



**Plan access efficiently.**  
Door solutions for your property.

# Construction involves lots of specifications.

## We increase the possibilities.

Some find regulations, standards and site management restrictive. Not us. Our well-thought-out access and room systems give you freedom to plan and reliable results.



Interior glass systems in open-plan offices create a more productive working environment.

Openness with more safety – glass and electronic access control systems.



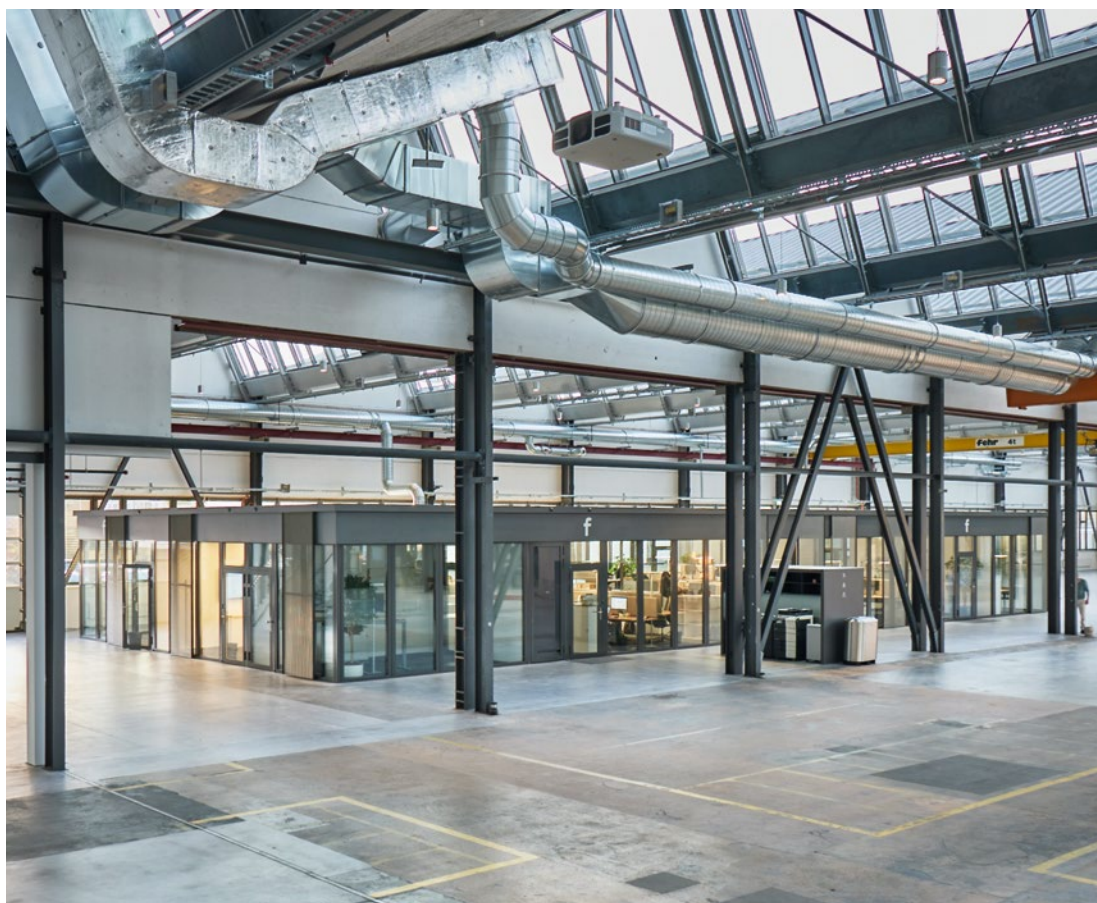
Each with over 100 years of experience, innovation and continual improvement: Since 2015, Dorma and Kaba have been combining their forces and, as dormakaba, offering consistently well-thought-out access systems and room divisions. Flexibility enhances resilience. Safety, control and management become futureproof thanks to digital integration. As dormakaba, we are now the provider

who can noticeably improve the flow of people in a building: Creative room divisions create a new way of working together, sensitive corporate values are better protected, fire and smoke protection keeps people safe, and emergency and escape routes complement the architecture. We offer support in everything from initial consultations to maintenance. Discover the possibilities – come on in.





With smart room systems, every building can react flexibly to the requirements of the future.



Traditional industrial architecture is versatile.  
The door is open for new ideas for shopping areas, hotels and service centers.



For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen](https://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen)



### Façades

First impressions matter, as do accessibility and the way out in an emergency. Today's glass façades can do more with integrated door solutions: for offices, hotels, hospitals, shopping centers and public buildings.

### Stairs and corridors

Fire protection and emergency and escape routes can be improved for buildings with very different facilities. You can even plan emergency escape routes in two directions. Safety doesn't need to be restrictive.



**Keeping people moving through  
the building:**  
multiple door variants.





### Interior design

Room division is becoming more flexible. For all levels of safety, from co-working to large companies. With their smart access systems, sliding and swing doors open up possibilities for office buildings, hotels, public amenities and hospitals.

### Shopping areas

Glass doors and walls play a crucial role in the retail sector: Goods can be presented in the best light and shopping areas extended without barriers or boundaries, ensuring people and goods are protected.

### Basements

Better safety and control of exits and entrances in basements, thanks to technology that is as resilient as it is smart. There's no compromising on fire and smoke protection, or on the protection of sensitive devices and data in mechanical rooms.

A building is more than material. It's the sum of all the people inside it. What counts isn't the real estate but consistent mobility in the rooms. Modern doors and walls adapt to the requirements, create both atmosphere and productivity, safety as well as openness, and help in an emergency. That's why our systems are smarter, more resilient and more flexible than ever.

# Consistently well-thought-out: 33 door solutions.

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## **Façades**

Every building has a face. We prefer when it's a friendly one that radiates security. All entrances are defined by their openness, but must also protect the interior. There are many conflicting requirements – the dormakaba access systems meet them perfectly.

## Façades

# Main entrance and escape route

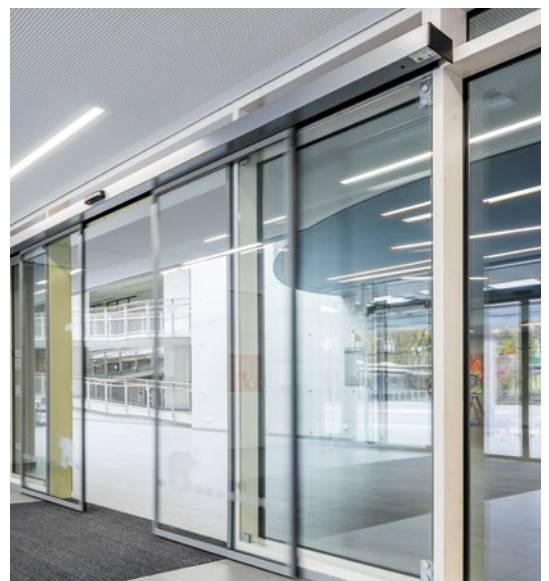
Accessible, stylish entry to heavily frequented large buildings. Consistently functional: the double-leaf FST FLEX Green escape route sliding door. Combined with access control and digital security to save energy.

**Requirement:**

It must be easy for every customer to access shop areas, whether individual units or centers, even when faced with heavy flows of people in both directions. In an emergency, the sliding door is also a standard-compliant escape route, with doors that open even in the event of a power cut. The requirements for the thermodynamic properties of the building envelope and energy efficiency must be supported by approved components (U-value) and the proper closing of the door. An electronic access control system for defined authorizations is integrated in the door system.

**Solution:**

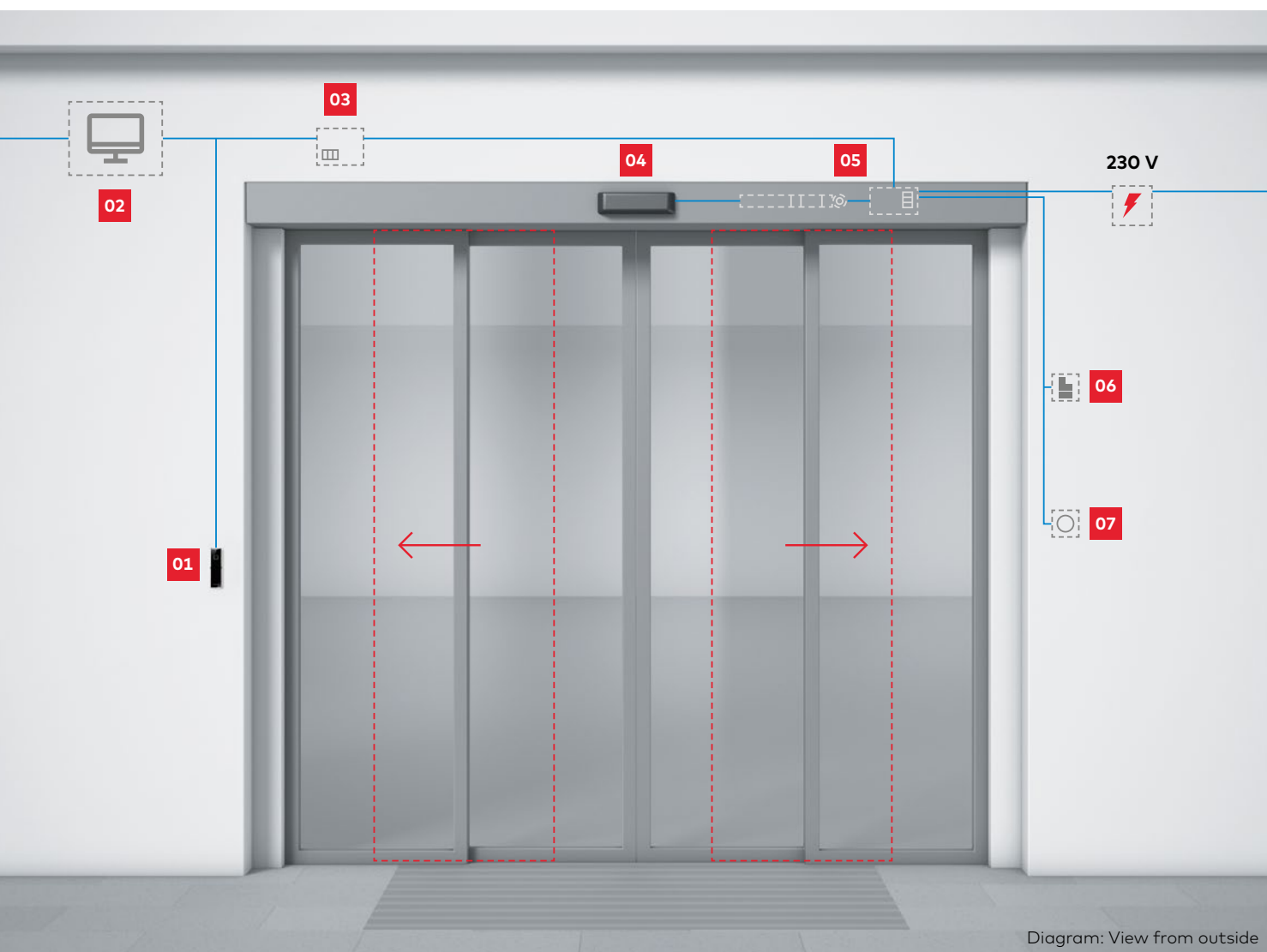
The FST FLEX Green escape route sliding door functions as a universal main entrance. It regulates the flow of people using prompt opening and obstacle detection. The safety software monitors the door leaf movement statically and dynamically. The DualDrive is failsafe and, thanks to a battery, opens in an emergency even if there is no power. And in everyday use, the sliding door is extremely energy efficient: The improved thermal break complies with the Energy Saving Ordinance (EnEV). The door can be upgraded with door components for the access control system and the corresponding lock, and can be controlled by a dormakaba access management system.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/haupteingang-und-fluchtweg](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/haupteingang-und-fluchtweg)

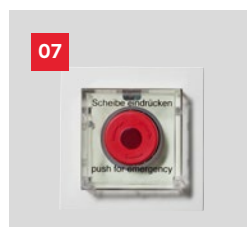




**Compact reader 91 04**  
Slimline and discreet. Hold card, key fob or RFID key on the reader and enter. Optical and acoustic signals indicate that entry has been granted.



**Access manager 92 30**  
Two dormakaba compact readers or registration units can be directly connected to it. The power can be supplied entirely by Power over Ethernet (PoE).



**Emergency open button TL-N S55**  
Illuminated area around the emergency button with optical display of the locking status, optical and acoustic alarm in the form of flashing light and integrated alarm siren.

#### Product overview

- 01** Compact reader 91 04
- 02** Access management software, as required
- 03** Access manager 92 30
- 04** Protection and radar impulses (inside and outside)
- 05** Operator + escape route control (ES 200 2D): automatic sliding door for escape routes FST FLEX Green
- 06** Program selector switch
- 07** Emergency open button TL-N S55 (electromagnetic locking)

#### Specifications and classifications for Solution 1

✓	Fire protection
✓	<b>Accessibility</b>   According to DIN 18040
✓	<b>Escape route/escape route safety system</b>   According to EnEV, Directive on automatic sliding doors in escape routes (AutSchR)
✓	<b>Access control system</b>
✓	Break-in prevention device
✓	Interior design
✓	Emergency opening
✓	<b>Service</b>   Mounting, commissioning and maintenance

**Safety of use:** DIN 18650/EN 16005 AutSchR | **Quality of protection:** splash-proof according to IP66

## Façades

# Main entrance: vestibule, escape route and break-in protection

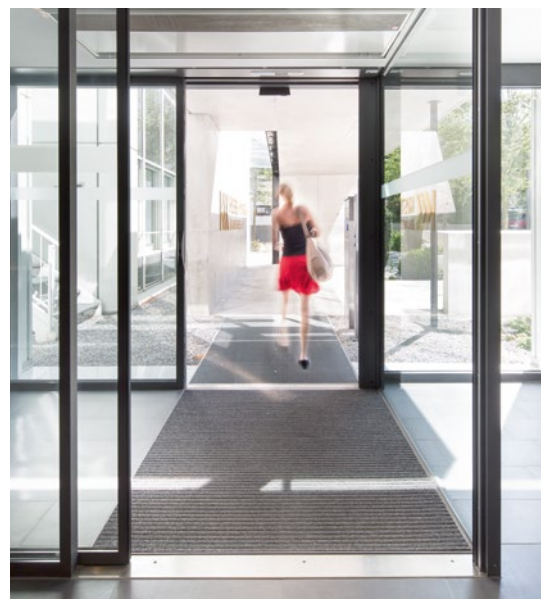
Discreet design that doesn't compromise on protection against break-ins and vandalism. Protection classes WK2/RC2 are tested and documented. Get in safely via electronic access control and out quickly via the certified escape route.

**Requirement:**

Every administrative building, every bank and every supermarket needs access solutions without visible, physical barriers. They must be open but also meet standard-compliant protection classes. It must also be possible to integrate access control systems in the form of registration units or card readers for defined areas and groups of people into the door system. In an emergency, the secure door becomes an escape route.

**Solution:**

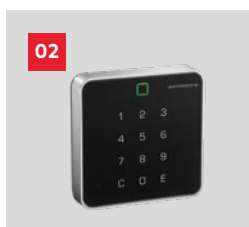
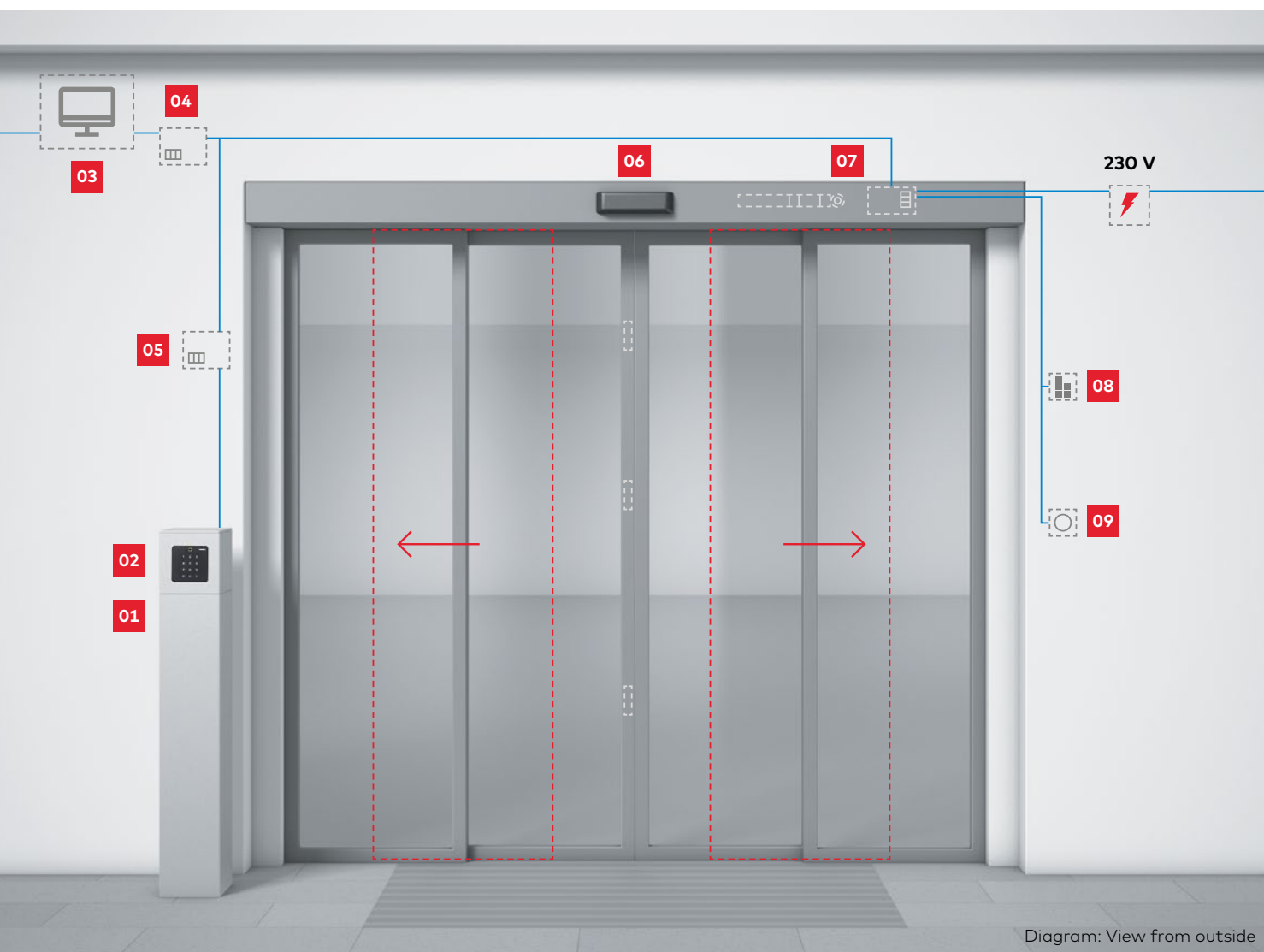
The FST FLEX SECURE electromechanical escape route sliding door looks inviting thanks to its slimline aluminum profiles and large glass panels. A high level of break-in protection is provided by the quadruple lock in the door leaf, the anti-lift device, the interlocking profiles, the stainless steel underfloor rail, and, of course, the anti-break-in glass in resistance class P4A. The escape route is provided by the reliably redundant control unit. Access is controlled by an appropriate registration unit for RFID cards or via a PIN pad.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/haupt-eingang-windfang-fluchtweg-und-einbruchsschutz](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/haupt-eingang-windfang-fluchtweg-und-einbruchsschutz)

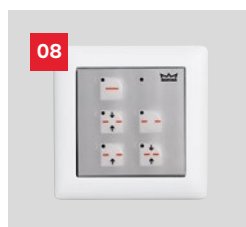




**Registration unit 90 02**  
Installed on stainless steel post AISI 304 with removable inspection opening for installing on-site components (max. installation dimensions H = 170 / W = 140 / D = 150).



**Automatic sliding door operator ES 200**  
The ES 200 is a modular sliding door operator that can be precisely adapted to functional requirements.



**Program selector switch EPS-FST**  
Fully electronic program switch in design system 55, 5-digit, lockable via coding or additional key switch TL-ST S55.

#### Product overview

- 01 Reader post CRP-E03
- 02 Registration unit 90 02
- 03 Access management software, as required
- 04 Access manager 92 30
- 05 Remote reader 91 15
- 06 Protection and radar impulse delivery
- 07 Operator + escape route control (ES 200 2D): automatic sliding door for escape routes FST FLEX SECURE
- 08 Program selector switch EPS-FST
- 09 Door-open button (night mode)

#### Specifications and classifications for Solution 2

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040
- ✓ **Escape route/escape route safety system** | Type-tested according to AutSchR
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection according to RC-2 | Tested according to EN 1627 – 1630 | Glass tested according to DIN EN 356, resistance class P4A | Insulating safety glass (22-mm laminated safety glass), single-pane safety glass (10-mm laminated safety glass)
- ✓ Interior design
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

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**Safety in use:** DIN 18650/EN 16005 | **Protection quality:** splash-proof according to IP54

## Façades

# Revolving door with automated and accessible additional entrance

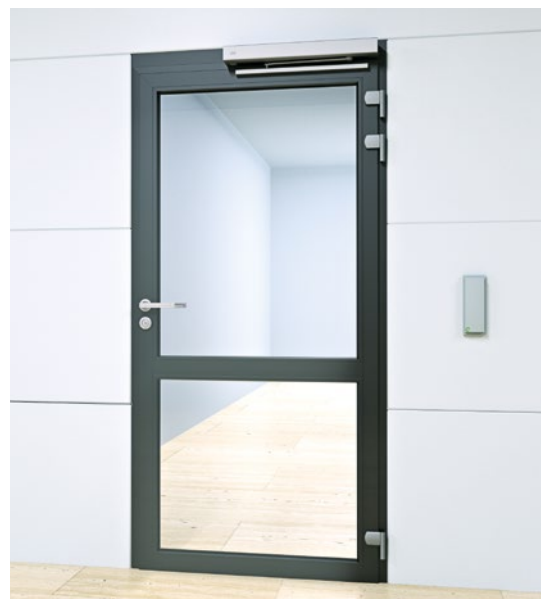
Flowing, efficient and secure access passage thanks to revolving door: Passage capacity increases in both directions. The system reduces drafts and helps retain warmth in the building. The additional swing door is part of the system. The swing door provides accessible entry and regulates the escape route. A smart system in combination.

**Requirement:**

The entrance must open directly for the customer and always be secure. The indoor area and the outside world must also be separated in terms of climate when there is heavy traffic. Of course, people with disabilities must also be able to use the entrance with ease.

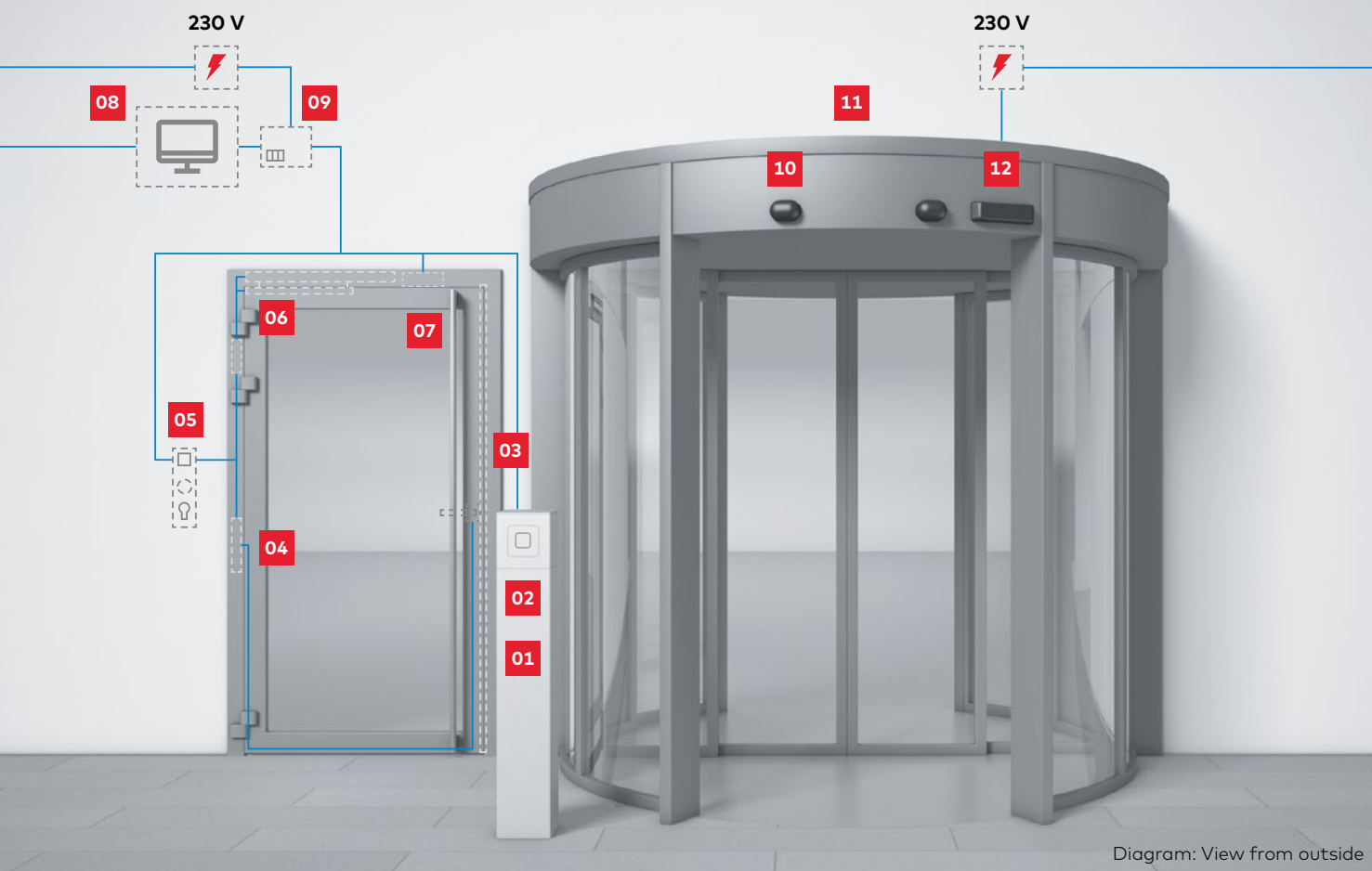
**Solution:**

Revolving doors are ideal for hotels, banks, service centers and public administration buildings. The mechanics, the digital connection and construction are state-of-the-art. A separate door functions as an additional entrance – barrier-free for people with disabilities – and as an escape route in an emergency.



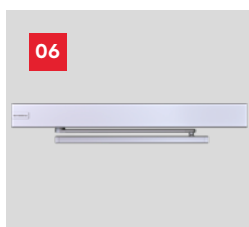
For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/karusselltuer-mit-nebenseitigem-barrierefreiem-eingang](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/karusselltuer-mit-nebenseitigem-barrierefreiem-eingang)





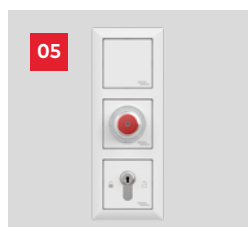
#### Registration unit 90 01

Here, authorized persons identify themselves with their RFID badge, and the decision to grant access is signaled by a sound and a light.



#### Hinged door operators ED 100/250

The state-of-the-art hinged door operators ED 100/250 are easy to handle and extremely flexible.



#### Escape route safety system SafeRoute

Monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring provides information about the respective status.

#### Product overview

- 01** Reader post CRP-E03
- 02** Registration unit 90 01
- 03** Self-locking multipoint panic lock M-SVP 2200 and dormakaba free-wheel locking cylinder
- 04** Detachable cable transfer KÜ-480 and LK 12
- 05** Escape route safety system SafeRoute UP with flexible license model
- 06** Hinged door operator ED 100/250 with Flatscan
- 07** Door lock STV 500
- 08** Access management software, as required
- 09** Access manager 92 30
- 10** Radar activator
- 11** Revolving door KTC 2
- 12** Protection sensor

#### Specifications and classifications for Solution 3

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040
- ✓ **Escape route/escape route safety system** | According to EN 179 and EN 13637 | Complies with Directive on electrical locking systems of doors in escape routes (ElTVTR) for electrical escape route safety systems
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Optional break-in protection according to RC-2
- ✓ Interior design
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005 | **Protection quality:** splash-proof according to IP54

## Façades

# Swing door as entrance door with automatic opening and access control system



A state-of-the-art **hinged door operator** adapts as required. It is both compact and efficient. It is also digitally connected for smart access control.

## Requirement:

A hinged door operator isn't a "foreign body", it's part of the door system. Design and function work as one. Even the access control system can be seamlessly integrated into the door system. The hinged door operator must be able to withstand all the physical strain of practical use. It should be modular in design to enable it to be adapted to different requirements and room situations.

## Solution:

The hinged door operators ED 100 and ED 250 are small in size but big on performance. They also work acoustically in the background. Thanks to servo support when used manually, opening even large doors is practically child's play. Active wind load control, force balancing technology and initial drive control all help extend service life. This means high levels of reliability even for doors of up to 400 kg in weight. The operator is also suitable for fire protection doors and can be fitted with an integrated smoke detector or even be integrated into SafeRoute escape route safety systems. The access control system is also part of the system, with a discreet registration unit and a tamper-proof control unit. Smaller businesses benefit from the browser-based Matrix One access management system. Modularity creates security at every automated entrance door.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-als-eingangstuer-mit-automatischer-oeffnung-und-zutrittskontrolle](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-als-eingangstuer-mit-automatischer-oeffnung-und-zutrittskontrolle)



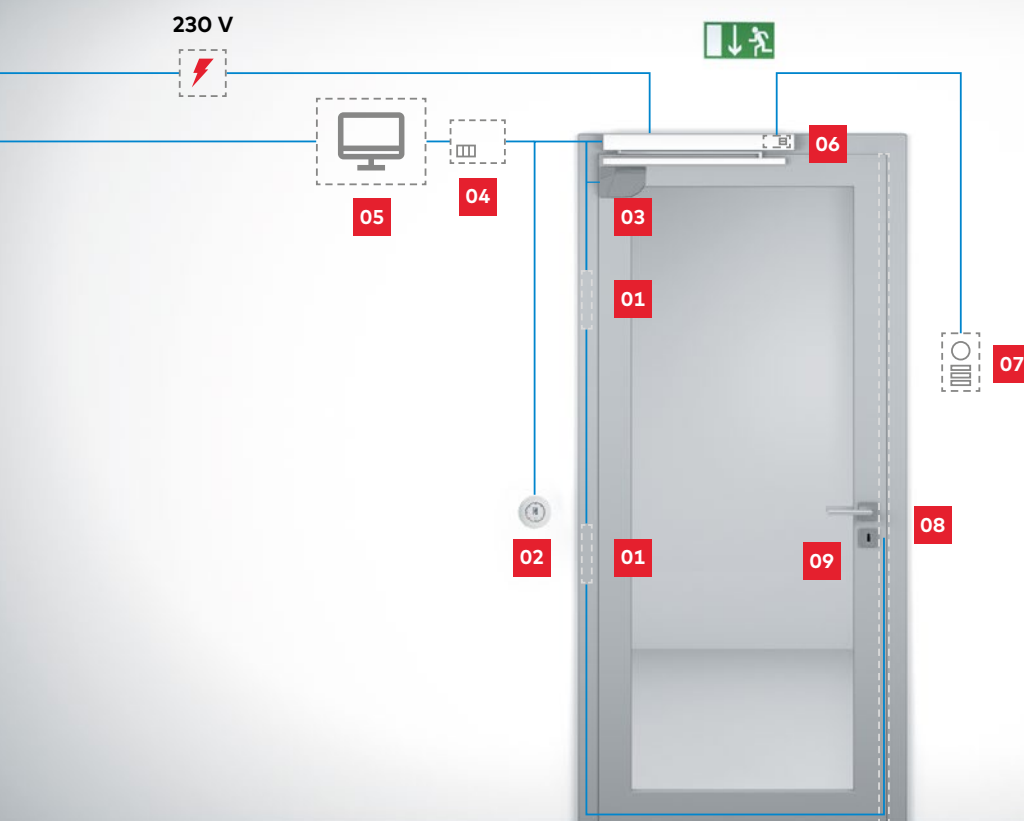
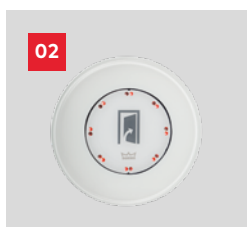


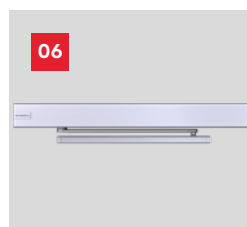
Diagram: View from inside

**LED sensor button**

As a manual activator, the LED sensor button controls the opening of the automatic door.

**Flatscan**

laser scanner and safety sensor.

**Hinged door operators ED 100/250**

The state-of-the-art hinged door operators ED 100/250 are easy to handle and extremely flexible.

**Product overview**

- 01** Detachable cable transfer KÜ-480 and LK 12
- 02** LED sensor button
- 03** Flatscan safety sensors
- 04** Access manager 92 00
- 05** Access management software, as required
- 06** ED 100/250 with extended cladding and integrated remote reader 91 15
- 07** Registration unit 90 00, built into an intercom module (Behnke, Siedle)
- 08** Self-locking multipoint motor lock with panic function: M-SVP 2200 dormakaba quattro plus locking cylinder
- 09** dormakaba quattro plus locking cylinder

**Specifications and classifications for Solution 4**

✓	Fire protection
✓	<b>Accessibility</b>   According to DIN 18040
✓	<b>Escape route/escape route safety system</b>   Emergency and escape door according to EN 179 and optionally EN 1125
✓	<b>Access control system</b>
✓	<b>Break-in prevention device</b>   Break-in protection depending on approval
✓	Interior design
✓	<b>Emergency opening</b>
✓	<b>Service</b>   Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

## Façades

# Entrance door: self-locking with access control system

Mechanically and digitally controlled: The slide rail door closer TS 98 XEA can manage door leaves up to 1,400 mm wide, thus offering convenient barrier-free access up to a door leaf width of 1,250 mm. Self-closing even from a 180° opening angle. Fully functional with integrated access management system.

**Requirement:**

A universal door closer is suitable for all four mounting methods. The closing force must also be able to move wide doors. The door should close as quietly as possible. Even at an opening angle of 180°, the door must be self-closing. It must be accessible in accordance with the relevant standards. The access control system should be an integral part of the door system.

**Solution:**

The TS 98 XEA provides manual doors on building entrances with a reliable mechanical closing function, ideal for banks, care homes, student residences or hotels. The slide rail door closer moves door leaves up to 1,400 mm wide and 300 kg in weight. With a closing force adjustment from the front, the technology adapts to the four mounting methods and to operation. Closing is gentle and virtually silent thanks to SoftFlow. Standard-compliant accessibility is ensured by the tried-and-tested EASY OPEN technology and delayed closing, which comes as standard. The access control system is integrated, with discreet registration units and a control unit, adapted to any size of company – particularly efficient: the browser-based access control unit Matrix One emergency open as part of the safety concept via mechanical locking system or locking cylinder.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/eingangstuer-selbstschliessend-mit-zutrittskontrolle](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/eingangstuer-selbstschliessend-mit-zutrittskontrolle)



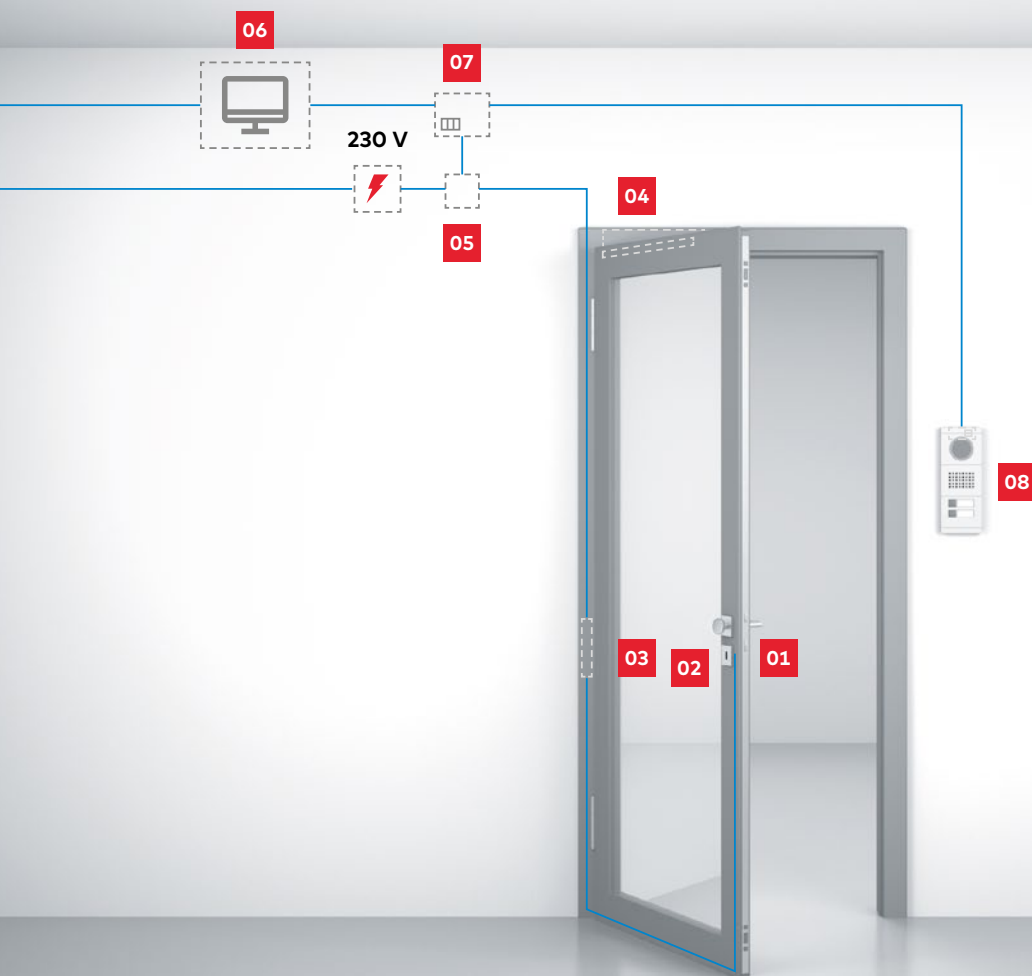
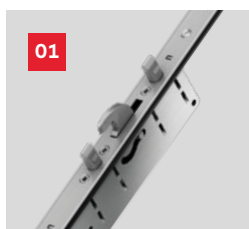


Diagram: View from outside

**M-SVP 2200**

Self-locking multipoint motor lock with panic function. Can be directly integrated into dormakaba escape route safety systems via BUS communication without additional control unit.

**TS 98 XEA**

The slide rail door closer TS 98 XEA meets high standards in quality, convenience and design.

**Access management software**

As required: Managing time and access rights is easy with solutions from dormakaba.

**Product overview**

- 01** Self-locking multipoint motor lock with panic function: M-SVP 2200
- 02** Locking cylinder dormakaba penta
- 03** Detachable cable transfer KÜ-480 and LK 12
- 04** TS 98 XEA, slide rail door closer
- 05** SVP-S control unit for motor locks, for all relevant functions
- 06** Access management software, as required
- 07** Access manager 92 30 for connecting 2 compact readers or registration units
- 08** Registration unit 90 00 built into an intercom module (Behnke, Siedle)

**Specifications and classifications for Solution 5**

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | Complies with EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection up to RC4 depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

## Façades

# Kindergarten door with high level of safety

The combination of controlled hinged door operator and panic motor lock facilitates access for parents and guardians and keeps children safe. In an emergency, everyone can leave the building safely.

**Requirement:**

The requirements for a kindergarten door are high. Unlimited access to the building should only be possible during predefined peak times. On the one hand, this prevents uncontrolled access by unauthorized persons, and, on the other, the unauthorized exit of protected persons from the secured area.

**Solution:**

The SafeRoute system with hinged door operator ED 250, multipoint motor lock M-SVP 2200 and registration unit on the outside of the door. During drop-off and collection times, parents have unlimited access. At all other times, the door remains closed. Only authorized persons with an access medium can enter from the outside. From the inside, the door can be opened by the door-open button, which cannot be reached by children. In an emergency, staff and children can always escape with the help of the emergency button in the SafeRoute terminal.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/kindergartentuer-mit-hoher-sicherheit](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/kindergartentuer-mit-hoher-sicherheit)

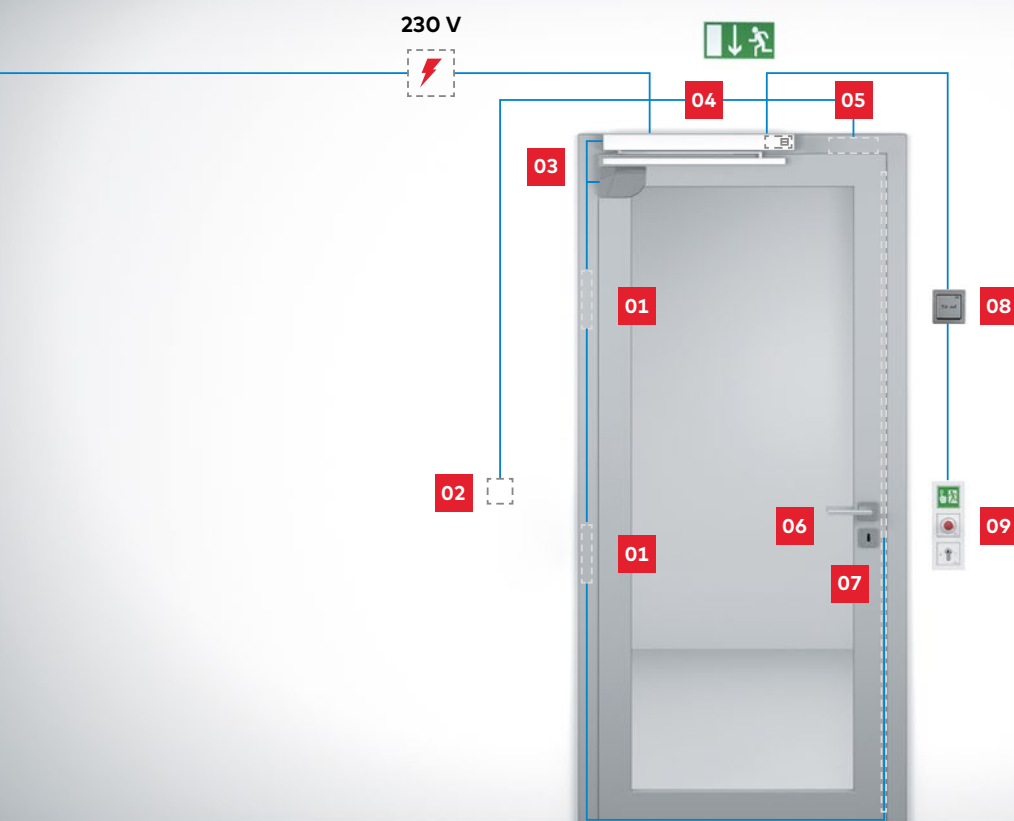
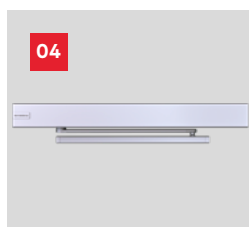


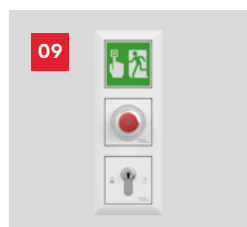
Diagram: View from inside

**Registration unit 90 01**

The registration unit 90 01 has an innovative design, a high-gloss finish and a compact construction.

**Hinged door operator ED 250**

Virtually imperceptible, even acoustically. The discreet power of Power Assist ensures genuine accessibility.

**Escape route safety system SafeRoute**

Monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring always provides relevant information about the status.

**Product overview**

- 01** Detachable cable transfer KÜ-480 and LK 12
- 02** Registration unit 90 01
- 03** Flatscan safety sensors
- 04** ED 250 for doors up to 1,600 mm wide and 400 kg in weight with integrated remote reader 91 15
- 05** Door lock STV 500
- 06** Self-locking multipoint motor lock with panic function: M-SVP 2200
- 07** Locking cylinder dormakaba gemini plus
- 08** Door-open button
- 09** Escape route safety system SafeRoute UP with flexible license model

**Specifications and classifications for Solution 6**

✓	Fire protection
✓	<b>Accessibility</b>   According to DIN 18040 and DIN SPEC 1104
✓	<b>Escape route/escape route safety system</b>   According to EN 179   EltVTR for electrical escape route safety systems   Complies with EN 1125 for panic doors with horizontal push bar
✓	<b>Access control system</b>
✓	<b>Break-in prevention device</b>   Break-in protection depending on approval
✓	Interior design
✓	<b>Emergency opening</b>
✓	<b>Service</b>   Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005



## Façades

# Double-leaf escape door for large buildings

When there are two door leaves, a sturdy lock and fast emergency opening place high demands on the mechanical control unit. The door rebates connect to each other at several points without jamming. Access is gained using the handle bar with panic door fitting or emergency button.

**Requirement:**

In buildings in which larger groups of people assemble, double-leaf doors provide a safe escape route in an emergency. In normal operation, the SafeRoute system ensures that access from outside is enabled with a key switch, while simultaneously preventing incorrect operation and misuse.

**Solution:**

People fleeing the building can see instantly how it works, panic and pile-ups are actively avoided. The door is unlocked by the extremely visible emergency button on the SafeRoute terminal. The escape door is immediately unlocked and is opened by pushing the panic handle bar. Status information allows the facility operator to react in the event of the door being misused. The self-locking multi-point panic lock M-SVP 5500 provides increased break-in protection, as the mechanical self-locking acts at three points immediately after closing. The sequential locking control of the TS 98 XEA door closer allows the two rebates of the door leaves to interlock without jamming.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-fluchttuer-fuer-grosse-gebaeude](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-fluchttuer-fuer-grosse-gebaeude)

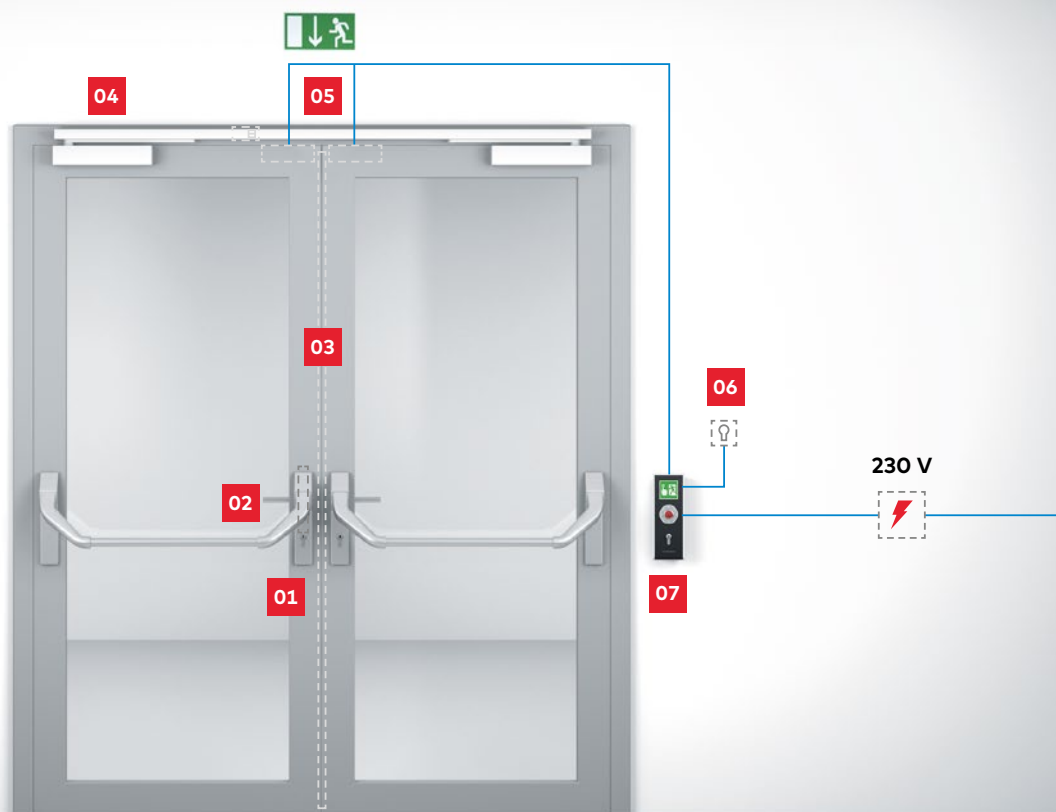


Diagram: View from inside



#### dormakaba penta cross locking cylinder

Offers a high level of protection against most common opening methods and illegal copying of keys.



#### TS 98 XEA GSR BG

Door closer with sequential locking control for 2 XEA design door leaves.



#### Escape route safety-system SafeRoute

Monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring provides relevant information about the status.

#### Product overview

- 01** dormakaba penta cross locking cylinder
- 02** Panic handle bar PHA 2500
- 03** Self-locking multipoint panic lock: M-SVP 5500 + M-SVP GK
- 04** Sequential locking control for 2 door leaves: TS 98 XEA GSR BG
- 05** Door lock STV 500
- 06** Locking and unlocking: key switch
- 07** Escape route safety system SafeRoute AP with flexible license model

#### Specifications and classifications for Solution 7

✓	Fire protection
✓	<b>Accessibility</b>   According to DIN 18040
✓	<b>Escape route/escape route safety system</b>   According to EltVTR for electrical escape route safety systems   Complies with EN 1125 for panic doors with horizontal push bar
✓	Access control system
✓	<b>Break-in prevention device</b>   Break-in protection depending on approval
✓	Interior design
✓	<b>Emergency opening</b>
✓	<b>Service</b>   Mounting, commissioning and maintenance







## **Stairs, corridors and basements**

No space should be ignored. Even these simple connecting routes place extremely high demands on safety technology. Because unauthorized persons also use these areas and, in the worst-case scenario, fire can break out here in all directions. Mobility and security can both be improved with smart mechanics.

Stairs, corridors and basements

# Additional entrance and second escape route

A secure access control system is also important for additional entrances. In an emergency, the additional entrance serves as a secure escape route.

## Requirement:

In many buildings, additional entrances must also be able to be used as emergency and escape routes. Break-in protection and monitoring must be guaranteed, depending on the approval in the area of the door. The responsible personnel must be directly informed of the door status.

## Solution:

The additional entrance is constructed as a single-leaf tubular frame door with the reliable slide rail door closer TS 98 XEA. The SVP 6000 lock automatically locks the door at two points every time it is closed. In an emergency, the door can always be opened in the direction of escape using the door handle. The outside handle can be electrically operated. Thanks to the feedback contacts in the lock, the door information can be used. The dormakaba access management system seamlessly integrates the access control system into the building organization.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/nebeneingang-und-zweiter-fluchtweg](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/nebeneingang-und-zweiter-fluchtweg)

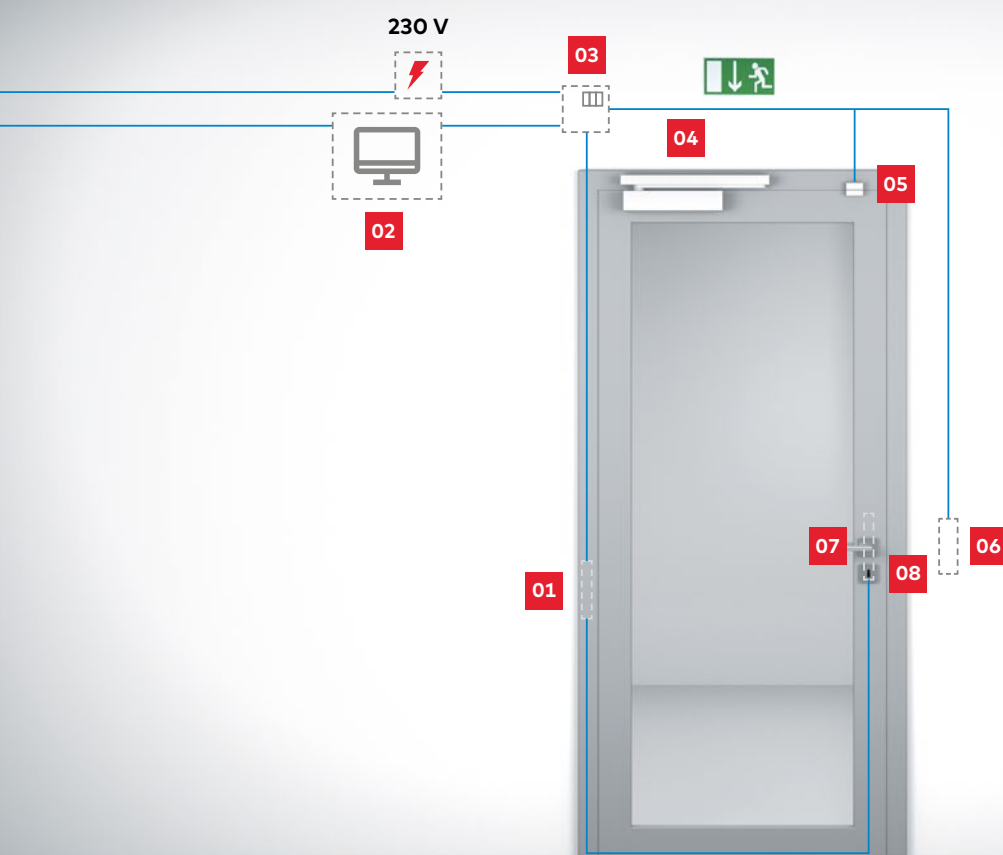


Diagram: View from inside



**Access manager 92 00**  
An efficient control unit for all modern safety concepts, manages and controls up to 12 doors, depending on the system solution.



**Registration unit 90 04**  
Streamlined, compact, integrates seamlessly, mounted directly on the door frame, separately from the control unit. Waterproof and weatherproof, also suitable for outdoor use.



**dormakaba quattro plus**  
The modular design and the option of subsequently upgrading the locking system and mechanical key with RFID transponders offer flexibility and investment security.

#### Product overview

- 01** Detachable cable transfer KÜ-480 and LK 12
- 02** Access management software, as required
- 03** Access manager 92 00
- 04** Slide rail door closer TS 98 XEA
- 05** Door contact TK
- 06** Registration unit 90 04
- 07** Self-locking panic lock SVP 6000
- 08** Locking cylinder dormakaba quattro plus

#### Specifications and classifications for Solution 8

- ✓ **Fire protection** | Optional
- ✓ **Accessibility** | According to DIN 18040
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance



Stairs, corridors and basements

# Fully automated double-leaf fire protection door

Fully automated double-leaf doors provide wide, barrier-free passageways that are easy to walk through. Combined with access control system and panic locks.

**Requirement:**

The creation of a wide passageway that is barrier-free and easy to walk through. External access should be for authorized persons only. The door should lock automatically every time it is closed. In the event of fire or an emergency, the door solution functions as a reliable safety element of the building.

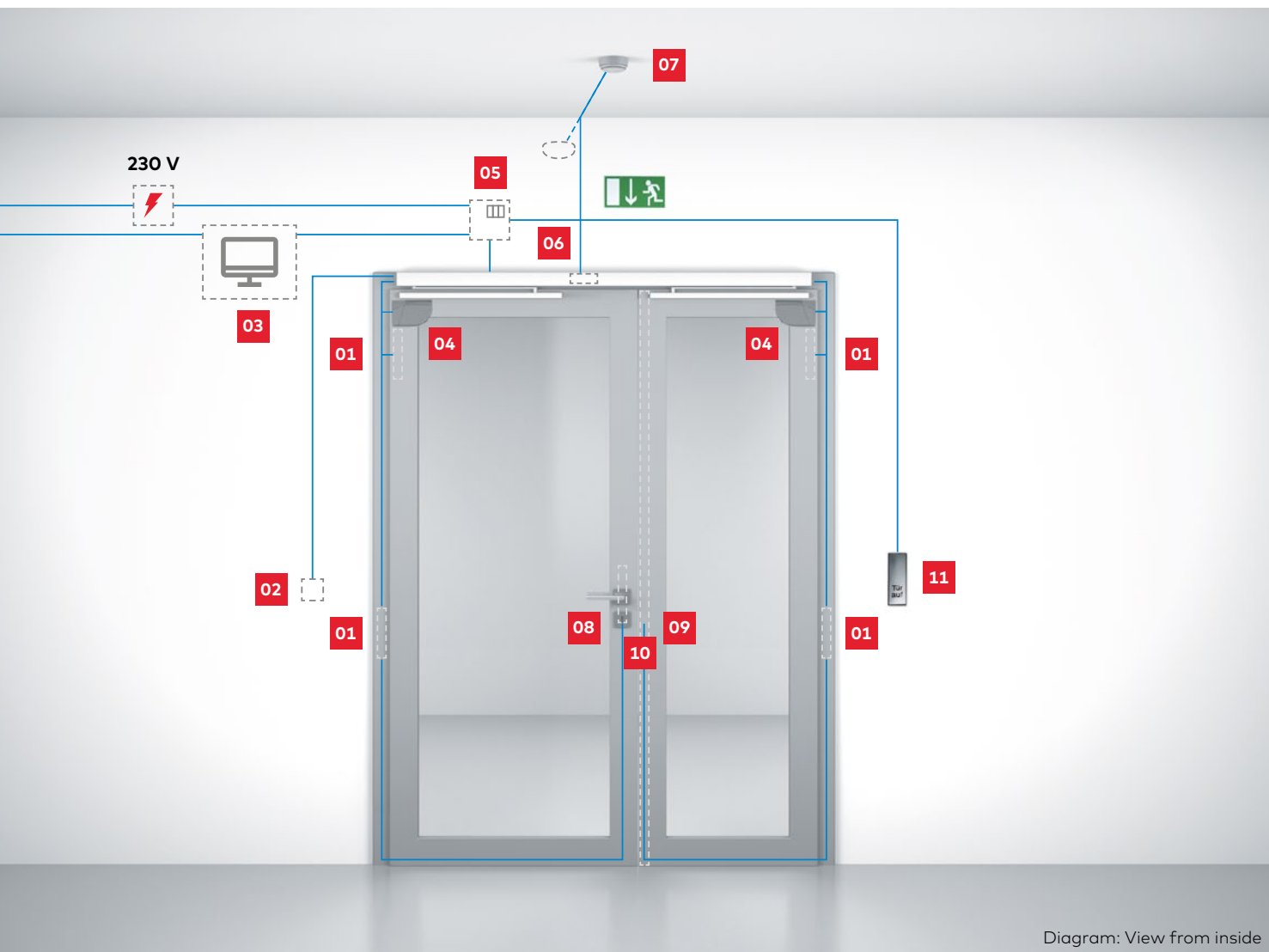
**Solution:**

Two ED 250 hinged door operators automate both door leaves. In an emergency, the smoke detector built into the operator detects the smoke and closes the doors automatically. Authorized users use their access medium to gain access to the inner area via the compact reader 91 10, as the self-locking panic locks unlock and the doors open fully automatically. If users want to leave this area again, they simply press the manual switch.



For more detailed information about the solutions and products, see:

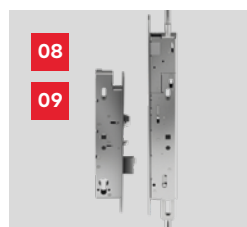
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/vollautomatisierte-zweifluegelige-brandschutztuer](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/vollautomatisierte-zweifluegelige-brandschutztuer)



**Compact reader 91 10**  
Innovative design, high-gloss finish, compact construction. Can be used as an online subterminal in all access solutions.



**Hinged door operator ED 250**  
The operator has small dimensions and can easily be adapted to individual requirements thanks to its modular design.



**SVA 2000 F/SVI 2000 F**  
The combination of active door leaf lock (SVA) and passive door leaf lock (SVI) automatically locks the door every time it is closed.

#### Product overview

- 01** Detachable cable transfer KÜ-480 and LK 12
- 02** Compact reader 91 10
- 03** Access management software, as required
- 04** Flatscan safety sensors
- 05** Access manager 92 00
- 06** Hinged door operator ED 250 with integrated smoke detector panel
- 07** Optional smoke detector RM-N on both sides if there is a lintel  $\geq 1,000$  mm
- 08** Self-locking motorized panic lock, active SVA 2000 F
- 09** Self-locking motorized panic lock, inactive SVI 2000 F
- 10** Locking cylinder dormakaba pextra+
- 11** Manual switch

#### Specifications and classifications for Solution 9

- ✓ **Fire protection** | Use up to EN 6 = door width 2,800 mm
- ✓ **Accessibility** | According to DIN 18040
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Stairs, corridors and basements

# Manually operated double-leaf fire protection door

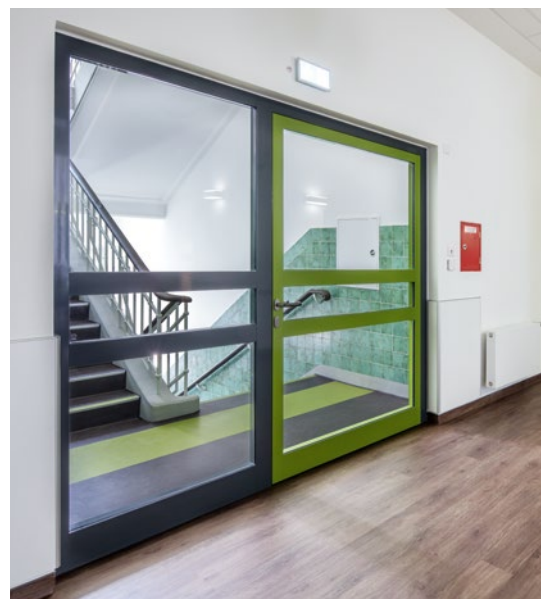
Landings often separate different fire zones and are designed with double-leaf fire protection doors. At the same time, they should be easy for authorized persons to enter.

## Requirement:

For stairs and landings, there's no escaping the standards for fire protection, escape route and break-in protection. Manually operated doors must also meet all relevant criteria and must be accessible on a daily basis.

## Solution:

On a double-leaf fire protection door, the door closer TS 98 XEA GSR BG with sequential locking control ensures that the active door leaf closes after the passive door leaf without jamming. The combination of the SVA 6000 and SVI 5000 locks the door automatically. The lock contains a feedback contact for querying the door status. Access is granted by a compact reader and RFID badges.



For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluigelige-brandschutztuer-mit-manueller-bedienung](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluigelige-brandschutztuer-mit-manueller-bedienung)



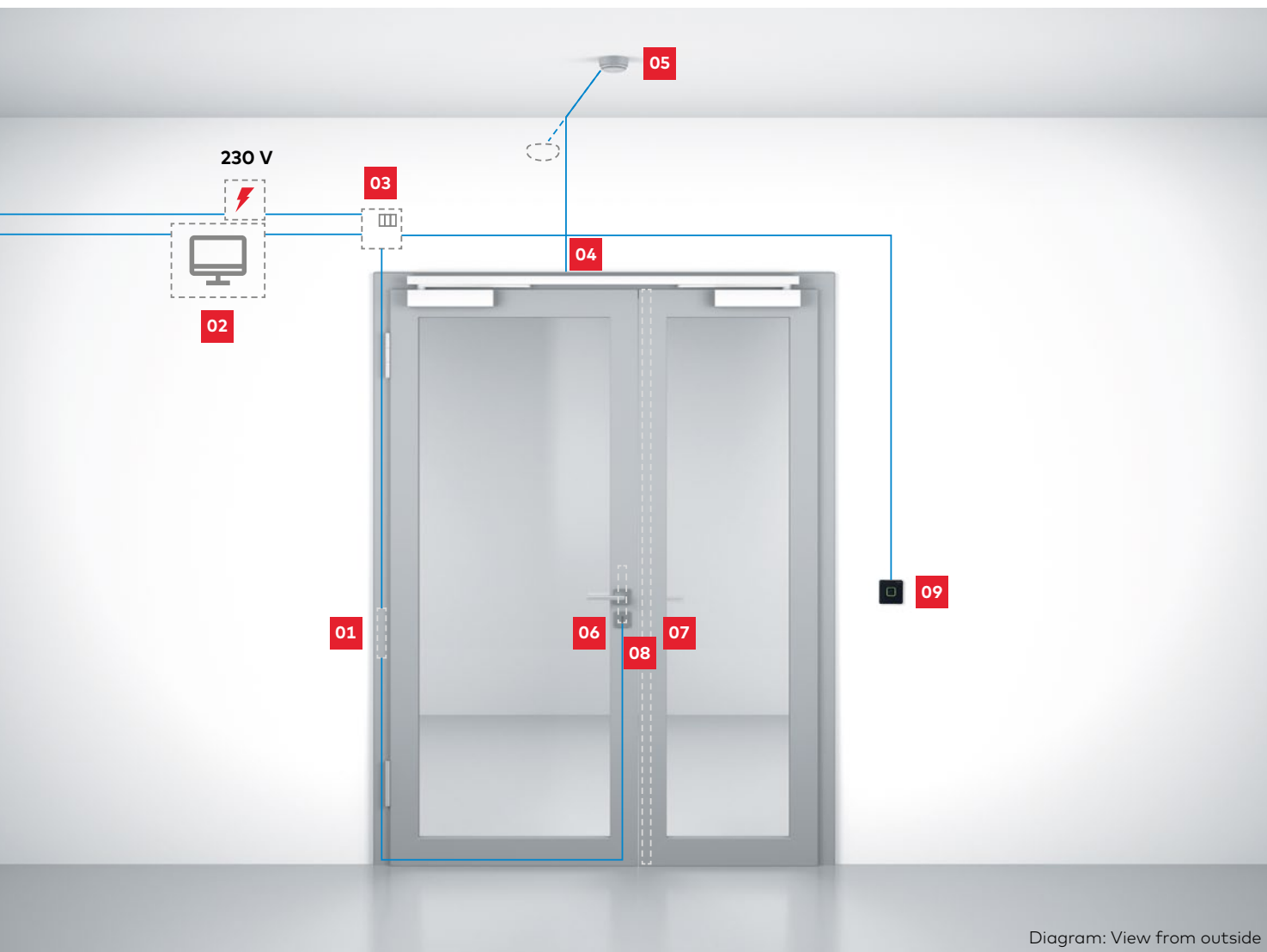
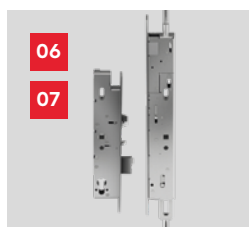


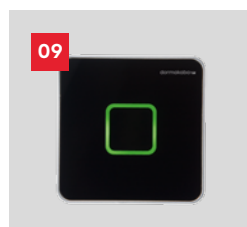
Diagram: View from outside

**TS 98 XEA G-SR**

Slide rail door closer with sequential locking control, independent of the hydraulic push rod clamping system.

**SVA 6000 and SVI 5000**

The combination of active door leaf lock (SVA) and passive door leaf lock (SVI) automatically locks the door every time it is closed.

**Compact reader 9110**

Innovative design, high-gloss finish, compact construction. Can be used as an online subterminal in all access solutions.

**Product overview**

- 01** Detachable cable transfer KÜ-480 and LK 12
- 02** Access management software, as required
- 03** Access manager 92 00
- 04** Slide rail door closer with sequential locking control TS 98 XEA G-SR
- 05** Optional smoke detector RM-N on both sides if there is a lintel  $\geq 1,000$  mm
- 06** Self-locking, push button-controlled panic lock, active SVA 6000
- 07** Self-locking mechanical panic lock, inactive SVI 5000
- 08** Locking cylinder dormakaba gemini plus
- 09** Compact reader 91 10

**Specifications and classifications for Solution 10**

- ✓ **Fire protection** | DIN EN 1154, DIN EN 1155, DIN EN 1158, DIN EN 14637
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

Stairs, corridors and basements

# Controlled and automated access and escape route

In larger buildings with high volumes of traffic, in the event of a fire the door between the underground garage and the building interior serves as an escape route. At the same time, it regulates access for authorized persons.

## Requirement:

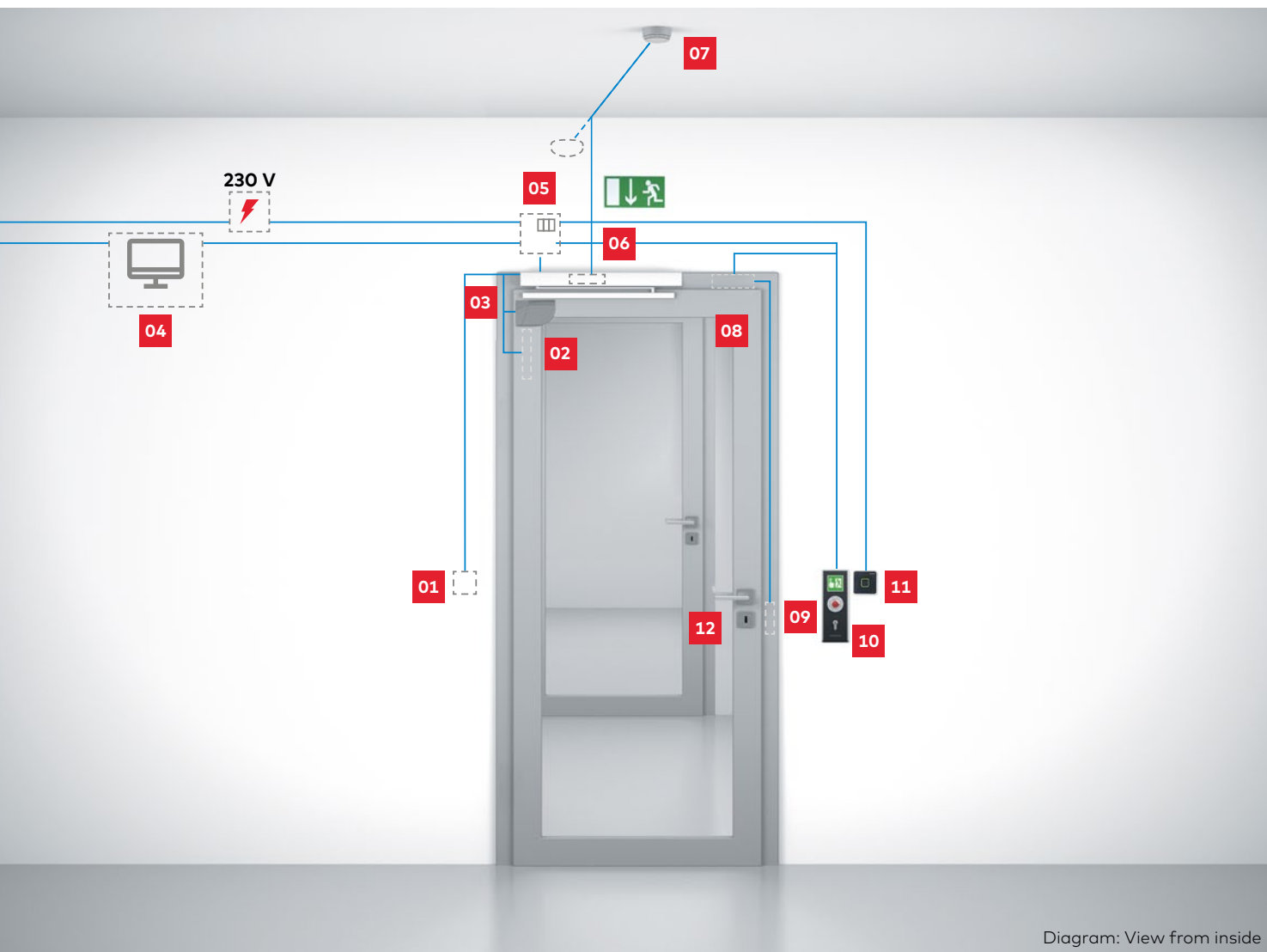
The area between the underground garage and the elevators inside the building must be controllable and user-friendly, because of the multiple access authorizations and because those entering the area often do not have any hands free. In the event of a fire, the door serves as an escape route to the safe area.

## Solution:

Many people with different objectives come and go via the elevators in administrative buildings, hotels, shopping malls, hospitals and apartment blocks. In the passageway from and to the underground garage, a single-leaf power-operated door offers the necessary security and frequency of passage. The hinged door operator opens the door once approved by the access control system. The escape route safety system SafeRoute ensures that in an emergency, the door can be used as an emergency and escape route even without access authorization.



For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/kontrollierter-und-automatisierter-zugang-und-gleichzeitig-fluchtweg](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/kontrollierter-und-automatisierter-zugang-und-gleichzeitig-fluchtweg)



#### Hinged door operator ED 250

In the fully automatic version, moves quietly and controls doors up to 1,600 mm in width and 400 kg in weight.



#### Escape route safety system SafeRoute

Monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring always provides relevant information about the status.



#### Compact reader 9110

Innovative design, high-gloss finish, compact construction.

#### Product overview

- 01 Door-open button
- 02 Detachable cable transfer KÜ-480 and LK 12
- 03 Flatscan safety sensors on both sides
- 04 Access management software, as required
- 05 Access manager 92 00
- 06 ED 250 with integrated smoke detector unit RM ED
- 07 Optional smoke detector RM-N on both sides if there is a lintel  $\geq 1,000$  mm
- 08 Door lock STV 500
- 09 Electric door opener Fire 448 Lucky
- 10 Escape route safety system SafeRoute AP with flexible license model
- 11 Compact reader 91 10
- 12 Locking cylinder dormakaba quattro plus

#### Specifications and classifications for Solution 11

- ✓ **Fire protection** | Up to a door leaf width of 1,400 mm
- ✓ **Accessibility** | According to DIN 18040
- ✓ **Escape route/escape route safety system** | According to EN 179 | Approved in accordance with the Directive on electrical locking systems of doors in escape routes (ElTVTR) | Complies with EN 13637 for electrically controlled emergency exit systems
- ✓ **Access control system**
  - ✓ Break-in prevention device
  - ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

TEXTLÄNGE



Stairs, corridors and basements

# Interlock door, single-leaf area entrance door

Access control system, fire protection and escape route, combined in a manually opened door.

## Requirement:

Two consecutive doors create an interlock. A conventional slide rail door closer often doesn't close doors well enough. Either the door closes much too loudly or the lock latch does not fall into the striking plate, so that the door remains open. This regularly leads to the door closer's closing force being increased. As a result, even more human force is required to open the door and the noise of the door closing can be clearly heard in the building when the second interlock door is open. In addition, only authorized persons should be given access.

## Solution:

The slide rail door closer TS 98 XEA. EASY OPEN technology enables easy, barrier-free door opening according to DIN SPEC 1104 and DIN 18040 (up to a door leaf width of 1,250 mm), (up to size EN 5). The new Soft-Flow technology enables very quiet, reliable closing thanks to the additional closing range of 15° to 0°. The electronic door fitting c-lever pro ensures access for authorized persons. The self-locking panic lock SVP 5000 locks automatically. The panic function allows the door to be opened at any time in the escape direction by simply pressing down the door handle.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleusentuer-einfluegelige-bereichseingangstuer](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleusentuer-einfluegelige-bereichseingangstuer)

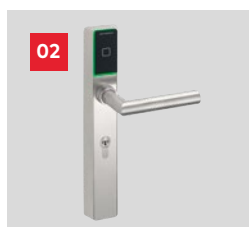


Diagram: View from outside



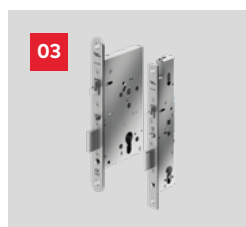
#### Slide rail door closer TS 98 XEA

The slide rail door closer TS 98 XEA meets high standards of quality, convenience and design.



#### Electronic door fitting c-lever pro

Suitable for exterior and security doors. Smart access with card, key fob, key with RFID or smartphone.



#### SVP 5000

The SVP 5000 panic lock is particularly suitable for apartment or house doors as well as for doors on properties that do not have to be surveilled.

#### Product overview

- 01** Slide rail door closer  
TS 98 XEA
- 02** Electronic door fitting  
c-lever pro
- 03** Self-locking panic lock SVP 5000
- 04** Locking cylinder dormakaba penta

#### Specifications and classifications for Solution 12

- ✓ **Fire protection** | DIN EN 1154
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Optional and depending on the system check
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

Stairs, corridors and basements

# Locked door in the corridor, single-leaf

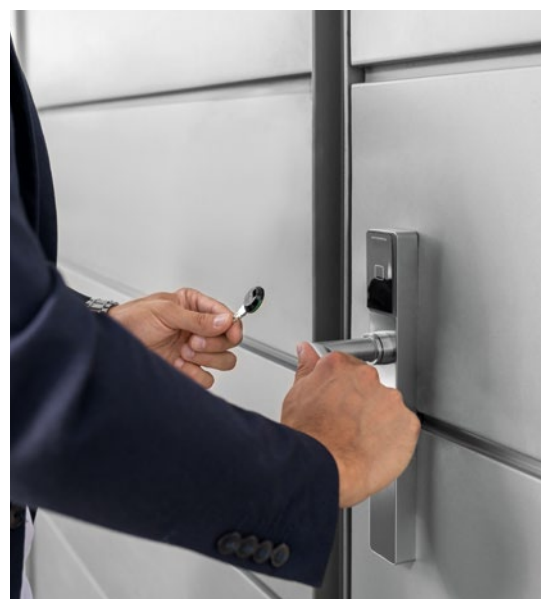
Open, heavily frequented corridors quickly become a safety risk in the event of a fire. Open doors need a door-holding device that automatically closes quickly and safely.

## Requirement:

Corridors that many people use without restriction require a permanent door-holding device that can be automatically triggered in the event of smoke development. A built-in smoke detector must transmit the trigger signal even in case of power failure. When closed, the door must be easy to open, with a standard-compliant low opening torque for accessibility.

## Solution:

A full-leaf door, which remains open in normal conditions, is held electromechanically by door closer TS 93. TS 93 is a modular system that can also be fitted with a built-in smoke detector. The unit will therefore react automatically even in case of power failure. If the door is closed, it can easily be moved thanks to the reduced opening torque. Standard-compliant accessibility is ensured. The door can also be fitted with an access control system. The door handle c-lever pro combines all functions and access via an RFID medium or Bluetooth in a streamlined electronic fitting.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/  
systemloesungen/tuerloesungen-planen/  
festgestellte-tuer-im-flur-einfluegelig](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/festgestellte-tuer-im-flur-einfluegelig)



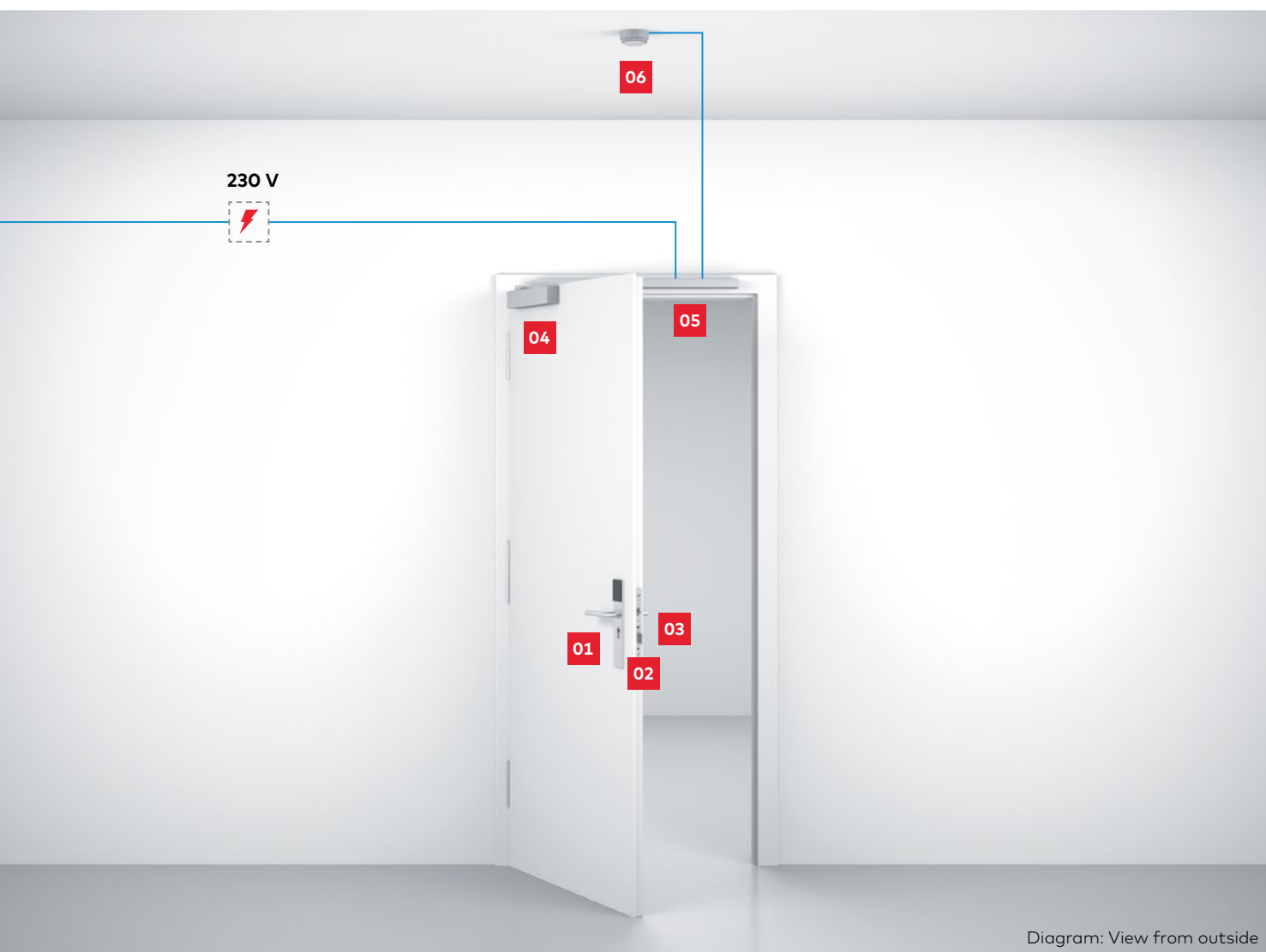
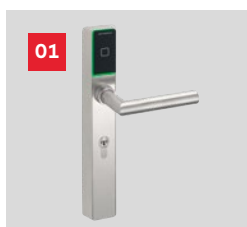


Diagram: View from outside



#### Electronic door fitting c-lever pro

Suitable for exterior and security doors. Smart access with card, key fob, key with RFID or smartphone.



#### Door closer TS 93 system

for single- and double-leaf doors. Easy opening, delayed closing, up to a door leaf width of 1,600 mm.



#### Slide rail G-EMR

with electromechanical door holder, holding point with a range of 80° to 140°, integrated power supply unit and smoke detector.

#### Product overview

- 01** Electronic door fitting c-lever pro
- 02** Locking cylinder dormakaba penta cross
- 03** Self-locking panic lock SVP 5000
- 04** Door closer TS 93
- 05** Slide rail G-EMR
- 06** Optional smoke detector RM-N on both sides if there is a lintel  $\geq 1,000$  mm

#### Specifications and classifications for Solution 13

✓	<b>Fire protection</b>   DIN EN 1154, DIN EN 1155, DIN EN 14637
✓	<b>Accessibility</b>   According to DIN 18040 and DIN SPEC 1104
✓	<b>Escape route/escape route safety system</b>   According to EN 179
✓	<b>Access control system</b>
✓	<b>Break-in prevention device</b>   Optional and depending on the system check
✓	Interior design
✓	<b>Emergency opening</b>
✓	<b>Service</b>   Mounting, commissioning and maintenance

Stairs, corridors and basements

# Locked door in the corridor, double-leaf

In the event of a fire, two door leaves in a wide corridor must close quickly and safely. The mechanical sequential locking control prevents the doors from becoming jammed.

## Requirement:

Corridors that many people use without restriction require a permanent door-holding device that can be automatically triggered in the event of smoke development. A built-in smoke detector must transmit the trigger signal even in case of power failure. When closed, the doors must be easy to open, with a standard-compliant low opening torque for accessibility.

## Solution:

A fire protection door that remains permanently open in normal conditions, is held electromechanically by door closer TS 93. In the double-leaf design, one of the door leaves can be open, while the other is normally used as a passive door leaf. Alternatively, both leaves are open. Either way, the carry bar and the sequential locking control ensure that the door leaves close safely, in the correct order and without jamming – even if one of the leaves is open at an unfavorable angle. The TS 93 system's modular design allows it to be upgraded, for example with an integrated smoke detector. The system will therefore react automatically even in case of power failure. If the door leaves are closed, they can easily be moved thanks to the reduced opening torque.



You can download the relevant product documentation here:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/festgestellte-tuer-im-flur-zweifluegelig](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/festgestellte-tuer-im-flur-zweifluegelig)

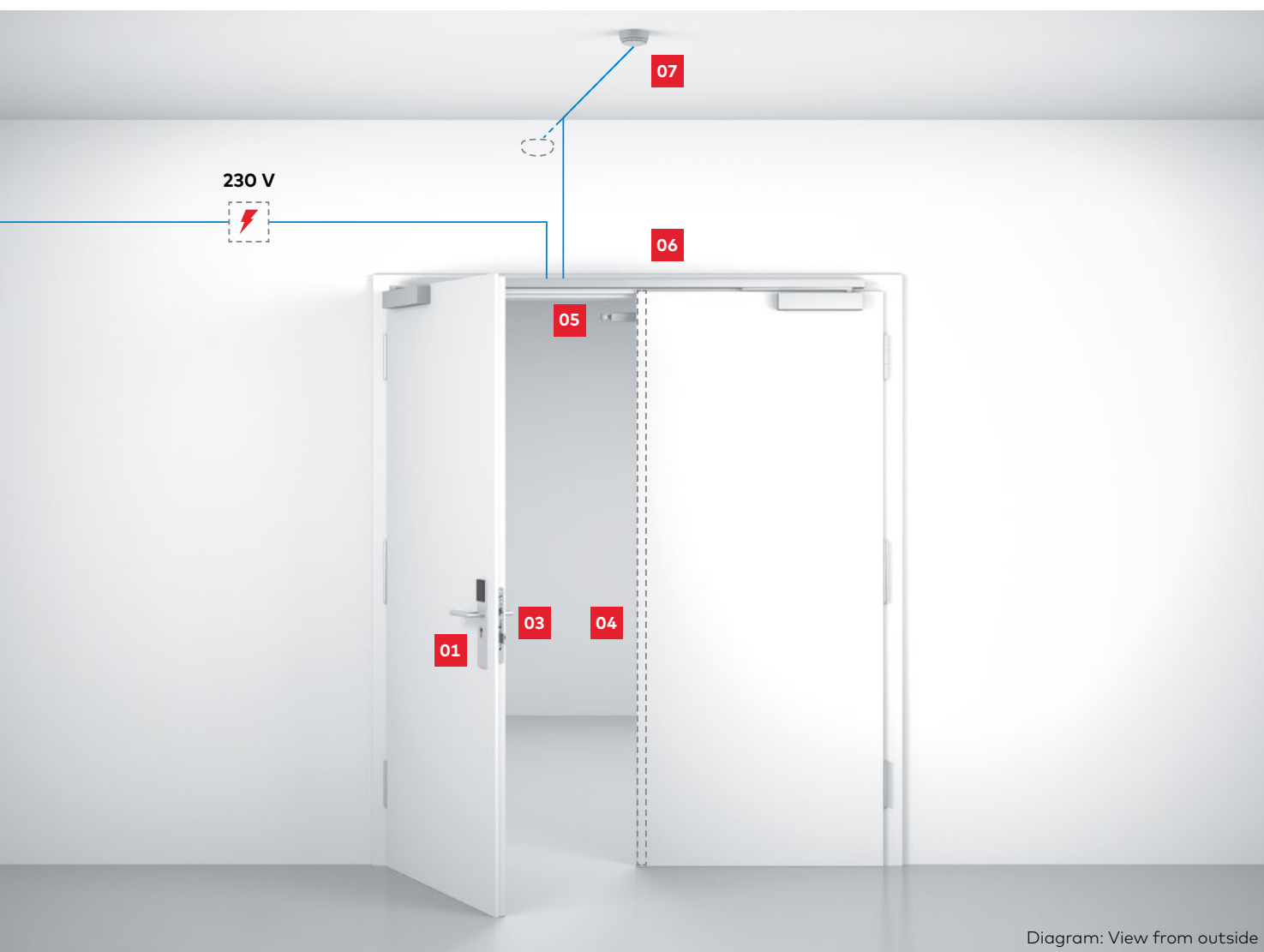


Diagram: View from outside



#### Electronic door fitting c-lever pro

Suitable for exterior and security doors. Smart access with card, key fob, key with RFID or smartphone.



#### Carry bar MK 396

for double-leaf doors in combination with sequential locking control. Safe re-closing without jamming.



#### 2 door closers TS 93

Combination for double-leaf doors. Delayed closing, optional integration of smoke detector, up to a door leaf width of 1,600 mm. Accessible.

#### Product overview

- 01** Electronic door fitting c-lever pro
- 02** Locking cylinder dormakaba penta
- 03** Self-locking mechanical panic lock, active SVA 5000
- 04** Self-locking mechanical panic lock, inactive SVI 5000
- 05** Carry bar MK 396
- 06** Slide rail door closer with sequential locking control and integrated smoke detector panel TS 93 GSR-EMR
- 07** Optional smoke detector RM-N on both sides if there is a lintel  $\geq 1,000$  mm

#### Specifications and classifications for Solution 14

- ✓ **Fire protection**
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Optional and depending on the system check
- ✓ **Interior design**
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance



Stairs, corridors and basements

# Single-leaf door for mechanical rooms

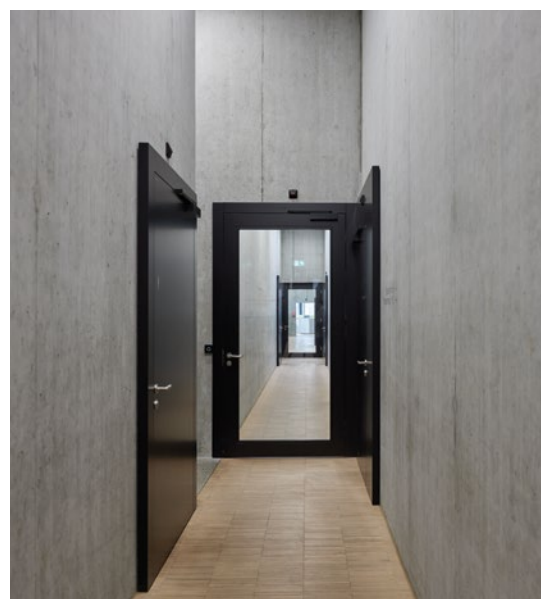
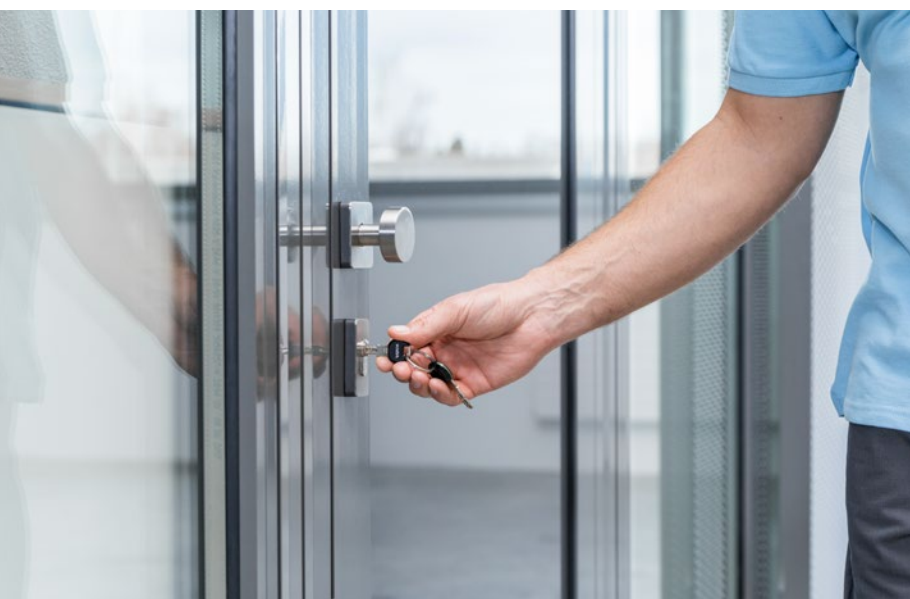
Important data and the electricity and power supplies are housed in the basements of large buildings. Only authorized persons should be permitted to access these areas.

**Requirement:**

Unauthorized access to sensitive technology in the basement must be prevented at all costs. A door closer must ensure that the door closes immediately after someone enters. Access is regulated by a locking plan to ensure that only authorized persons are given access.

**Solution:**

The locking plan clearly regulates who is given locking authorization in the form of a key and thus access to the mechanical room. For emergencies, a master key is stored for emergency services personnel in a secure key depot.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/einfluegelige-tuer-fuer-technikraeume](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/einfluegelige-tuer-fuer-technikraeume)



Diagram: View from inside



#### Locking cylinder dormakaba penta

A locking system can be used to map the building structure and thus regulate access to particular doors or areas.



#### SVP 5000

Self-locking panic lock SVP 5000. The SVP 5000 panic lock is particularly suitable for apartment or house doors as well as for doors on properties that do not have to be surveilled.



#### TS 92

The TS 92 is suitable for accessible doors according to DIN 18040 for door widths up to 1,100 mm. EASY OPEN technology makes the door particularly effortless to open and meets the requirements of DIN SPEC 1104.

#### Product overview

- 01** Locking cylinder dormakaba penta
- 02** Self-locking panic lock SVP 5000
- 03** Freewheel door closer TS 92 FLR

#### Specifications and classifications for Solution 15

- ✓ **Fire protection** | DIN EN 1154
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system** | Depending on system and approval
- ✓ **Break-in prevention device** | Optional and depending on the system check
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

Stairs, corridors and basements

# Double-leaf doors for mechanical rooms

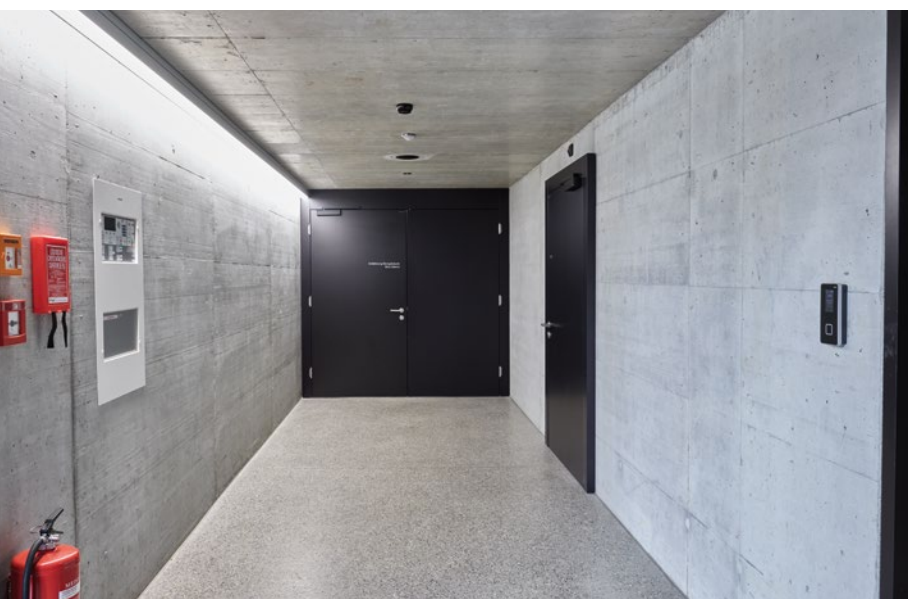
Wide door systems require complex mechanics. The secure closure offered by two door leaves, paired with an electronic access control system, protects basement areas full of sensitive technology.

## Requirement:

Unauthorized access to sensitive technology in the basement must be prevented at all costs. A door closer must ensure that the doors close immediately after someone enters. Access is closely regulated in terms of time and room by a digital cylinder.

## Solution:

EASY OPEN technology enables slide rail door closers TS 92 and TS 93 to provide standard-compliant and visible accessibility with even heavy doors opening surprisingly easily. On a double-leaf door, two slide rail door closers work in synchronicity. The mechanical sequential locking control ensures the door will close without jamming, even if it has previously been opened incorrectly. The digital cylinder grants authorized access without the need for a key. Its integrated receiver detects RFID media or an authorized smartphone. The mechanics add the finishing touch: the system cannot be bypassed by the second door leaf.



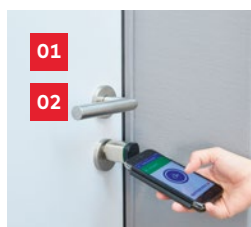
For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-tueren-fuer-technikraeume](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-tueren-fuer-technikraeume)

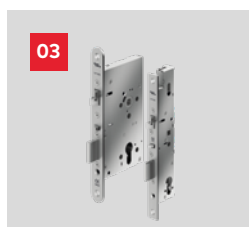




Diagram: View from outside

**Digital cylinder**

Practical: can also be easily retrofitted on existing doors.

**Self-locking panic lock SVP 5000**

The SVP 5000 panic lock is particularly suitable for apartment or house doors as well as for doors on properties that do not have to be surveilled.

**Door closer with sequential locking control TS 93 GSR**

for double-leaf doors. Easy opening, delayed closing, optional integration of smoke detector, up to a door leaf width of 1,600 mm.

**Product overview**

- 01** Digital cylinder
- 02** dormakaba Mobile Access
- 03** Self-locking panic lock SVP 5000
- 04** Carry bar MK 396
- 05** Door closer with sequential locking control TS 93 GSR
- 06** Horizontal passive door leaf lock

**Specifications and classifications for Solution 16**

- ✓ **Fire protection** | DIN EN 1154, DIN EN 1158
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to EN 179
- ✓ **Access control system**
  - ✓ Break-in prevention device
  - ✓ Interior design
  - ✓ Emergency opening
  - ✓ Service | Mounting, commissioning and maintenance

Stairs, corridors and basements

# Interlock with two automated doors and access management

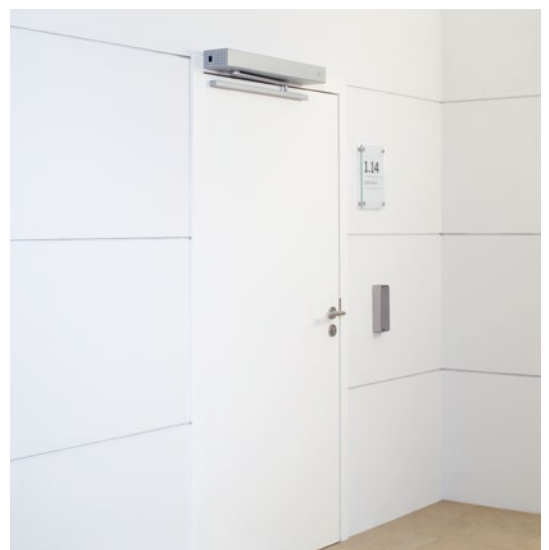
Two system-controlled doors form an interlock system to separate rooms very securely. The connected control unit integrates access regulation and escape route technology.

## Requirement:

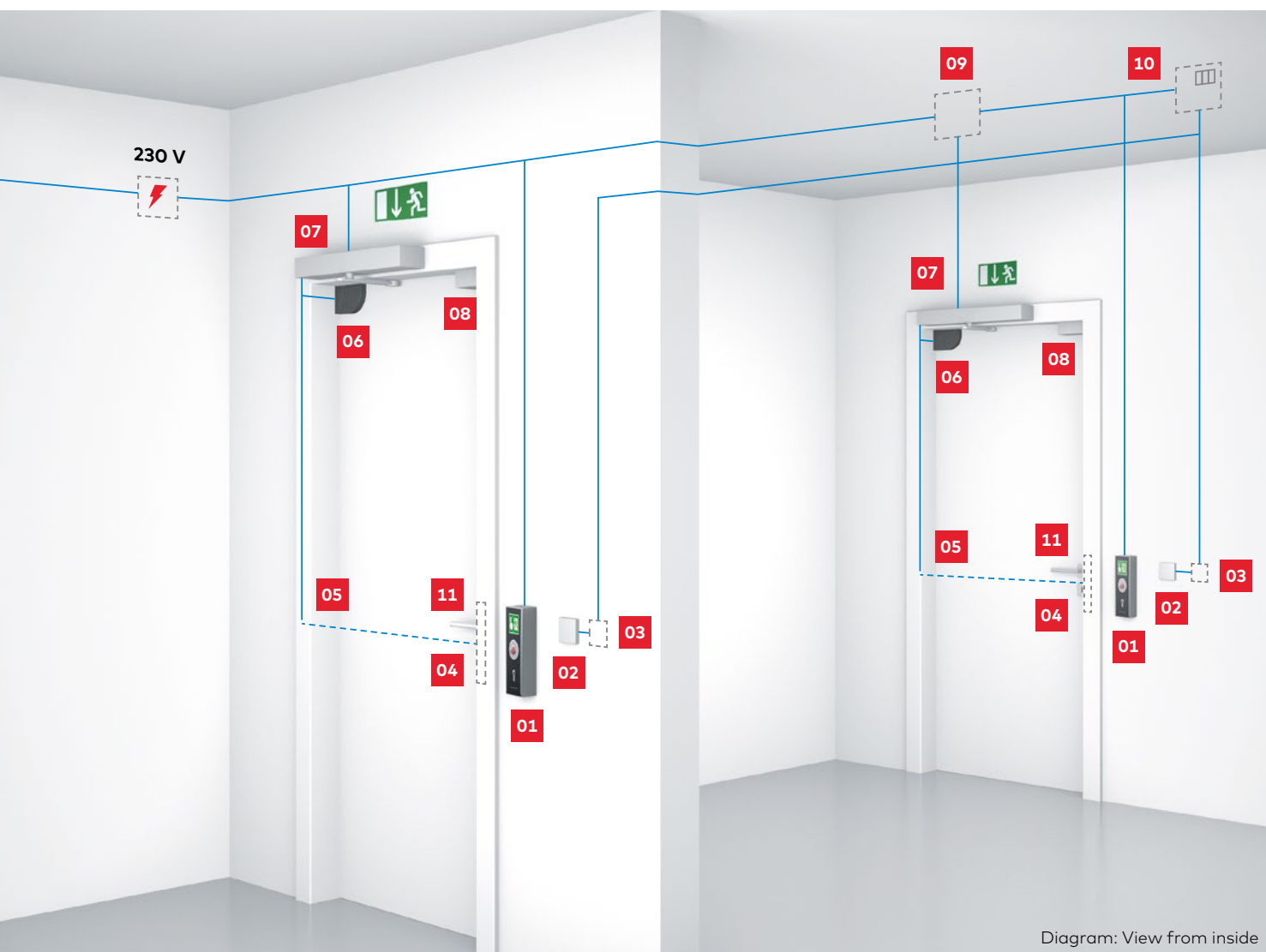
Two interlocking doors create an interlock. Interlocks are an important component in buildings with high requirements such as hospitals, for example, depending on whether personal safety, decontamination or isolation is required. Users should be able to prove their identity at the first interlock door. Depending on the first door's opening and closing process, the second interlock door opens automatically. The intervals at which the doors open should be able to be adapted to the situation at hand. In case of panic, a person must be able to escape safely.

## Solution:

Both interlock doors are fitted with ED 100/250 hinged door operators. All relevant components are connected via the access manager (controller). This allows users to identify themselves using an access medium on the compact reader 91 10. The first interlock door opens automatically as soon as the user has identified themselves. The second door opens as soon as the first closes. Repeat authorization is not required. The SafeRoute escape route safety system monitors and controls the locking. In an emergency, the door is unlocked. The integrated illuminated ring provides relevant information about the status.

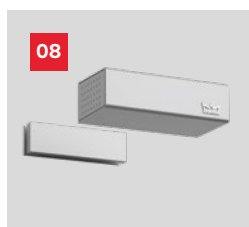


For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleuse-mit-zwei-automatisierten-tueren-und-zutrittsregelung](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleuse-mit-zwei-automatisierten-tueren-und-zutrittsregelung)



#### Escape route safety system SafeRoute

Monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring provides relevant information about the status.



#### STV 200

The electromagnetic door lock. Depending on the type of license, up to 4 doors can be controlled via DCW®.



#### Remote escape route control SCU DR

The state-of-the-art hinged door operators ED 100/ED 250 are easy to handle and extremely flexible.

#### Product overview

- 01** Escape route safety system SafeRoute AP with flexible license model
- 02** Non-contact sensor button
- 03** Compact reader 91 10
- 04** Self-locking motorized panic lock SVP 2000
- 05** Detachable cable transfer KÜ-480 and LK 12
- 06** Flatscan safety sensors
- 07** Hinged door operator ED 100/250
- 08** Door lock STV 200
- 09** Remote escape route control unit SCU DR
- 10** Access manager 92 00
- 11** Locking cylinder dormakaba quattro plus

#### Specifications and classifications for Solution 17

- ✓ **Fire protection** | Optional
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | In accordance with EltVTR, EN 13637 and EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Stairs, corridors and basements

# Interlock with two manually operated doors

Interlocks can also be designed with manually operated doors. Authorized persons can independently gain access at any time.

## Requirement:

Two interlocking doors create an interlock. The area between the doors creates a barrier between two environments. Access authorizations are adapted to the purpose of the interlock, from clean rooms, operating theaters or other kinds of partitions. Only an emergency backup system allows direct passage through two simultaneously opened doors.

## Solution:

The system consists of two doors that are never open at the same time, except when controlled by the SafeRoute system as an escape route. If the first interlock is opened by a sensor button or via a card reader, the second door remains closed. If the first door is closed, the second door can be unlocked. The person in the interlock also uses their access authorization here, a transponder medium or simply presses the unlocked door with their hand.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleuse-mit-zwei-tueren-mit-manueller-betaetigung](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schleuse-mit-zwei-tueren-mit-manueller-betaetigung)



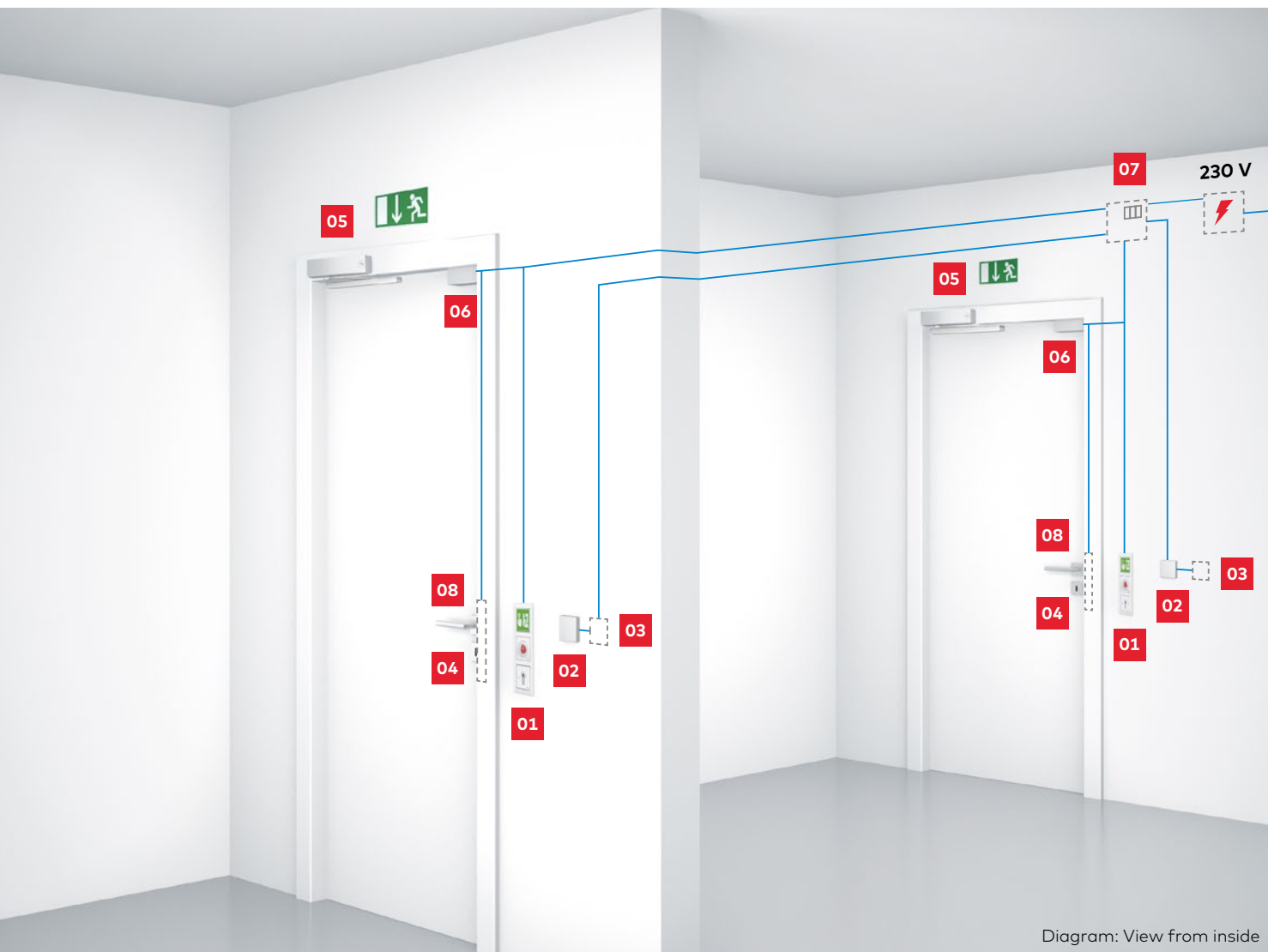


Diagram: View from inside



**Escape route safety system SafeRoute**  
monitors and controls the lock. In an emergency, the door is unlocked. The integrated illuminated ring always provides relevant information about the status.



**Electric door opener Fire 448 Lucky**  
Electric door opener with Lucky Strike effect cleverly combines the advantages of direct current and alternating current door openers.



**TS 98 XEA**  
The slide rail door closer TS 98 XEA meets high standards of quality, convenience and design.

#### Product overview

- 01** Escape route safety system SafeRoute UP with flexible license model
- 02** Non-contact sensor button
- 03** Registration unit 90 01
- 04** Electric door opener Fire 448 Lucky
- 05** Slide rail door closer TS 98 XEA
- 06** Door lock STV 200
- 07** Access manager 92 00
- 08** Locking cylinder dormakaba pextra+

#### Specifications and classifications for Solution 18

✓	<b>Fire protection</b>   Optional
✓	<b>Accessibility</b>   According to DIN 18040 and DIN SPEC 1104
✓	<b>Escape route/escape route safety system</b>   According to EltVTR, EN 13637 and EN 179
✓	<b>Access control system</b>
✓	Break-in protection system
✓	Interior design
✓	<b>Emergency opening</b>
✓	<b>Service</b>   Mounting, commissioning and maintenance



## **Interior fittings and design**

These days, architecture adapts to people, not the other way around. Intelligent systems create new spaces, and ensure both openness and secure separation: in offices, according to time, project and team, in houses, to suit the inhabitants' lifestyle.

In hospitals and care homes, interior glass systems can create a positive atmosphere. New prospects everywhere.

## Interior fittings and design

# Escape routes in both directions

If an escape door separates different fire zones as well as different building units, the escape route must function in both directions.

**Requirement:**

In buildings with different building units on a single level, a door can serve as an escape route in both directions. In case of panic, the panic lock must unlock to enable people to escape safely. In normal operation, only authorized persons should be able to access the room.

**Solution:**

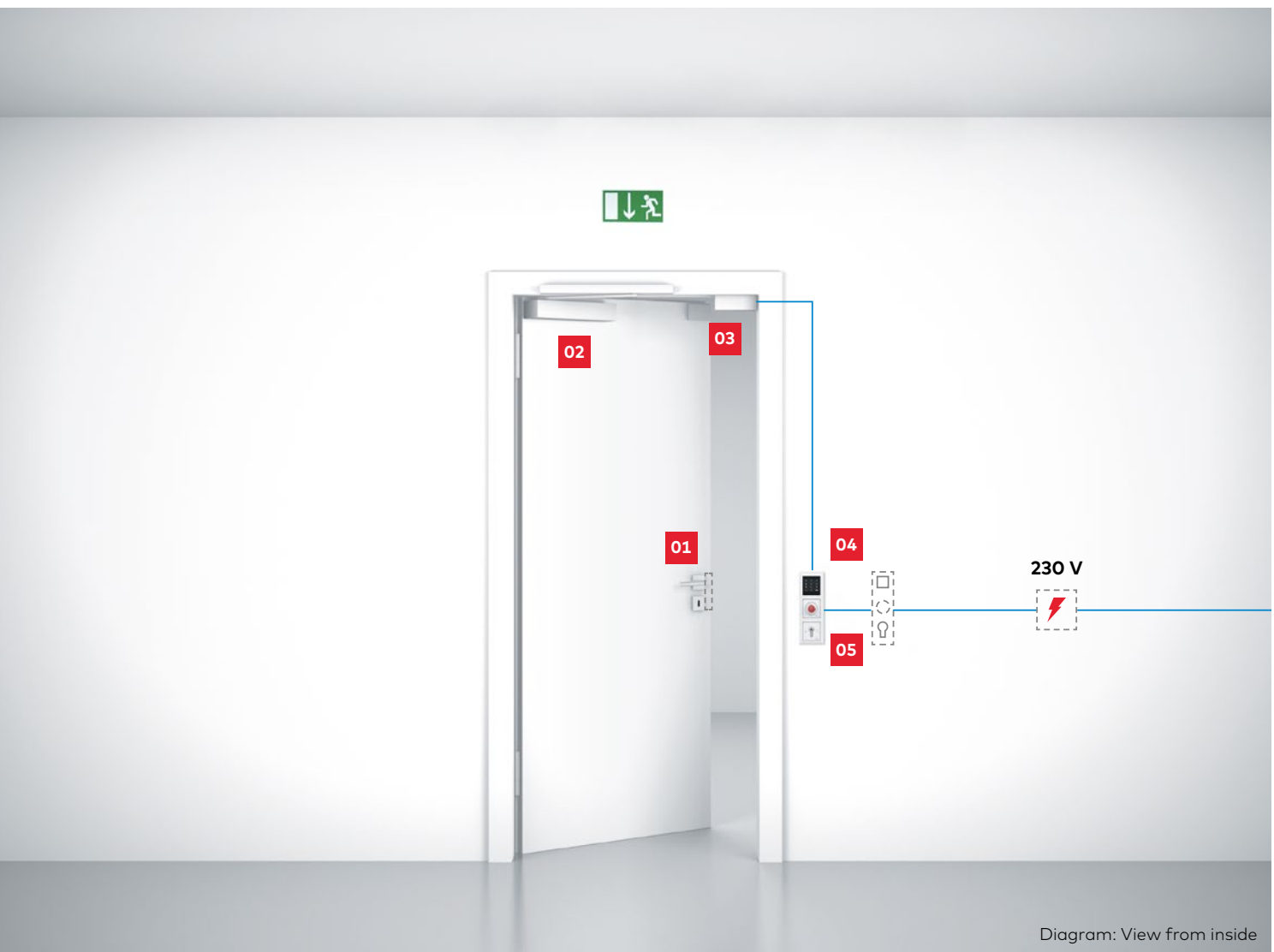
The combination of the escape route safety system SafeRoute, the TS 93 Basic door closer, the STV 200 door lock and the self-locking panic lock SVP 5000. In normal operation, authorized persons identify themselves using the PIN field on the SafeRoute system. The door unlocks and can be opened manually. The TS 93 Basic closes the door quietly and reliably. In case of panic, the lock and door lock can be unlocked by pressing the emergency button and people are able to escape safely.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/fluchtweg-in-beide-richtungen](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/fluchtweg-in-beide-richtungen)





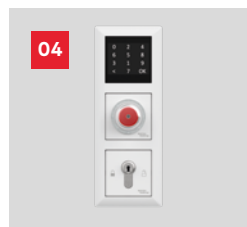
#### Self-locking panic lock SVP 5000

The SVP 5000 panic lock is particularly suitable for apartment or house doors as well as for doors on properties that do not have to be surveilled.



#### TS 93 Basic

The closing body benefits from the heavily reduced opening torque created by the EASY OPEN technology.



#### SafeRoute STL door terminal

monitors and controls the locking device. In an emergency, the door is unlocked. The integrated illuminated ring always provides relevant information about the status.

#### Product overview

- 01** Self-locking panic lock SVP 5000
- 02** Slide rail door closer TS 93 Basic
- 03** Door lock STV 200
- 04** Escape route safety system SafeRoute STL UP with flexible license model
- 05** Half cylinder dormakaba gemini plus enables a reset after triggering of the SafeRoute escape route safety system

#### Specifications and classifications for Solution 19

- ✓ **Fire protection**
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | According to Directive on electrical locking systems of doors in escape routes (EltVTR), EN 13637 and EN 179
- ✓ **Access control system**
  - ✓ Break-in prevention device
  - ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

Interior fittings and design

# Area divider with double-leaf partially automated door

A transparent door demonstrates openness and creates a pleasant feeling of security through smart access control, motorized doors and independent fire protection.

## Requirement:

An area needs to be divided by a double-leaf door. In normal operation, only one door leaf needs to be automated. Only authorized persons should be able to access the area. In case of panic or fire, the system must lock securely.

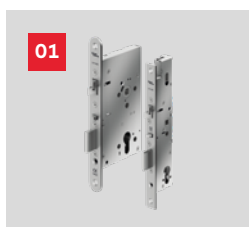
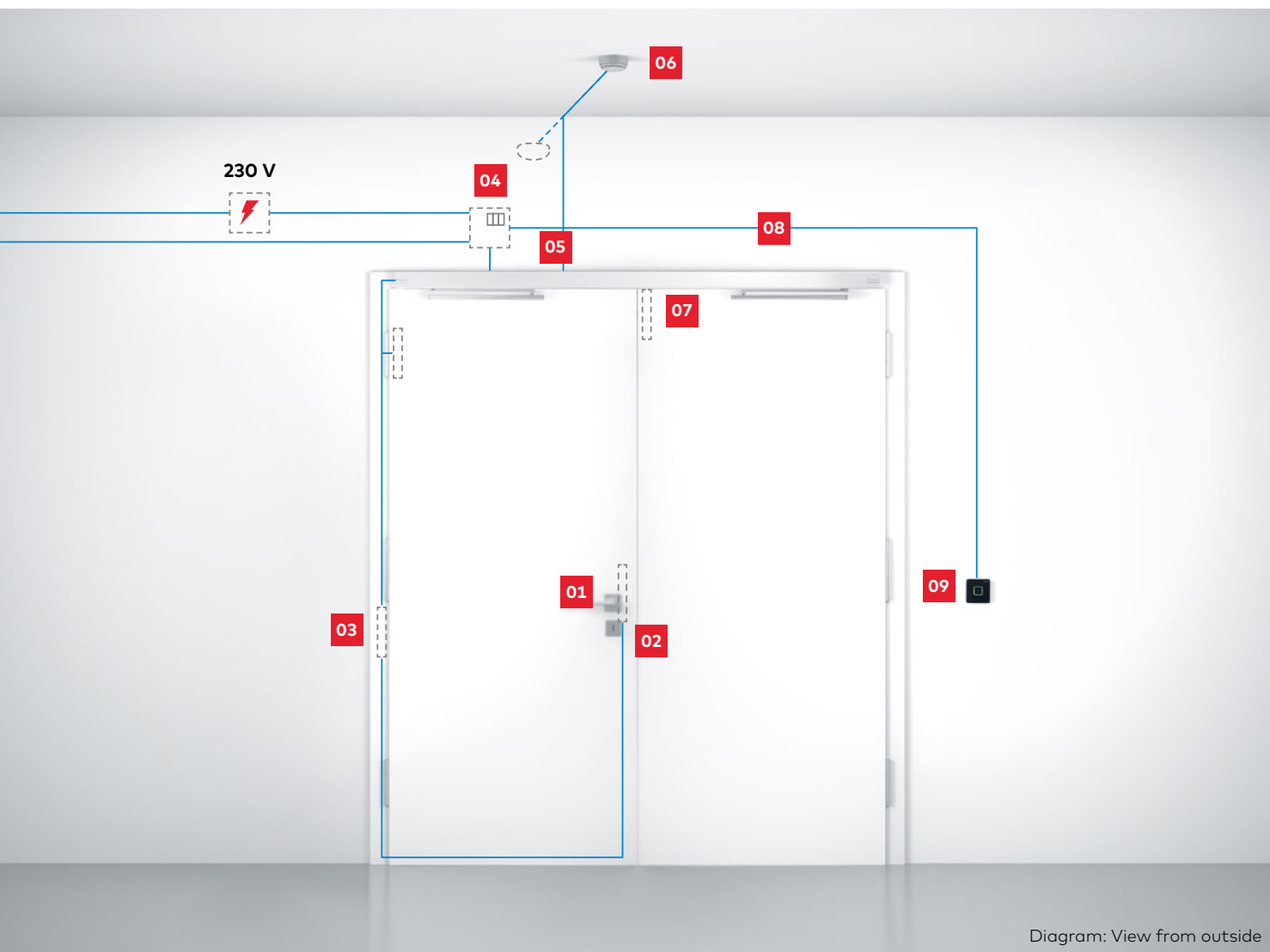
## Solution:

For the passage of people, often only one door leaf needs to be automated. While the active door leaf can open fully automatically, the passive door leaf can only be opened manually and has the function of a door closer. If desired, the Power Assist function can make the door easier to open. Nevertheless, with the help of the integrated door holder, both door leaves can be kept permanently open, without the need for additional components.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/bereichsabtrennung-mit-zweifluegeliger-teilautomatisierter-tuer](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/bereichsabtrennung-mit-zweifluegeliger-teilautomatisierter-tuer)



**Self-locking motorized panic lock SVP 2000 with optimized mechanical and electrical sequential control. Operating modes: DCW(R) or CAN Bus and analog without feedback.**



**Hinged door operator ED 250 ESR 1/2**  
Fully automated active door leaf with multiple functions – passive door leaf without automatic function.



**Remote reader 91 15**  
The connected dormakaba registration unit transmits the data to the remote reader via an encrypted connection.

#### Product overview

- 01** Self-locking motorized panic lock SVP 2000
- 02** Locking cylinder dormakaba penta
- 03** Detachable cable transfer KÜ-480 and LK 12
- 04** Access manager 92 90
- 05** ED 250 ESR 1/2 with built-in smoke detector panel
- 06** Optional smoke detector RM-N on both sides in case of lintel  $\geq 1,000$  mm
- 07** Rebated espagnolette bolt
- 08** Remote reader 91 15
- 09** Registration unit 90 01

#### Specifications and classifications for Solution 20

- ✓ **Fire protection**
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safetysystem** | EN 179
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Interior fittings and design

# Double-leaf fire protection door, opened 180°

On wide passageways between two rooms, fire protection doors are mounted adjacent to the wall.

## Requirement:

Large passageways between neighboring rooms must also meet standard-compliant fire protection requirements. The doors should be opened wide to create a wide passageway. Sequential locking control must be used to prevent mechanical jamming. When closed, the doors must be easy to open.

## Solution:

The built-in smoke detector in the door system creates an independent, reliable system. External holding magnets keep both door leaves open at an opening angle of up to 180°. The secure locking of both door leaves is achieved by mechanical sequential locking control.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-brandschutztuer-180-grad-geoeffnet](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/zweifluegelige-brandschutztuer-180-grad-geoeffnet)



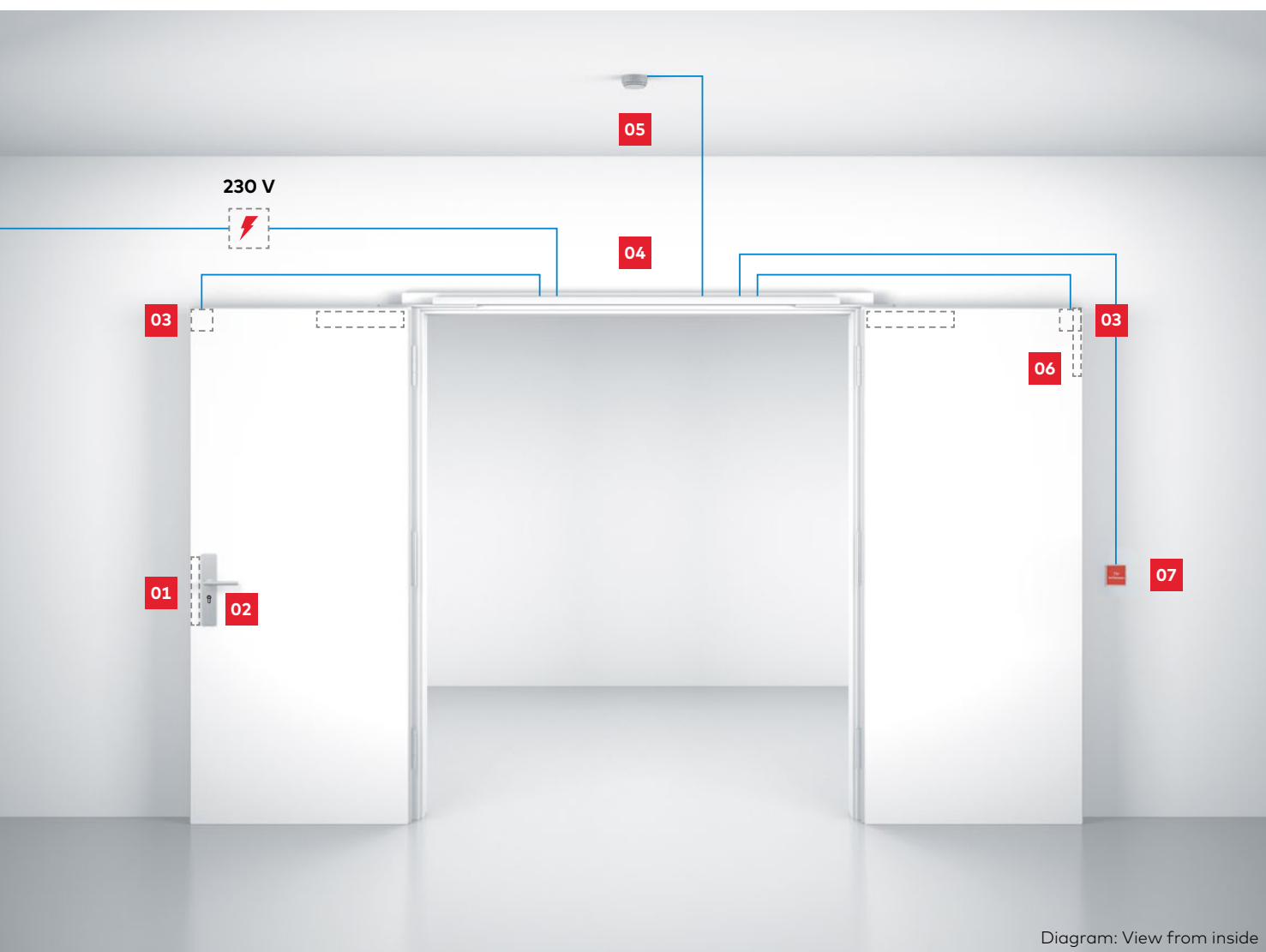


Diagram: View from inside



#### EM 500

In the event of a fire, the release mechanism switches off the door-holding device after the fire has been detected by the fire detector.



#### Smoke detector RM-N

The smoke detector RM-N detects both smoldering and naked fires with smoke development in good time and can be connected to all dormakaba hold-open systems.



#### HZ 43-F

The HZ 43-F passive door leaf locking device offers a universal solution for all double-leaf door systems, especially for fire and smoke protection doors.

#### Product overview

- 01 Self-locking panic lock SVP 5000
- 02 Locking cylinder dormakaba pextra+
- 03 Holding magnets for holding doors open at 180°: EM 500
- 04 Door closer with sequential locking control and integrated smoke detector panel TS 98 XEA GSR-EMR (no door holder in the slide rail)
- 05 Optional smoke detector RM-N on both sides in case of lintel  $\geq$  1,000 mm
- 06 Horizontal locking device HZ 43-F
- 07 Door-close button

#### Specifications and classifications for Solution 21

- ✓ **Fire protection** | DIN EN 1154, DIN EN 1155, DIN EN 1158, DIN EN 14637
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system** | EN 179
- ✓ Access control system
- ✓ **Break-in prevention device** | Break-in protection depending on approval
- ✓ Interior design
- ✓ **Emergency opening**
- ✓ **Service** | Mounting, commissioning and maintenance

Interior fittings and design

# Hotel room door with digitally controlled access

A hotel room door must be secure. It opens only for the guest and locks securely, thanks to the electronic fitting and door closer working together as a team.

## Requirement:

Nowadays, access rights are organized without keys, using a programming station that creates programmed cards or sends codes to smartphones. At the door, the technology must appear simple to the hotel guest and convey a sense of security. The door should also be simply equipped with a door closer that closes the hotel room door reliably and quietly.

## Solution:

Digital (virtual) access rights become real when the guest touches a high-quality system with a solid door handle. The Confidant can replace any standard door fitting without the need for changing the door. Various lever handle, inside plate or inside rosette shapes and colors match the interior design of the hotel – and the application adapts to the guests. For example, an RFID card or smartphone using Bluetooth can be held against the built-in reader in order to unlock the mechanical lock. When the guest enters the room, the door closes gently behind them thanks to slide rail door closer TS 98 XEA. The self-locking panic lock gives the guest a real sense of security.

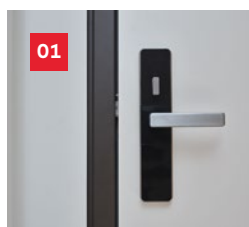


For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/hotelzimmer-tuer-mit-digital-organisiertem-zutritt](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/hotelzimmer-tuer-mit-digital-organisiertem-zutritt)



Diagram: View from inside



#### Confidant RFID

Access rights via RFID or smartphone, for new buildings or for retrofitting, compatible with the access management systems Ilco and Saflok.



#### Self-locking panic lock SVP 5000

Self-locking panic lock SVP 5000. The SVP 5000 panic lock is particularly suitable for apartment or house doors as well as for doors on properties that do not have to be surveilled.



#### TS 98 XEA

The slide rail door closer TS 98 XEA meets high standards of quality, convenience and design.

#### Product overview

- 01** Confidant RFID
- 02** Self-locking panic lock SVP 5000
- 03** Slide rail door closer TS 98 XEA

#### Specifications and classifications for Solution 22

- ✓ **Fire protection** | Optional
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Optional and depending on the system check
- ✓ Interior design
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

Interior fittings and design

# Patient room door, digitally flexible

New technology helps patients and care and support staff. In the event of a fire, the freewheel door closer can handle 1,400 mm doors. In normal conditions, the door can be opened without resistance, as if no door closer were mounted. Access is enabled by the TouchGo system. The patient simply has to wear the transponder somewhere on their person.

## Requirement:

The door must be designed to meet the needs of patients and nursing care. For example, a minimum door leaf width of 1,400 mm is a basic requirement, to enable a bed to be pushed through the door. The door locks on the many rooms in hospitals and care homes need a central access allocation system.

## Solution:

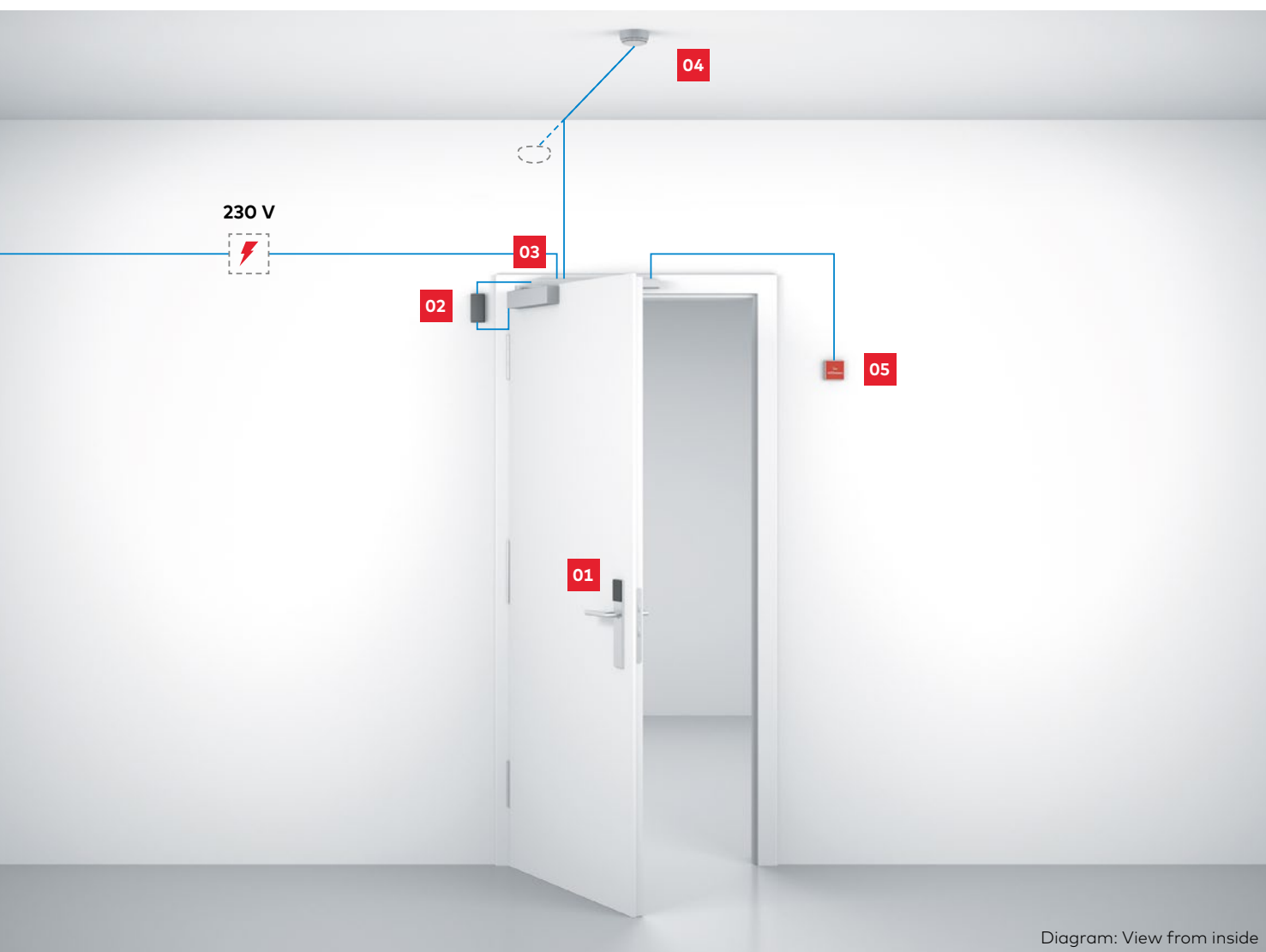
The freewheel door closer TS 97 FL XEA enables the door to be opened almost without resistance and makes it barrier-free. It is suitable for door leaves up to 1,400 mm wide and acts as a surface-mounted door closer with freewheel function for doors. The XEA design blends seamlessly with the other dormakaba components while the door closer with adjustable closing speed is technically impressive. In the event of a fire, the door is closed by the impulse from the built-in smoke detector panel, even in case of power failure. Access control is enabled by the state-of-the-art door fitting c-lever pro. Equipped with the TouchGo function, the lock immediately unlocks when the handle is touched, provided that the person entering is carrying a small user medium in their bag. Neither card nor smartphone has to be taken out. The c-lever pro can be mounted on almost any door.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/patientenzimmertuer-digital-flexibel](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/patientenzimmertuer-digital-flexibel)





#### Electronic door fitting c-lever pro TouchGo

Available versions: E110 for up to 100 users and E310 for up to 1,000 users. Acoustic and optical signaling of access authorization.



#### TouchGo user medium

available as key fob, card holder or wristband. Can remain in the bag, be attached to work clothes as a fob or used as a wristband for residents and patients in care homes and dementia homes.



#### TS 97 FL door closer

Door closer TS 97 is dormakaba's smallest surface-mounted door closer with slide rail in the project business.

#### Product overview

- 01** Electronic door fitting c-lever pro TouchGo
- 02** Smoke detector panel
- 03** Door closer TS 97 FL
- 04** Optional smoke detector RM-N on both sides in case of lintel  $\geq 1,000$  mm
- 05** Door-close button

#### Specifications and classifications for Solution 23

- ✓ **Fire protection** | DIN EN 1154, DIN EN 1155, DIN EN 14637
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ **Access control system**
- ✓ Break-in prevention device
- ✓ Interior design
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

## Interior fittings and design

# Apartment entrance door, accessible

Apartment entrance doors separate private apartments from communal areas of the building. A locking system and corresponding locking authorization allow these areas to be cleverly connected with just one key. Access should also be barrier-free for people who are smaller, older or have disabilities.

**Requirement:**

Access to the apartment from within a communal area should be barrier-free. The door must be easy to open and close securely. Access is gained in the traditional mechanical way, with a key. Break-in and fire protection must be ensured.

**Solution:**

Thanks to the **freewheel** door closer TS 99 FLR, the door behaves as if no door closer were installed. In case of alarm, safe closing of the door is guaranteed. The door closer TS 99 FLR is particularly suitable for barrier-free construction according to DIN 18040 or DIN SPEC 1104. The self-locking panic lock SVP 5000 locks automatically every time the door is closed. Access to the apartment is provided by the patented and secure dormakaba quattro plus locking cylinder and can also be enhanced with the SAT (service) or BAZ (adjustable) function.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/  
systemloesungen/tuerloesungen-planen/  
wohnungsabschlusstuer-barrierefrei](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/wohnungsabschlusstuer-barrierefrei)

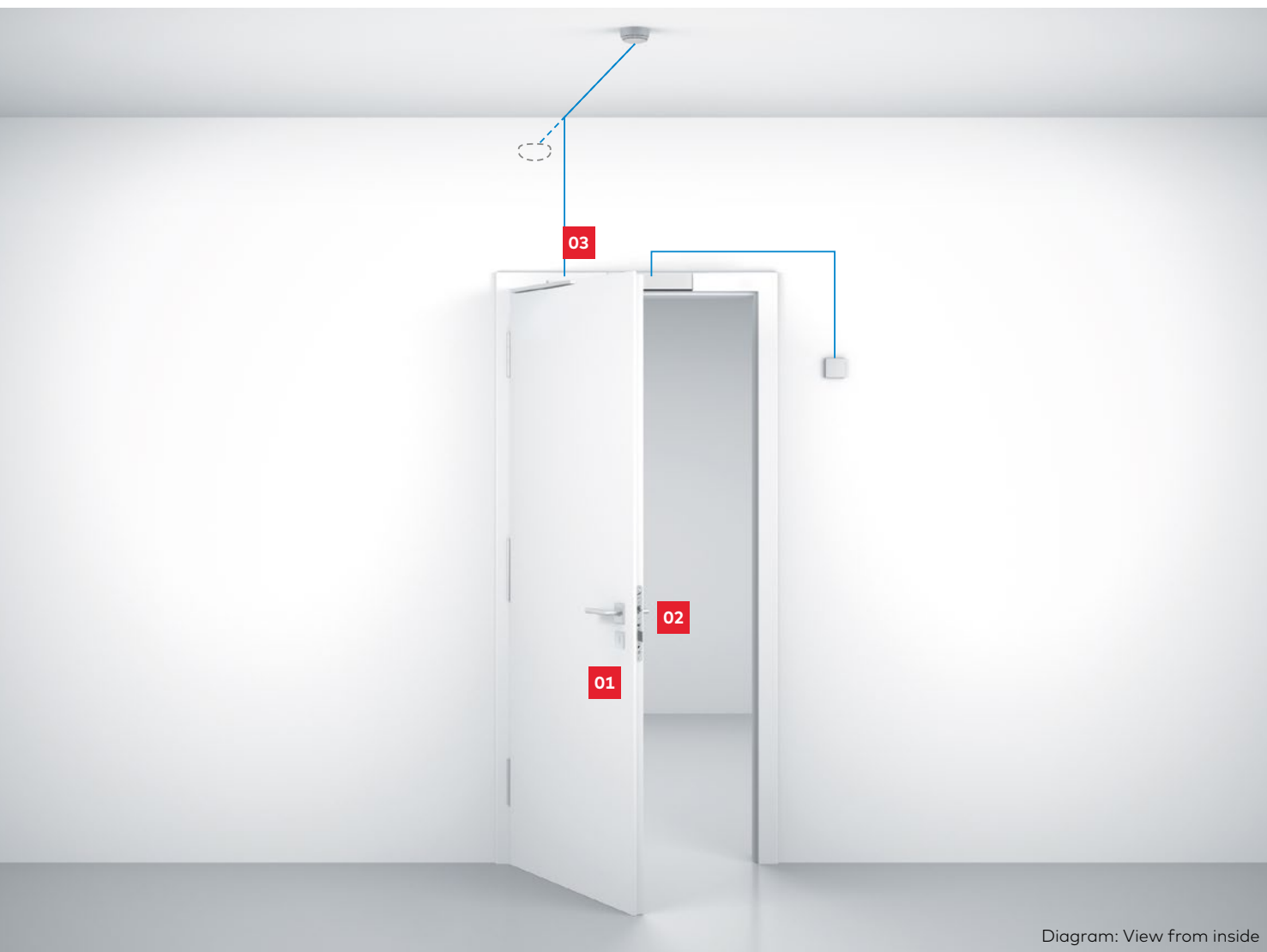
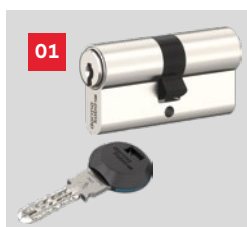
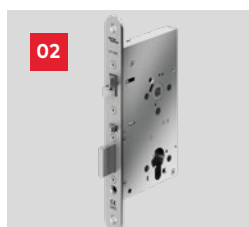


Diagram: View from inside



**dormakaba quattro plus**  
The reversible key can be inserted from both sides and has no sharp edges that could damage bags



**SVP 5000**  
SVP locks automatically lock doors every time they are closed – conveniently and securely.



**TS 99 FLR or TS 99 FLR-K (depending on the mounting options).**  
The freewheel door closer TS 99 enables virtually resistance-free passage through fire protection doors.

#### Product overview

- 01** dormakaba quattro plus
- 02** SVP 5000
- 03** TS 99 FLR

#### Specifications and classifications for Solution 24

- ✓ **Fire protection** | DIN EN 1154
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ **Escape route/escape route safety system**
- ✓ **Access control system**
- ✓ **Break-in prevention device** | Optional and depending on the system check
- ✓ **Interior design**
- ✓ **Emergency opening optional**
- ✓ **Service** | Mounting, commissioning and maintenance

## Interior fittings and design

# Accessible interior door with automatic opening

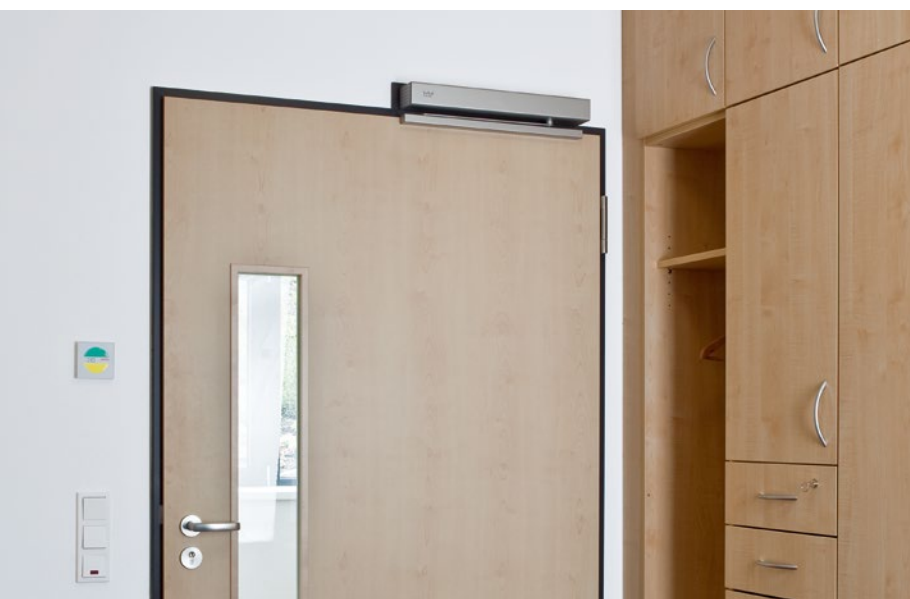
An existing door becomes a barrier-free passageway with some simple mounting work. The compact door assistant PORTEO can open the door automatically or provide extra power when the door is opened manually.

**Requirement:**

Existing premises must be made barrier-free according to standards, with little effort. The necessary door opening support should be easy to install in all four mounting types. A compact, customizable hinged door operator should also make existing doors more ergonomic and smooth-running. Without a key, an ergonomic door knob should allow easy locking from the inside.

**Solution:**

The compact door assistant PORTEO can make opening single doors up to 1,100 mm wide or 100 kg in weight noticeably easier. The Power Assist mode significantly reduces the force required. Optionally, the door can be opened fully automatically by means of a button or a remote control. The PORTEO can be easily retrofitted to most doors. The door is securely locked with a locking cylinder, which is conveniently operated by a rotary knob on the inside of the door.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/barrierefreie-tuer-mit-automatischer-oeffnung](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/barrierefreie-tuer-mit-automatischer-oeffnung)



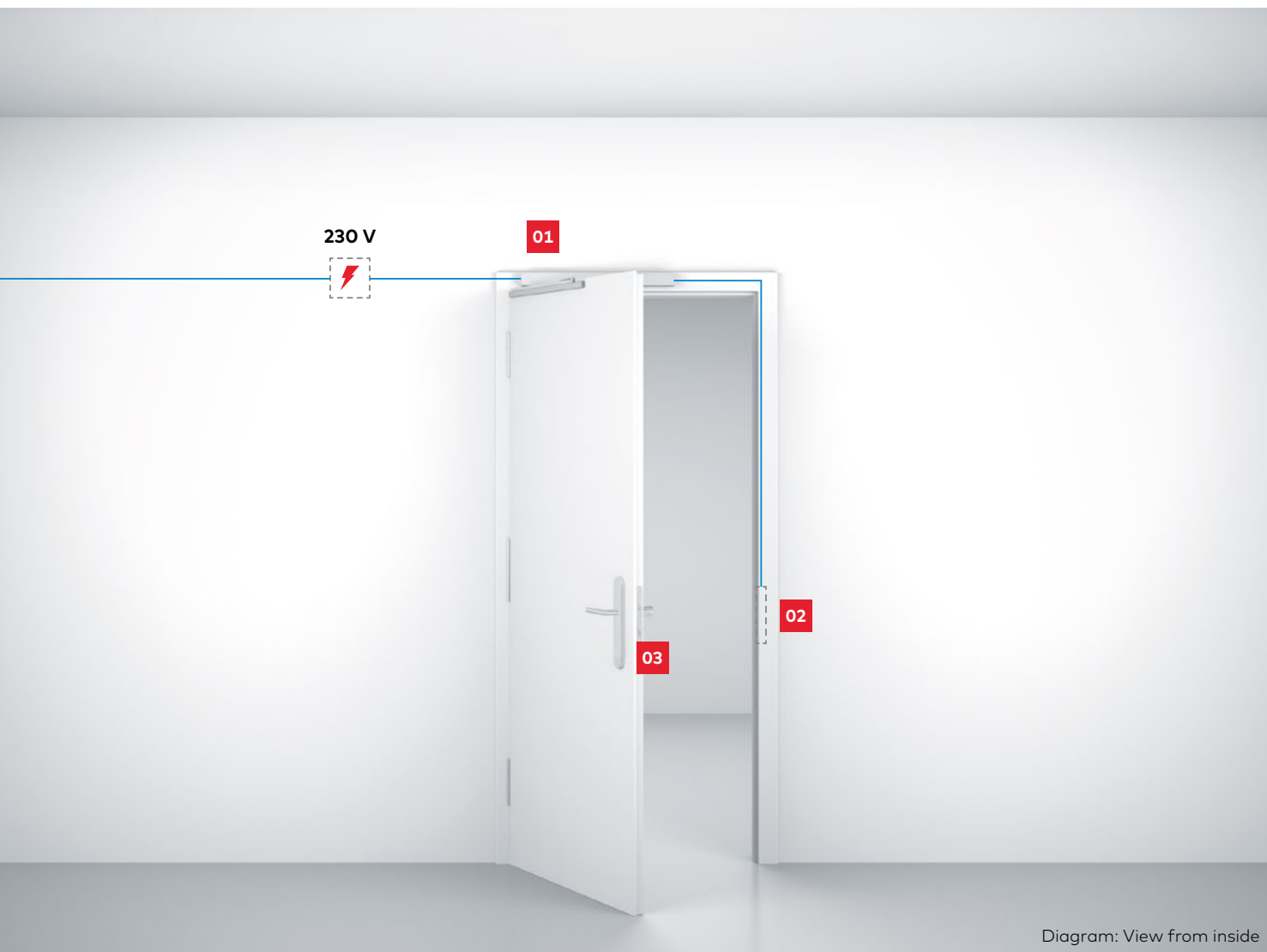
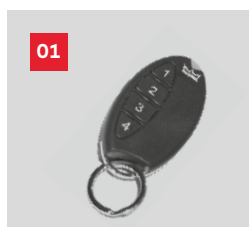


Diagram: View from inside



#### **PORTEO**

Almost invisible to the user, small dimensions  
H 60 x W 530 x  
D 80 mm, almost noise-  
less operation.



#### **Handheld transmitter for activation**



#### **Electric door opener Basic 448 Lucky**

Electric door opener with Lucky Strike effect cleverly combines the advantages of direct current and alternating current door openers.

#### **Product overview**

- 01** PORTEO with handheld transmitter
- 02** Electric door opener Basic 448 Lucky
- 03** Locking cylinder with rotary knob

#### **Specifications and classifications for Solution 25**

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ Access control system
- ✓ Break-in prevention device
- ✓ **Interior design**
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

**Protection level:** PORTEO has been tested by the Deutsche Gesellschaft für Gerontotechnik (GGT – German Gerontology Society)

## Interior fittings and design

# Accessible toilet with automated swing door

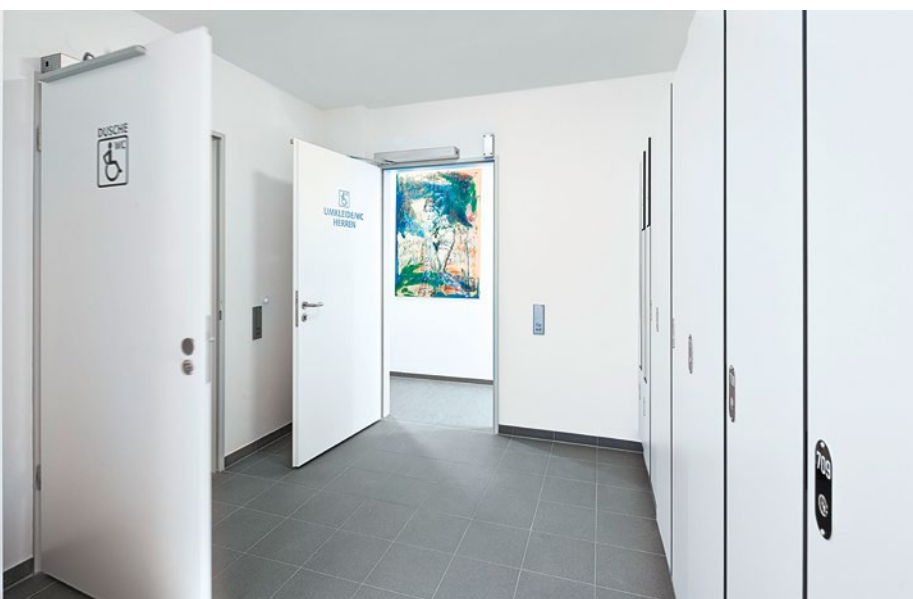
The toilet swing door opens fully automatically, and completely hygienically, thanks to a sensor that the user never has to touch. The door opens with a universal key that is suitable for use by people with disabilities.

**Requirement:**

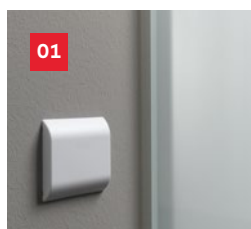
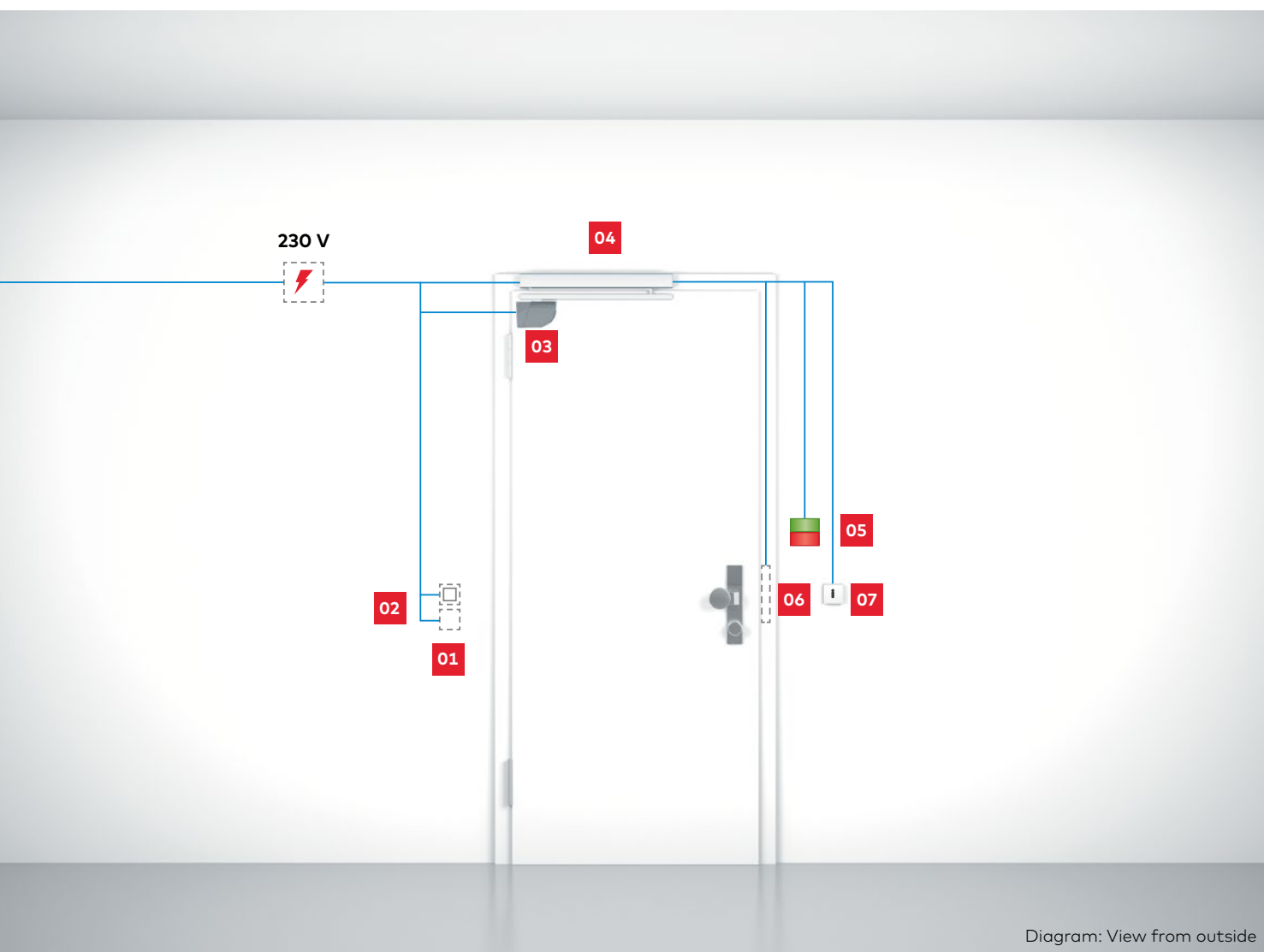
People with limited physical strength or mobility need a barrier-free accessible toilet. The door is opened independently of the door knob using a separate push button or remote pushbutton or, as shown here, with a universal key.

**Solution:**

Thanks to the tried-and-tested hinged door operators ED 100 and ED 250 for heavy doors, the doors open automatically and therefore offer barrier-free access. Access is granted, depending on requirements, by contactless buttons, handheld transmitters or universal keys. The reliable electric door opener in the system helps prevent unauthorized use. Signal lamps indicate the occupied/vacant status.



For more detailed information about the solutions and products, see:  
[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/barrierefreies-wc-mit-automatisierter-drehfluegeltuer](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/barrierefreies-wc-mit-automatisierter-drehfluegeltuer)



**Magic Switch**  
Serves as a contactless switch.



**Hinged door operator ED 100/250**  
The state-of-the-art hinged door operators ED 100/ED 250 are easy to handle and extremely flexible.



**Status display red-green**  
for System 55.

#### Product overview

- 01 Magic Switch contactless button
- 02 Door-locked button
- 03 Flatscan safety sensors
- 04 Hinged door operator ED 100/250 for accessibility
- 05 Status display red-green
- 06 Electric door opener Basic 448 Lucky
- 07 Key switch for universal key

#### Specifications and classifications for Solution 26

- ✓ **Fire protection** | Optional
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ **Access control** | Optional
- ✓ Break-in prevention device
- ✓ Interior design
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Interior fittings and design

# Automatic sliding door for wet rooms

The linear magnetic drive moves an accessible sliding door in a particularly gentle manner. Controlled automatically by a button or motion sensor, for space-saving accessibility.

## Requirement:

A patient bathroom needs barrier-free access in different dimensions. Without the restrictive range of movement of a hinged-door leaf, for the direct passage of more than one person. Must be able to be controlled by a motion sensor or a quick hand movement. When electrically locked, the signal lamp shows the status.

## Solution:

A sliding door with the compact CS 80 MAGNEO magnetic drive not only opens and closes gently and quickly, it also actively ensures the safety of those passing through. With a light touch, the door stops and moves back again. The optional locking device protects against unauthorized access. Optimal ergonomics are also demonstrated by the electronic control unit, via a conventional push button or the innovative Magic Switch door sensor, which reacts to a hand movement in free space without being touched. In case of power failure, the door can be opened and closed again manually.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/automatische-schiebetuer-zur-nasszelle](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/automatische-schiebetuer-zur-nasszelle)



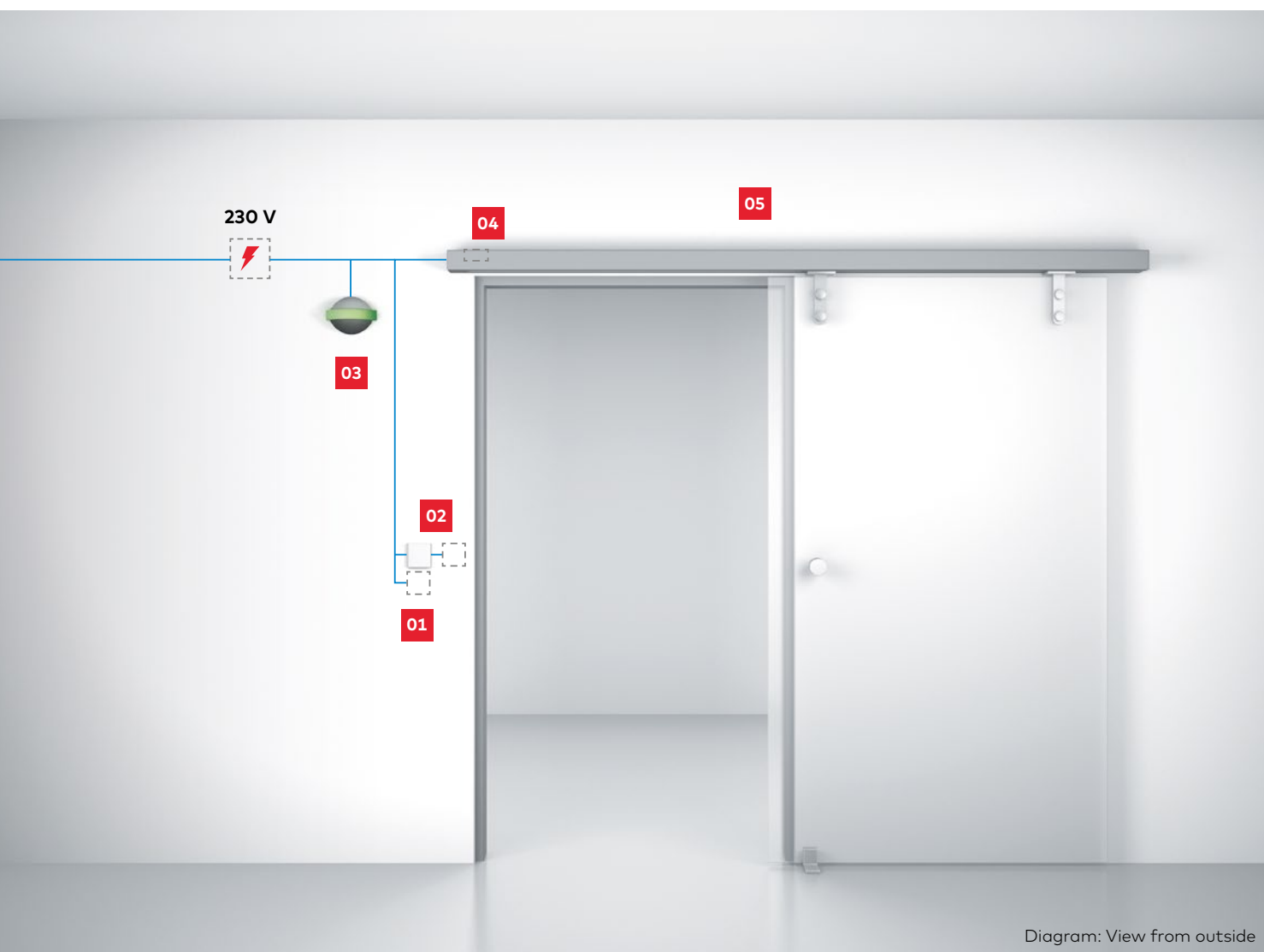
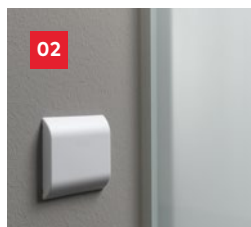


Diagram: View from outside



#### Magic Switch

The sensor uses the Doppler effect of the hand movement to generate a secure signal for the hinged door operator.



#### LED display

Red, green, white for the door system status display.



#### Sliding door operator CS 80 MAGNEO

In 3 standard sizes, infinitely variable for passage widths of 1,500 mm to 2,250 mm, for wood, metal and glass doors.

#### Product overview

- 01 Door lock button
- 02 Magic Switch button on both sides
- 03 LED display
- 04 Door lock in the drive unit of the CS 80 MAGNEO
- 05 Automatic sliding door operator CS 80 MAGNEO single-leaf

#### Specifications and classifications for Solution 27

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ Access control system
- ✓ Break-in prevention device
- ✓ **Interior design**
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety of use:** optional DIN 18650/EN 16005

**Quality of protection:** tested by the Deutsche Gesellschaft für Gerontotechnik (GGT – German Gerontology Society)

Interior fittings and design

# Glass or wood sliding door, self-closing

Considerable openness even for small passageways – MUTO L 80, minimalist on the outside, ingenious mechanics on the inside, easy to open and closes without power supply.

## Requirement:

On the one hand, the mechanics of a sliding door should be barely visible, on the other, the full technology should be there – simple and compact even for heavy laminated safety glass, easy to open manually and self-closing. All relevant functions of a sliding door should be available even without a power supply. It must be able to be locked without the need for additional devices. Narrow passageways must also be optimized for flow of people and safety.

## Solution:

MUTO L 80 is a manual sliding door with a high-quality finish and extremely easy installation. It enables manual sliding doors to be designed in wood or glass. The flexible system enables all relevant functions to be controlled from the front. Users also benefit from convenience options such as a self-closing function and an integrated locking device without external power supply. A glass solution that adapts to the architecture with an individual design. Available finishes: silver, stainless steel, white, special anodized finish and other special colors. With or without dormakaba logo clip.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schiebetuer-aus-glas-oder-holz-selbstschliessend](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/schiebetuer-aus-glas-oder-holz-selbstschliessend)

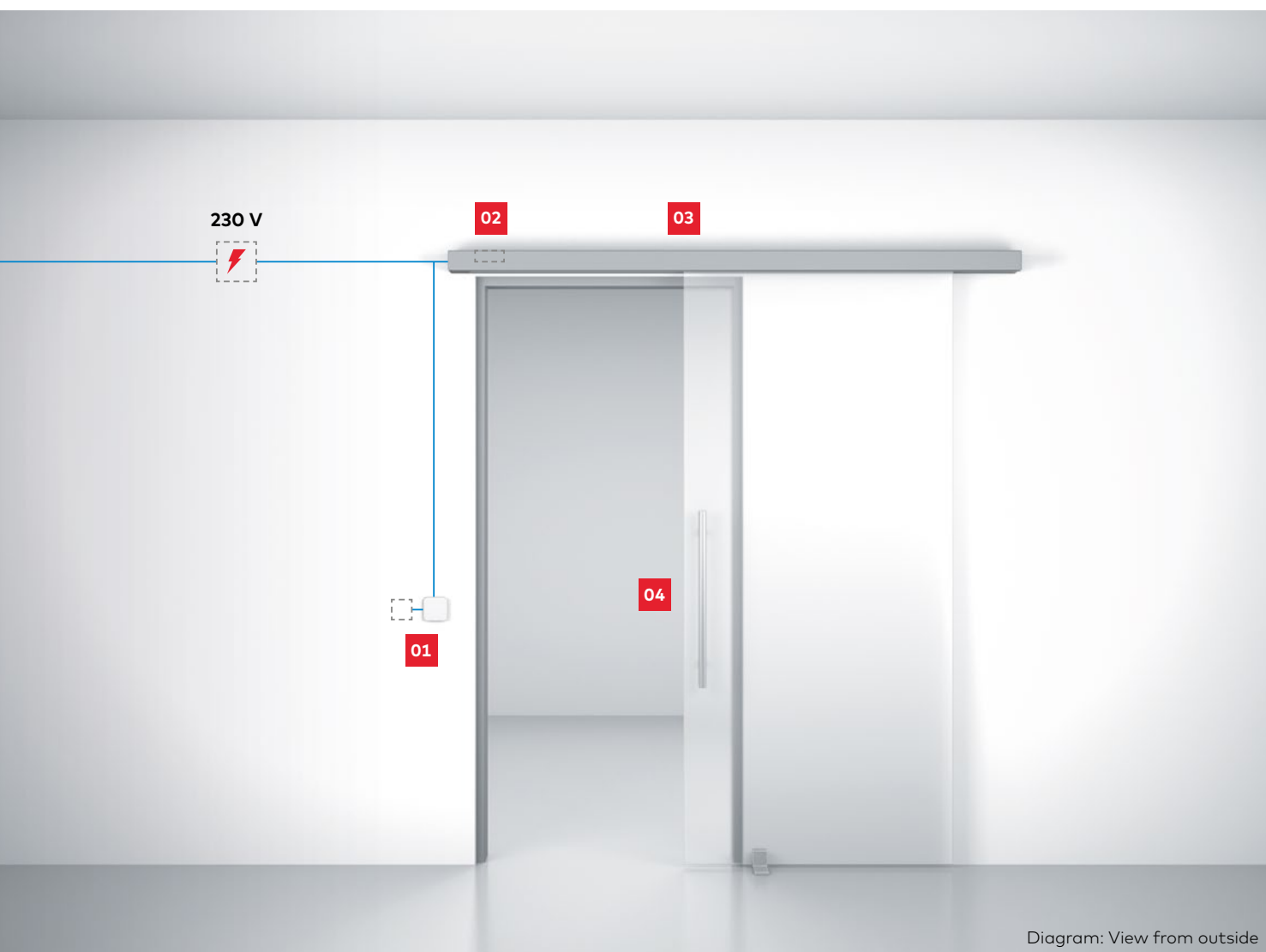
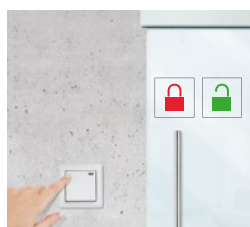


Diagram: View from outside



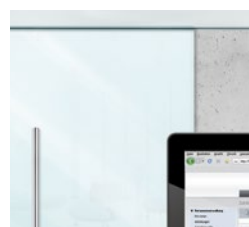
#### DORMOTION

The DORMOTION function stops the door leaf gently at the last centimeter, and automatically and quietly moves the door into its end position.



#### Invisible locking device

The electromechanical locking device is discreetly integrated into the housing. The lock is easy to lock via remote control or wall switch.



#### Status indicator

The status indicator makes it easy to monitor sliding doors. As soon as the door opens or closes, a status signal is sent to the building management system.

#### Product overview

- 01 Button locking
- 02 Locking device
- 03 MUTO
- 04 Handle bars

#### Specifications and classifications for Solution 28

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040
- ✓ Escape route/escape route safety system
- ✓ **Access control system** | Optional
- ✓ Break-in prevention device
- ✓ **Interior design** | Corrosion class 4 according to DIN EN 1670
- ✓ Emergency opening
- ✓ Service | Mounting, commissioning and maintenance

Interior fittings and design

# Swing door in the glass system without frame

The glass door in all its glorious transparency. With minimalist corner fittings, the door moves stably without a door frame. The access control system is integrated into the electronic door fitting.

## Requirement:

The door in an all-glass system must fit without a frame. Transparency must not be compromised. An access control system with electronic door fitting must also fit into the door system without cables or frames. The fittings must be as compact as possible and be able to support heavy laminated safety glass. Adjustment is possible at any time without disassembly. The fitting adapts to the thickness of the glass. The door can also be retrofitted in existing units.

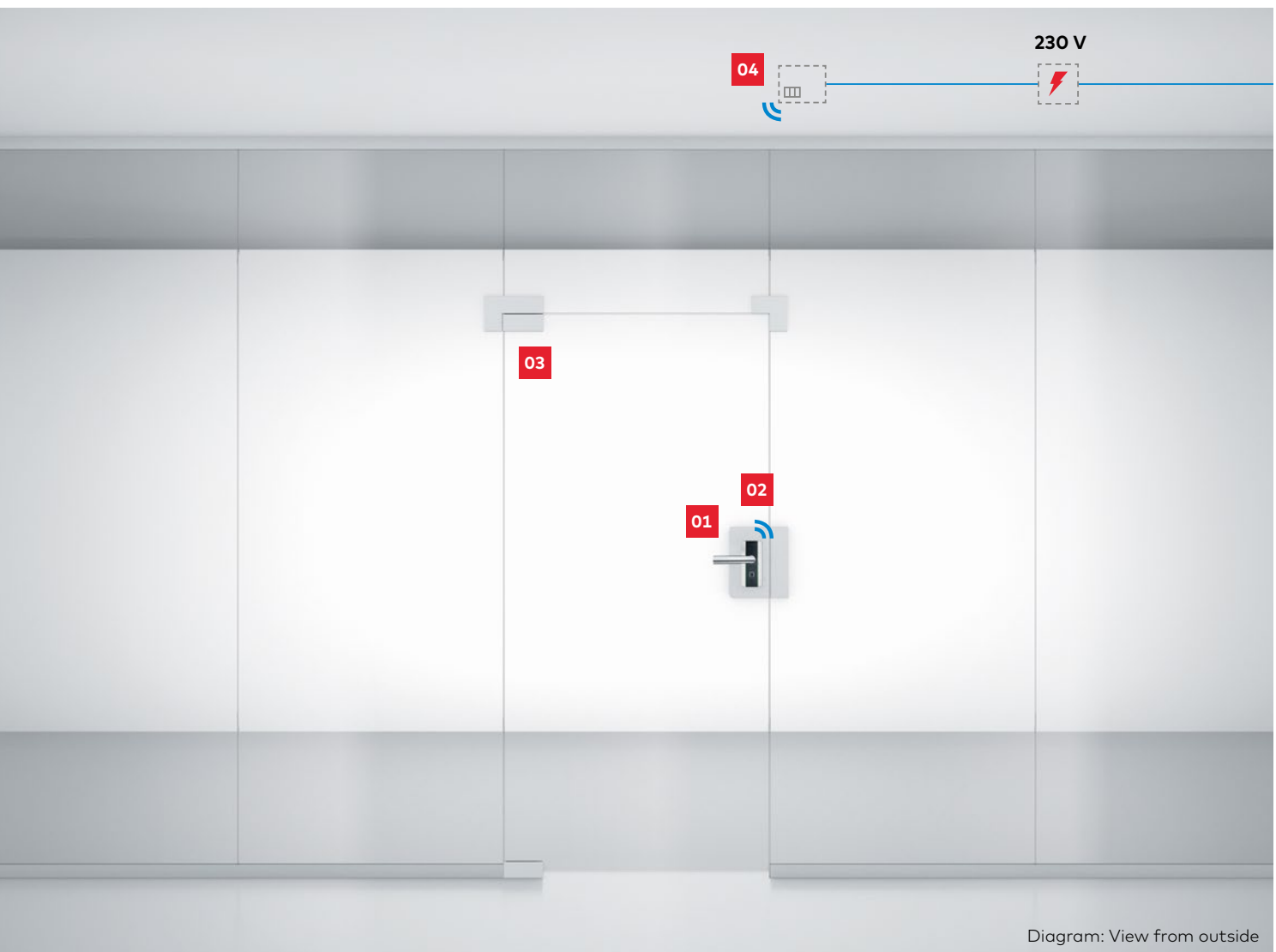
## Solution:

The MUNDUS corner fitting series combines minimalist, straightforward design with well-thought-out inner workings. Once the cap is removed, all dimensions can be adjusted quickly and easily – pivot, alignment and zero point – without removing the door. The mechanism adapts to the thickness of the glass and is infinitely adjustable without gaskets using a screw system. Even heavy laminated safety glass can be mounted in this way. The door fitting c-lever compact blends into the overall transparent design. Without a cable or extra registration unit, access is authorized with an RFID card, RFID key or smartphone. High-tech – both mechanically and electronically.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-im-glassystem-ohne-rahmen](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-im-glassystem-ohne-rahmen)



#### Electronic door fitting c-lever compact

The electronic door fitting c-lever compact features elegant, award-winning design together with a high degree of functionality.



#### Corner fitting MUNDUS

The door can be quickly adjusted with screws without disassembly.



#### Wireless Gateway 90 40

The Wireless Gateway 90 40 remotely connects the wireless door components with the access system.

#### Product overview

- 01** Electronic door fitting c-lever compact
- 02** Junior Office fitting
- 03** Corner fitting MUNDUS
- 04** Wireless Gateway 90 40

#### Specifications and classifications for Solution 29

✓	Fire protection
✓	Accessibility   According to DIN 18040
✓	Escape route/escape route safety system
✓	<b>Access control system</b>
✓	Break-in prevention device
✓	<b>Interior design</b>   Corrosion class 4 according to DIN EN 1670 and 1,000,000 test cycles, based on EN 12400
✓	Emergency opening
✓	Service   Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005



Interior fittings and design

# Glass room system in a uniform design

Transparency and separation at the same time, thanks to slim, sound-insulating profiles. Thanks to integrated cable routing, switches, bushings and locking systems are positioned directly on the glass surface.

## Requirement:

Large rooms must be functionally divided without losing their visual openness. The security of the respective areas can be increased by electronic access systems. Accessibility must be ensured. Doors can be automated without disrupting the system design. In addition to glass, elements for sound insulation and ambience must also fit into the uniform structure.

## Solution:

UNIQUEIN is a modular system that can structure functional areas in many ways without blocking out daylight. Thus rooms are separated and yet flow into each other, thanks to slim profiles and intelligent details – cables are hidden in the door frames, 90° corners are stable without vertical posts. The new, transparent rooms are acoustically separated: Acoustic elements optimize the spatial sound, the profiles isolate the framed glass in a sound-absorbing manner. The uniform shape and color of the elements enhances the glass surfaces. The metal surfaces can be colored to match the ambience. The uniform look also includes sliding door rails and door closers. In addition to glass, wood or other materials in thicknesses from 10 to 19 mm can also be mounted.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/raumsystem-aus-glas-in-einheitlichem-design](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/raumsystem-aus-glas-in-einheitlichem-design)

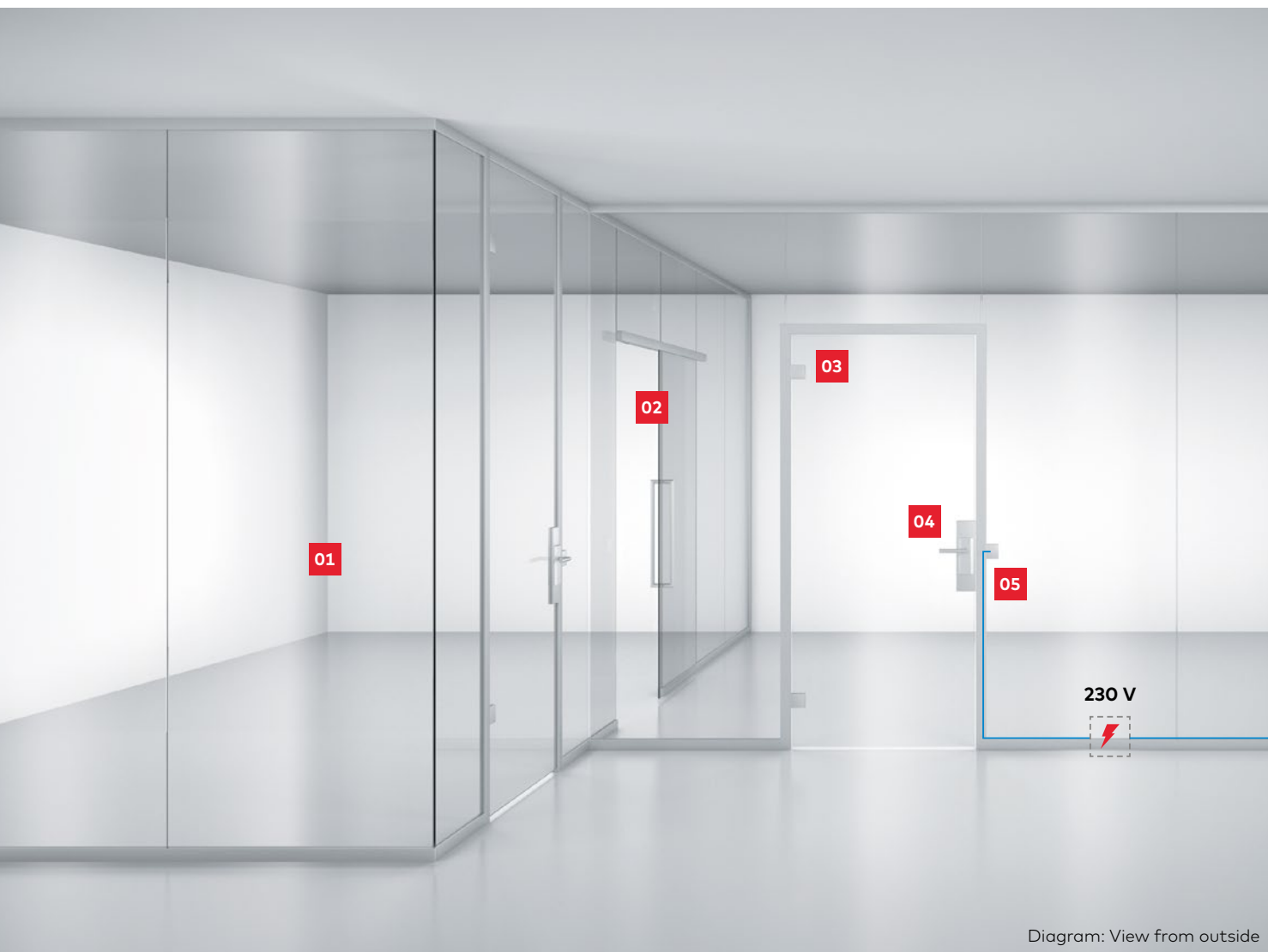
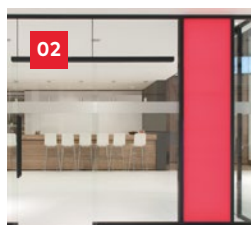


Diagram: View from outside



#### Sliding door

Create access points without wasting space. Use UNIQWIN to create sliding doors with 1 or 2 leaves.



#### Swing door

Doors for selective privacy protection or cozy, homely touches. The choice is yours. With door frames in uniform design for 10-19 mm-thick glass doors and 40-50 mm-thick wooden doors.



#### UNIQWIN

With UNIQWIN, the cable routing is integrated into the profiles. Position switches and sockets flexibly.

#### Product overview

- 01 UNIQWIN room system
- 02 Manual sliding door as part of the system
- 03 Swing door as part of the system
- 04 Standard lock/panic lock with locking cylinder
- 05 Mounting element for socket and switch on profile

#### Specifications and classifications for Solution 30

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040 and DIN SPEC 1104
- ✓ Escape route/escape route safety system
- ✓ **Access control** | Optional
- ✓ Break-in prevention device
- ✓ **Interior design**
- ✓ **Emergency opening**
- ✓ Service | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Interior fittings and design

# Swing door in the glass system with access control system

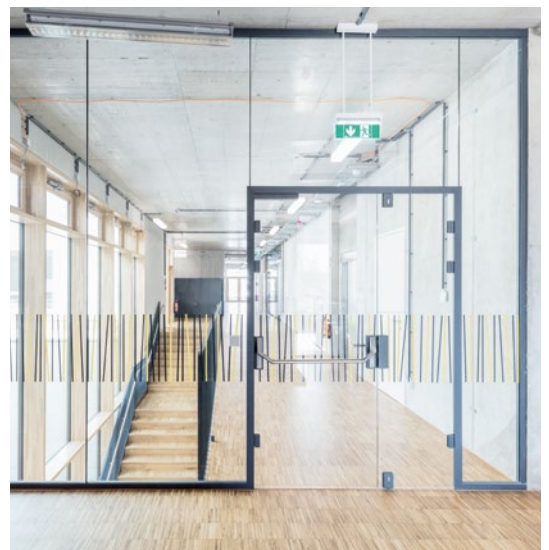
Sophisticated profiles and fittings create more security in room partitioning: Thanks to electronic access control and acoustic isolation, even a glass system can protect valuable information.

## Requirement:

Every company places high demands on meeting rooms. On the one hand, glass architecture should provide transparency, on the other hand, sensitive information in the room must also be protected by glass walls and doors. The UNIQUIN profiles hold fixed elements made of glass, wood or other materials. The access control system regulates door entry safely, individually and conveniently.

## Solution:

In UNIQUIN, the technology appears effortless. The discreet elements combine to provide a high level of safety. Access is controlled on the electronic door fitting c-lever compact. Clear design: An additional registration unit for RFID or Bluetooth media is not required. The authorized user holds their access card or smartphone against the slimline c-lever compact. The door opens easily thanks to the compact slide rail door closer TS 97, which also closes the door safely and gently, so that the panic lock SVP 5000 can lock automatically at two points. In case of panic, the door can quickly be opened from the inside.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-im-glassystem-mit-zutrittskontrolle](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/drehfluegeltuer-im-glassystem-mit-zutrittskontrolle)

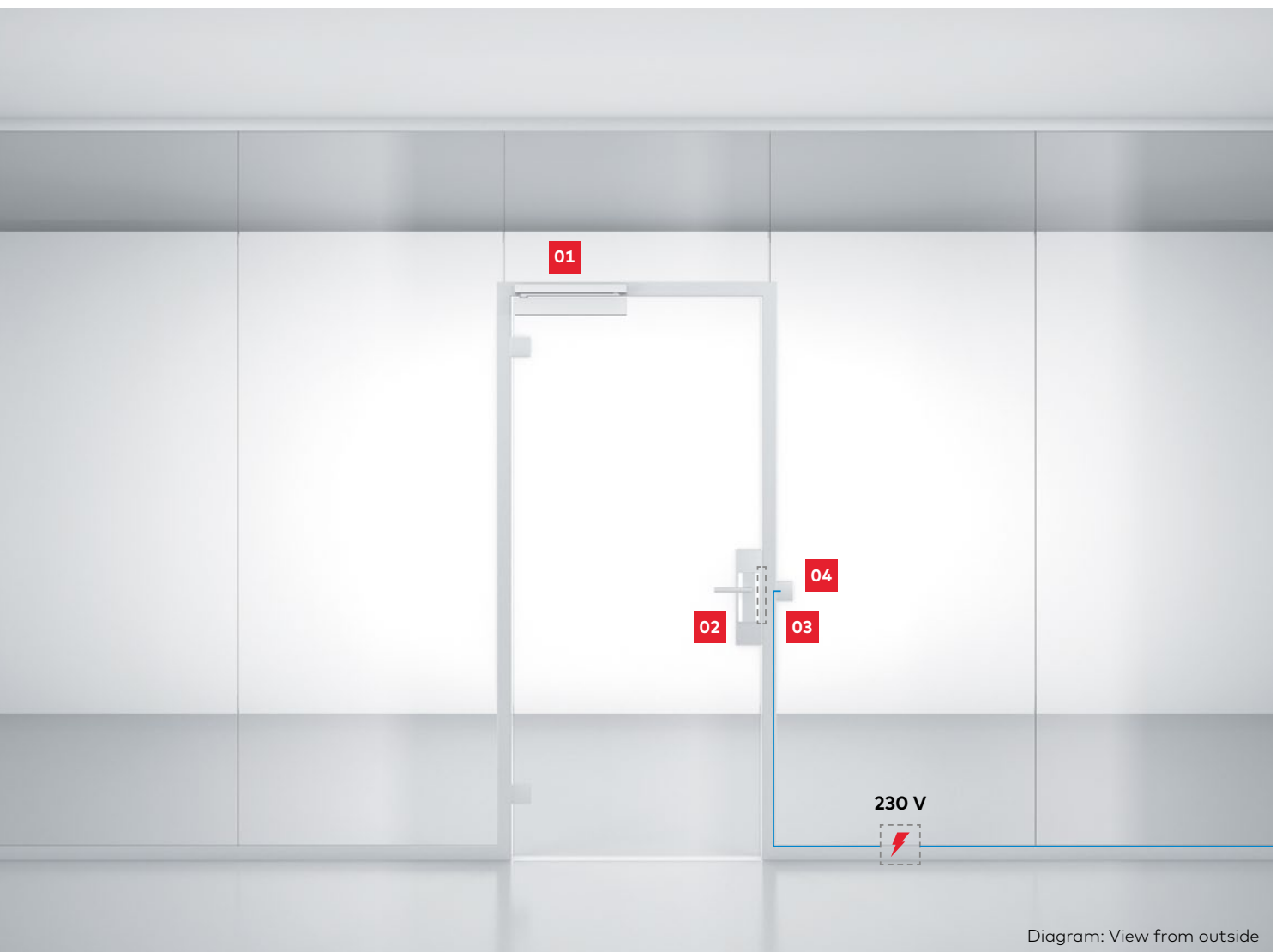
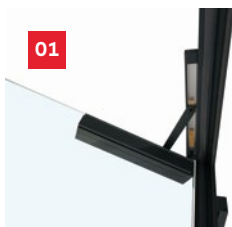
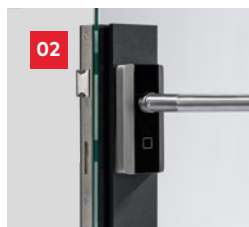


Diagram: View from outside



#### Slide rail door closer TS 97

Uniform length of closing body and slide rail, construction depth only 37 mm, moves doors up to 1,100 mm, adjustable closing force 2-4 EN, opening limitation as standard.



#### Electronic door fitting c-lever compact

Open your door quite naturally: after showing your valid access medium, a green light appears on the digital light unit and you can operate the door as usual with the lever handle.



#### Self-locking panic lock SVP 5000

Locks doors automatically every time they close – conveniently and securely.

#### Product overview

- 01** Slide rail door closer TS 97
- 02** Electronic door fitting c-lever compact
- 03** Self-locking panic lock SVP 5000
- 04** Mounting element for socket and switch on profile

#### Specifications and classifications for Solution 31

✓	Fire protection
✓	<b>Accessibility</b>   According to DIN 18040 and DIN SPEC 1104
✓	Escape route/escape route safety system
✓	<b>Access control system</b>
✓	Break-in prevention device
✓	<b>Interior design</b>   Proof of structural stability according to DIN 18008/DIN 4103 and sound insulation according to DIN EN ISO 10140 up to 39 dB
✓	Emergency opening
✓	Service   Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

## Interior fittings and design

# Elegant full-glass sliding door, double-leaf and automated

A new dimension of accessibility: The slimline linear operator moves two glass door leaves almost inaudibly, and also opens with electronic access control and closes gently by itself.

**Requirement:**

Sliding doors in contemporary interior design require automation that is both functional and perfectly designed. The obligatory features are: compact dimensions and a design that is discreet and holistically integrated into the ambience. Equally important is noiselessness in every phase of the door movement. Accessibility must be perceptible to the user, preferably with contactless door control.

**Solution:**

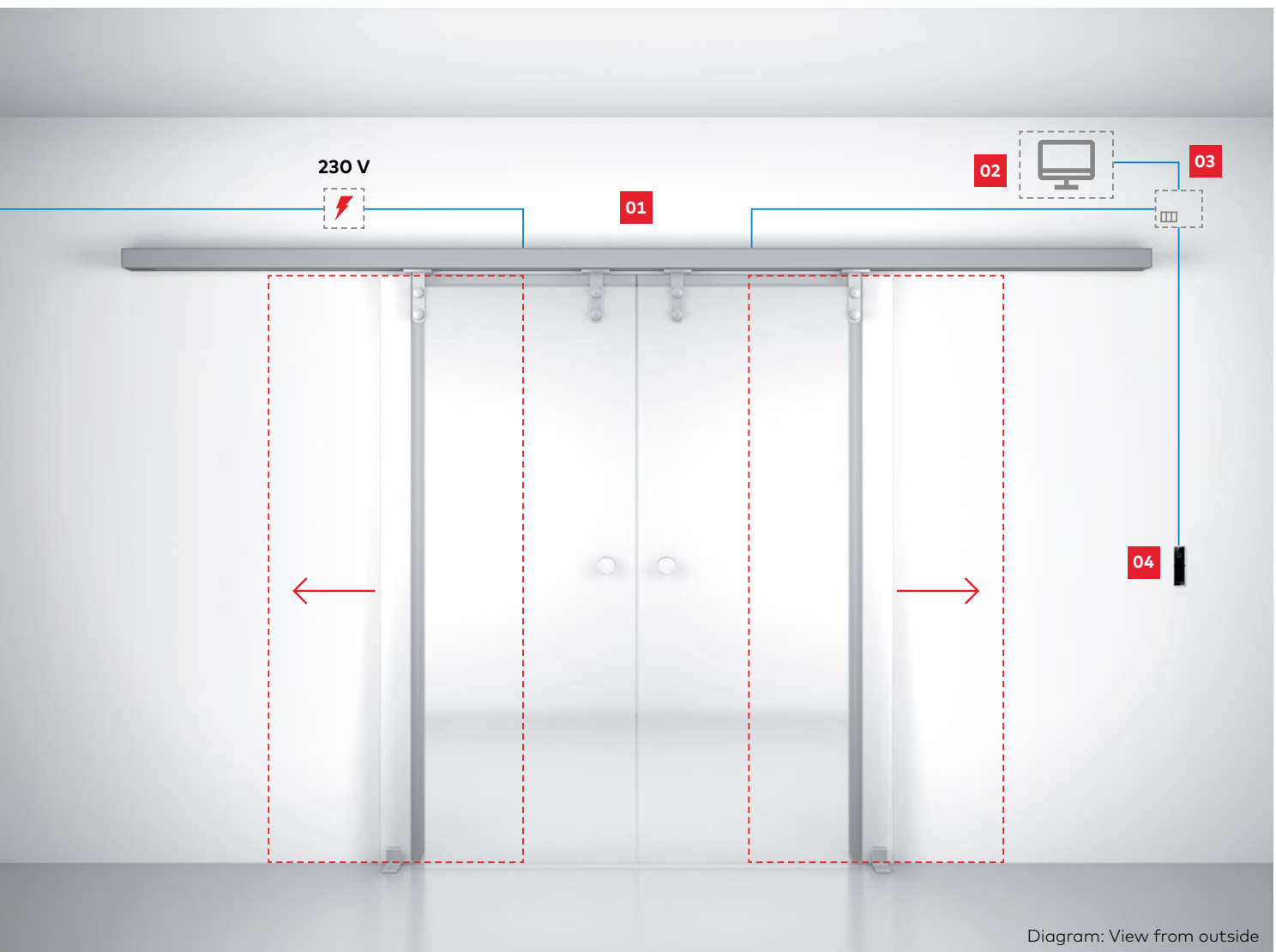
A discreet rail moves the door leaves almost silently to the sides – thanks to the linear magnet drive CS 80 MAGNEO, which is as compact as it is powerful. It opens and closes both gently and quickly, even if the glass doors weigh 80 kg each. What's more, the technology actively protects those passing through. At a light touch, the doors stop and move back again. The optional locking device protects against unauthorized access. Good ergonomics are also demonstrated by the electronic control unit, via a motion detector or the compact reader 91 04 in conjunction with the access manager 92 00, which controls access via an RFID medium. In case of power failure, minimum force is required to manually open and close the door.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/elegante-ganzglas-schiebetuer-zweifluegelig-und-automatisiert](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/elegante-ganzglas-schiebetuer-zweifluegelig-und-automatisiert)





**Sliding door operator CS 80 MAGNEO**  
in 3 standard sizes, infinitely variable for passage widths of 1,500 mm to 2,250 mm, for wood, metal and glass doors.



**Access manager 92 00**  
An efficient control unit for all modern safety concepts, manages and controls up to 12 doors, depending on the system solution.



**Compact reader 91 04**  
Universal mounting thanks to the streamlined design. Can be integrated into multiple dormakaba systems, on-line or in stand-alone mode.

#### Product overview

- 01** Automatic sliding door operator CS 80 MAGNEO, double-leaf
- 02** Access management software, as required
- 03** Access manager 92 00
- 04** Compact reader 91 04

#### Specifications and classifications for Solution 32

- ✓ Fire protection
- ✓ **Accessibility** | According to DIN 18040
- ✓ Escape route/escape route safety system
- ✓ **Access control system**
- ✓ Break-in prevention device
- ✓ **Interior design**
- ✓ Emergency opening
- ✓ **Service** | Mounting, commissioning and maintenance

**Safety in use:** DIN 18650/EN 16005

Interior fittings and design

# Sliding glass wall with rotating movable surfaces

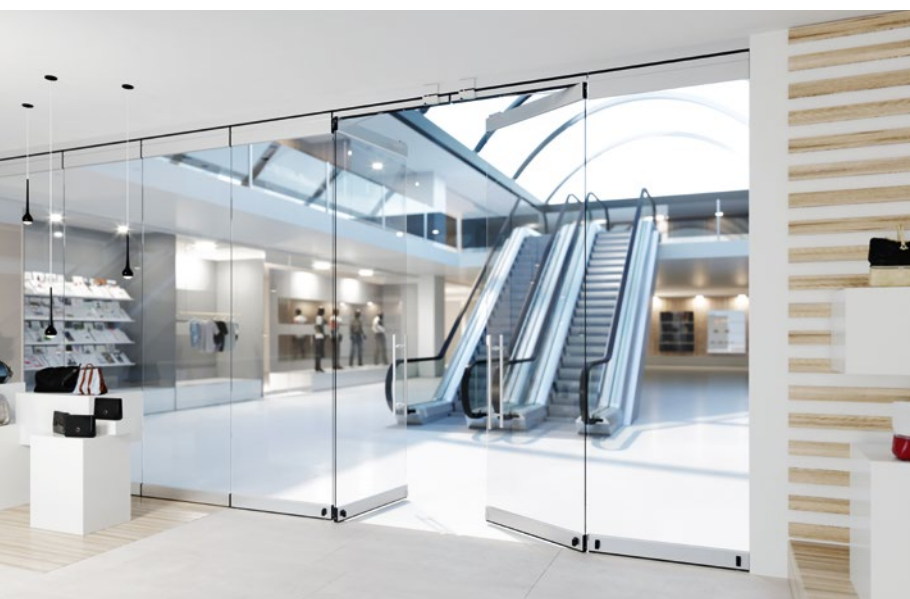
A continuously transparent surface of laminated safety glass without vertical profiles. Two rails at the top and bottom hold and guide the leaves, for fast opening and locking.

## Requirement:

In shopping areas, a horizontal sliding wall has to achieve apparent opposites: stability and flexibility, transparency and privacy. The continuous glass wall must be able to withstand physical impact and vandalism. A secure multi-point locking system with status control is a must in retail. The glass wall must not waste space when pushed to the side. Full width access should reduce threshold anxiety. The passageway in the glass wall should also be able to be reduced to one or two swing doors, without installing extra door systems.

## Solution:

The horizontal sliding glass wall HSW EASY Safe forms a transparent surface from identical leaves without vertical frames. Whether in a straight or angled position, the system adapts to the architecture and is also suitable for modernizing old buildings. Laminated safety glass using proven clamp & glue technology is directly installed in the horizontal door rails. In everyday use, the system impresses with its smooth, jam-free sliding motion. The glass wall can be moved completely to the side. Alternatively, only one or two doors can be used as swing doors. The door closer is seamlessly integrated into the upper profile. The door leaves are optionally locked at three points of the profile, with side lever, frontal foot lever or a cylinder lock. Two red-green status indicators show whether the door and sliding function is unlocked or locked.



For more detailed information about the solutions and products, see:

[www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/glasschiebewand-mit-drehbar-beweglichen-flaechen](http://www.dormakaba.com/de-de/produkte-loesungen/systemloesungen/tuerloesungen-planen/glasschiebewand-mit-drehbar-beweglichen-flaechen)

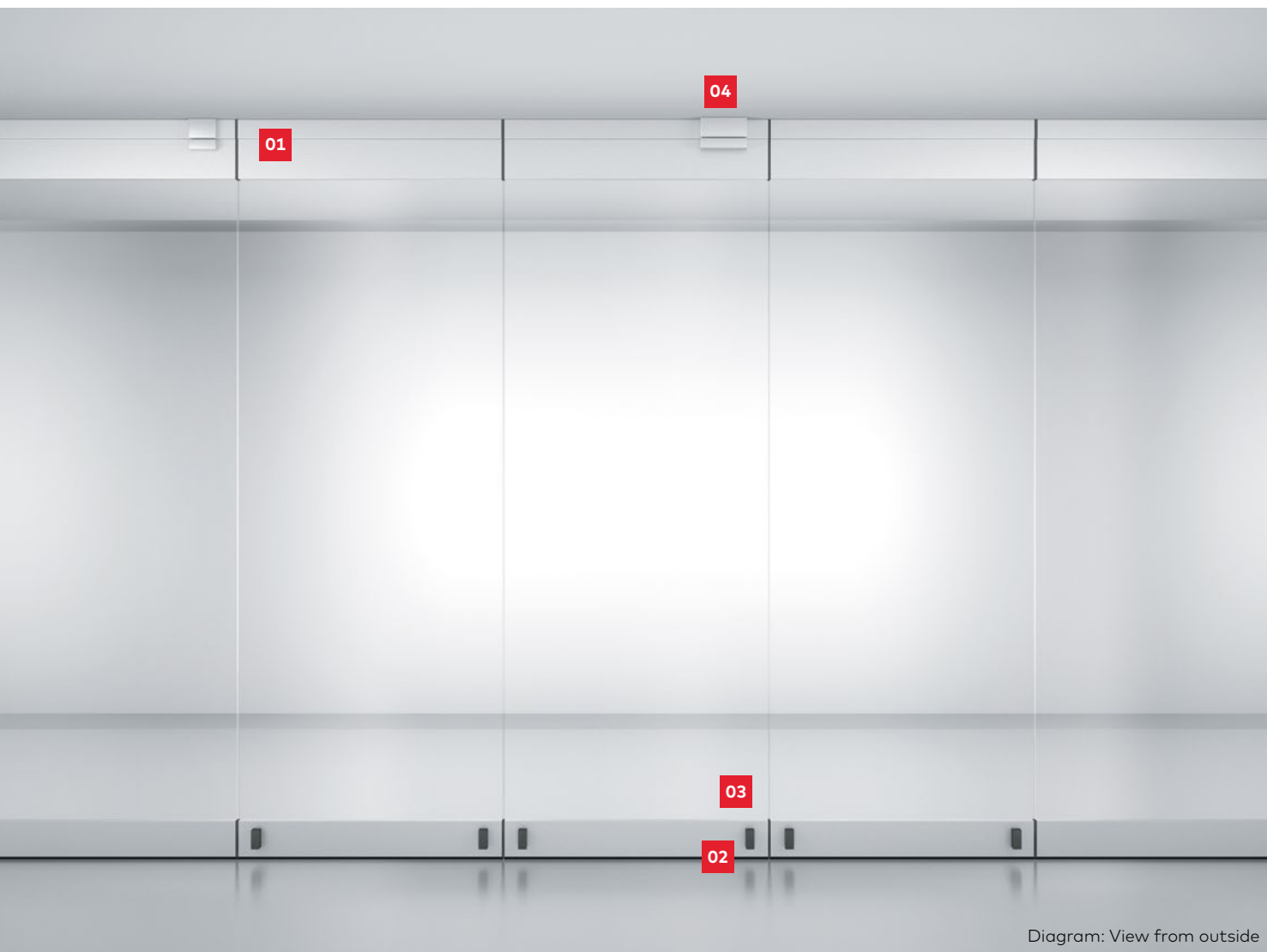


Diagram: View from outside



**Door closer ITS 96 2-4**  
Fully integrated into the upper door rail and therefore invisible when closed.



**Multi-lock**  
3 ways to mount the doors, at the front with a manual lever, at the front with a foot lever or with a locking cylinder.



**Status display**  
For the movement function of the door leaves: sliding function locked or open, door function locked or open.

#### Product overview

- 01** Door closer ITS 96 2-4
- 02** Multi-lock
- 03** Locking cylinder dormakaba gemini plus
- 04** Locking device with status display

#### Specifications and classifications for Solution 33

- |   |  |
|---|--|
| ✓ | Fire protection  |
| ✓ | Accessibility   According to DIN 18040   |
| ✓ | Escape route/escape route safety system  |
| ✓ | Access control system  |
| ✓ | <b>Break-in prevention device</b>   Shock-tested Class 5 according to DIN EN 13049 (simulation and impact loads) |
| ✓ | <b>Interior design</b>   |
| ✓ | Emergency opening  |
| ✓ | <b>Service</b>   Mounting, commissioning and maintenance   |

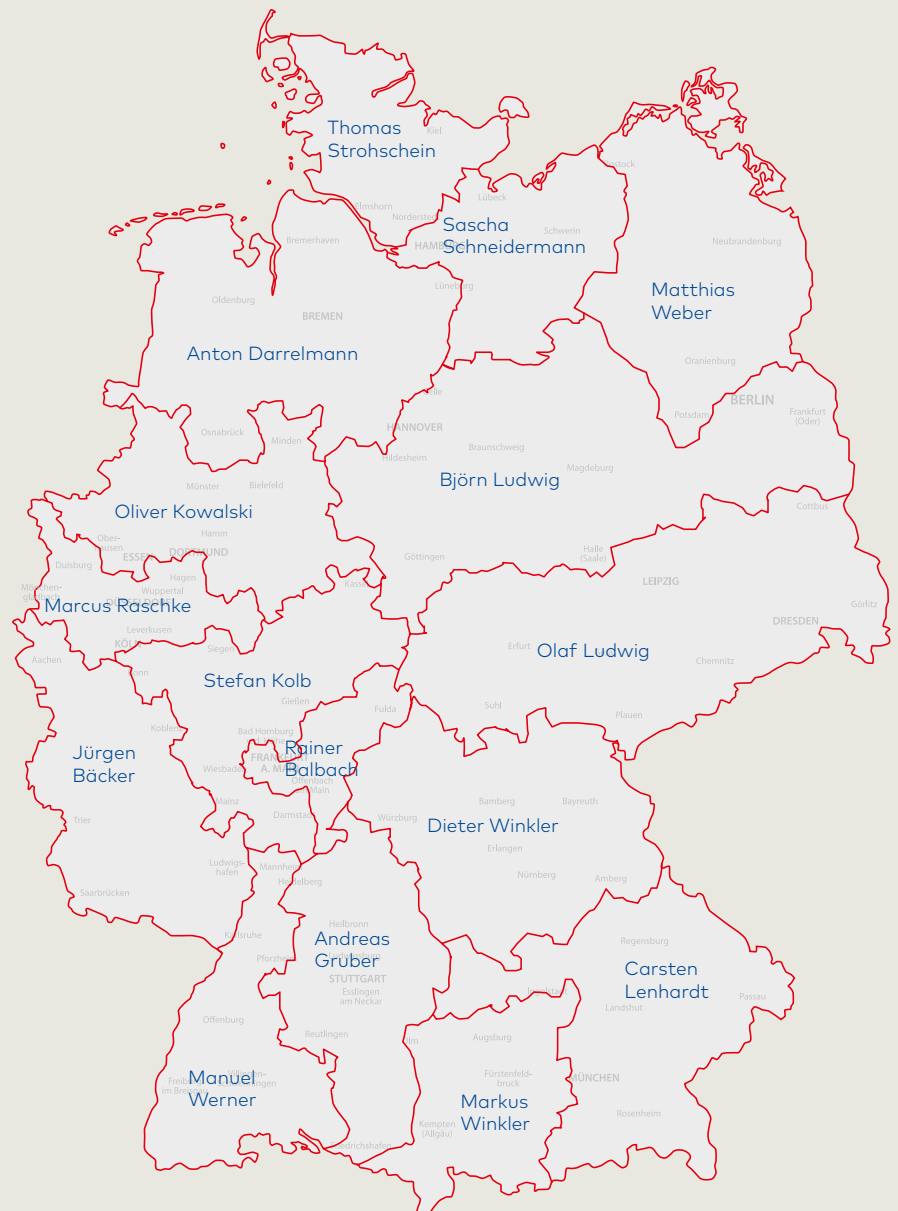
# Your contact person: here to help.



Construction is complicated. This is a good thing, because well-planned buildings should survive for many decades, ideally even centuries. Ultimately there must be no uncertainties. We have an expert answer to all of the almost endless questions, from the simple standard to special material composition. That's our job. Call or email us.

## Construction knowledge is our field. In your field, too.

Contact one of our expert property consultants near you and arrange a telephone or in-person appointment.



Please feel free to contact our architect department. We look forward to hearing from you and are happy to help.

**Architect department:**

**T: 0800 367 6226 (free)**

**[architekten.dach@dormakaba.com](mailto:architekten.dach@dormakaba.com)**



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# We make access in life smart and secure

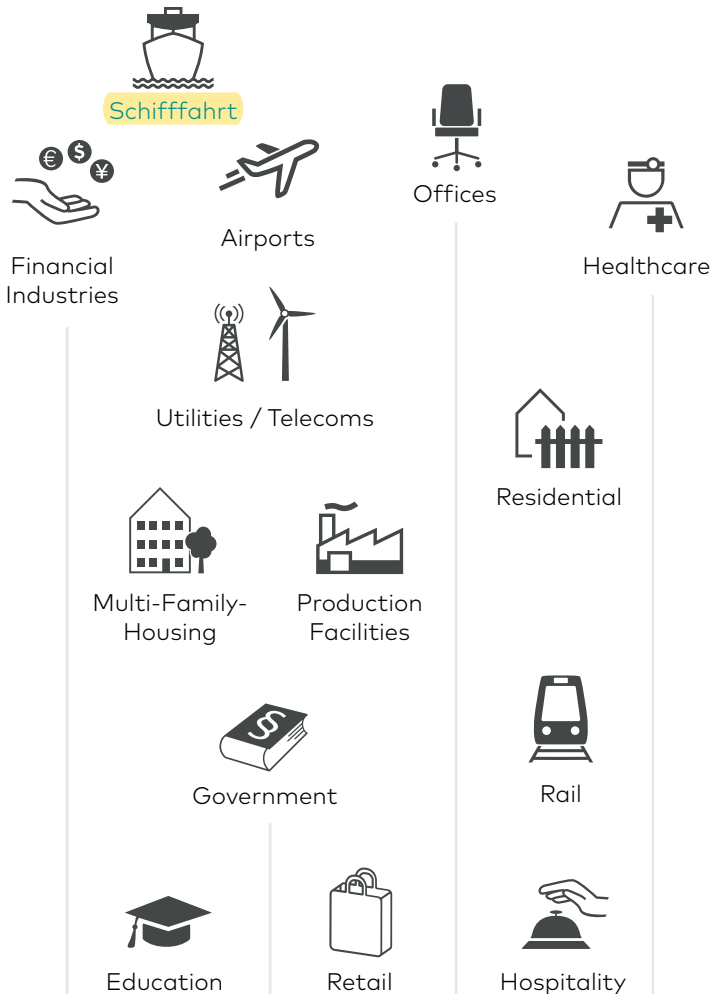
## Our Offering

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



WN 05278451: 01/20, EN, 2, JP/GRD, 01/20  
Subject to change without notice



**Türtechnik**



**Automatische  
Türsysteme**



**Systemlösungen  
Zutritt und Zeit**



**Glassysteme**



**Mechanische  
Schliesssysteme**



**Hochsicherheits-  
schlösser**



**Hotelzutritts-  
systeme**



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