Smartphone: no need to hand over physical media
- No additional hardware; virtual keys are distributed via app
- Simple time-limiting of the access events
- Independent: evolo smart runs offline

Secure access via TouchGo:

Controlled access can also contribute to increased hygiene. With the modern TouchGo System, the electronic door fitting on the patient's door only allows people with access permission to enter from the outside. The patient or authorised personnel only need to carry the transponder on their body in order to open the door – no more troublesome searching for keys or costly key losses. Only one person or a small number of authorised individuals have access to a private room. This means that further spread of the risk of infection can be greatly reduced.

Possible applications:

Hospitals | Care homes | Retirement homes | Care home for dementia patients | Psychiatric centres

- Increased security, privacy and hygiene protection due to access control using the electronic c-lever pro door fitting with TouchGo function
- Hands-free there is no longer any need to search for keys, badges or smartphones
- Barrier-free, easy opening of the door using the TS 97 FL XEA free-swing door closer

Contactless access:

If the door is only intended to provide barrier-free and contactless access, the PORTEO swing door operator allows elderly or mobility-restricted persons to conveniently open and close the door. In conjunction with the contactless CleanSwitch push button or a radio transmitter, the door can be accessed contactlessly and hygienically.

- **01** dormakaba evolo smart access control via app.
- 02 dormakaba TouchGo: a mere touch of the lever handle is sufficient and the electronic door fitting detects whether you are authorised to enter.
- **03** The barrier-free fail-safe TS 97 FL XEA slide channel door closer for easy opening of the door.
- **04** PORTEO, the quiet, convenient and versatile swing door operator for barrier-free use of interior doors.

Service

For your security.

Whether you want to make existing access solutions more hygienic by means of individual components such as a swing door operator or a contactless button, or you want to provide more convenience at the same time by installing a new automatic sliding door – our highly trained, experienced service technicians can offer you a comprehensive service, from installation to regular maintenance. Because only functional access and security solutions ensure reliable and safe hygiene protection.







Our dormakaba service offers you comprehensive support: from modernisation, through upgrades to new systems. To ensure safe and smooth operation, we provide regular maintenance, faster troubleshooting and consulting services for statutory regulations. In doing so, we always pay attention to strict compliance with all the necessary safety precautions. We take care of security in your building:

- whether you're upgrading, modernising or creating a new system – we can support you optimally and safely
- Regular maintenance ensures sustainable and safe hygiene protection of your access and security solutions
- The fast replaceable parts service enables a high level of operability
- We are very familiar with the stringent security requirements, even for particularly demanding areas of application such as healthcare facilities and airports

 and have all the necessary certificates
- Strict compliance: we equip our service technicians with all necessary protective equipment according to the occupational and infection protection regulations (masks, disinfectants, training, process standards)



Our services at a glance:



Trained expert service technicians on site



Expert implementation of upgrades and modernisations



Secure installation of new systems



Regular maintenance for a longer service life



Fast repair and replacement parts service



Services subject to the most stringent security requirements

We make access in life smart and secure

Our Offering

Door Hardware

Entrance Systems

Electronic Access & Data

Interior Glass Systems

Mechanical Key Systems

Lodging Systems

Safe Locks

Key Systems

Movable Walls

Services



Consulting

Planning

Realization

Operation

Maintenance

Our Focused Industries



Our Values

Customer first

We always focus what we do on the needs of our customers, partners and users.

Curiosity

We constantly scout for trends as the inspiration for future-focused solutions.

Performance

We go the extra mile to ensure customer satisfaction and set the bar high in terms of security, quality and reliability.

Courage

We are committed to continuously developing solutions that generate genuine added value for our customers and users.

Trust

Our core corporate value is at the heart of everything we do, so customers can rest assured that they are in good hands.

Our Company

More than

150

years of experience

130 countries

16,000 employees

ISO 9001 Certificate



More than

2,000 patents

Sustainability Report GRI Standards



stock-listed at

SIX Swiss Exchange (DOKA)

We call it trusted access







Entrance Systems



Electronic Access & Data



Interior Glass Systems



Glass Mechanical s Key Systems



Lodging Systems



Safe Locks



Movable Walls



able Service

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