



OneSystem door solutions –  
everything from a single source

**ASSA ABLOY**

Experience a safer  
and more open world



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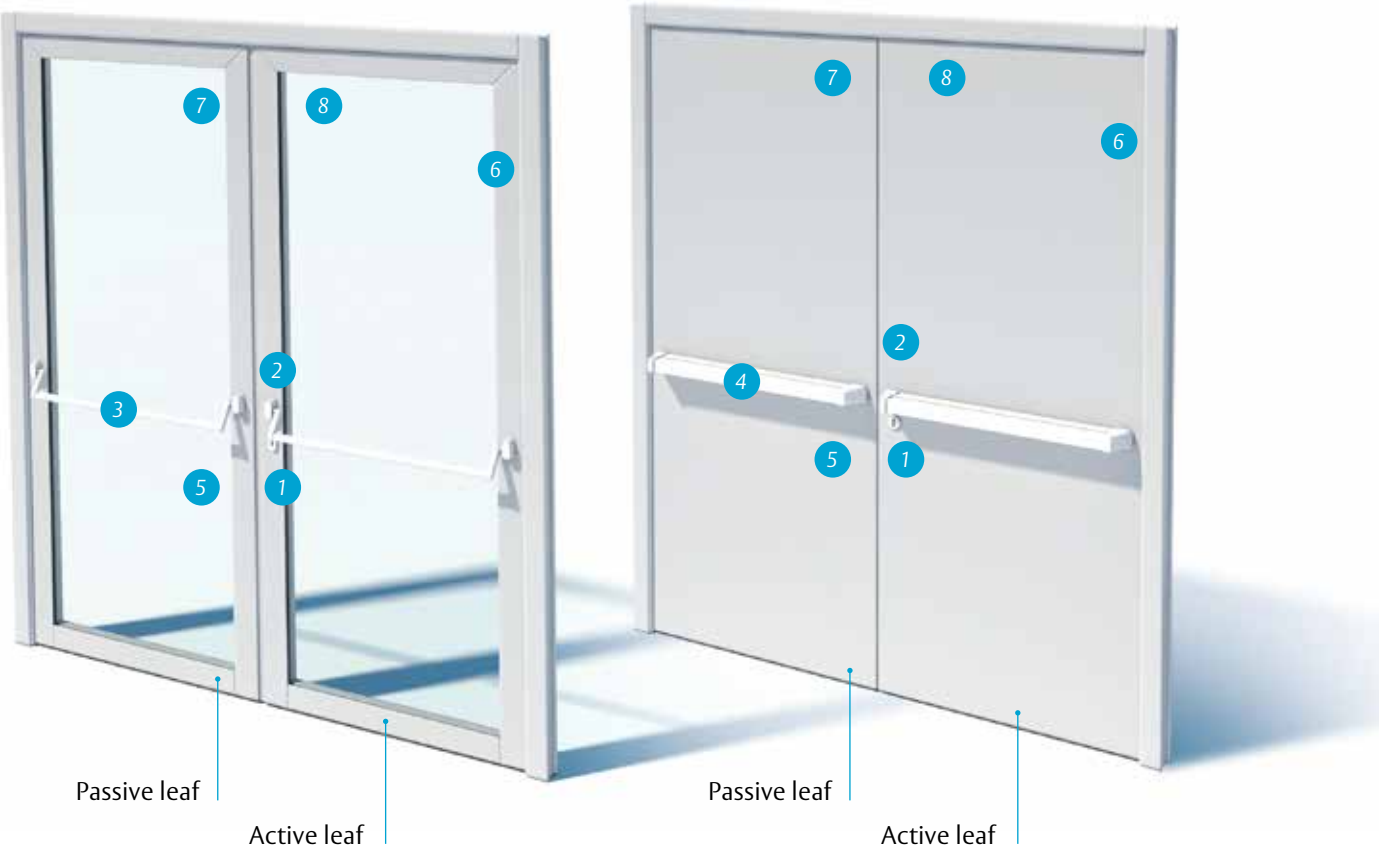
### Quick Guide





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# Everything you need: for commercial and public doors, fire doors, special doors, multi-functional doors

In the commercial and public building sector, there are a large number of different doors with different functions, depending on building use. Offices, hotels, hospitals, shopping centers or industrial buildings have entrance areas, conference rooms, patient rooms, security areas and other special facilities. OneSystem and all components in this unique project lock range fulfill the requirements for doors as a system. Requirements for doors in commercial and public buildings:

- Fire and smoke protection
- Escape and rescue route functions
- Access control and integration
- Burglary prevention and protection against tampering
- Door automation and barrier-free design
- Monitoring and communication
- Material and design
- Cost efficiency and environmental responsibility



1	Standard project lock/ panic lock	
2	Door handles	
3	Panic push bar	
4	Panic touch bar	

5	Passive leaf locking	
6	Bus system for easy connection	
7	Locking upwards and optional locking downwards in the inactive leaf	
8	Optional locking upwards in the active leaf	

## OneSystem project locks: different series, customer-oriented variants, precisely in line with your requirements

OneSystem offers an extensive modular product portfolio – from the simple mechanical mortise lock to the electro-mechanical project lock.

All project locks and components feature the necessary functions to be integrated into virtually any door

and virtually any door system: in standard project doors, fire doors, special doors and multi-functional doors. All project locks and components have the legally required approvals and certificates for the EU and others.



## Door 1a

### Fire rated door

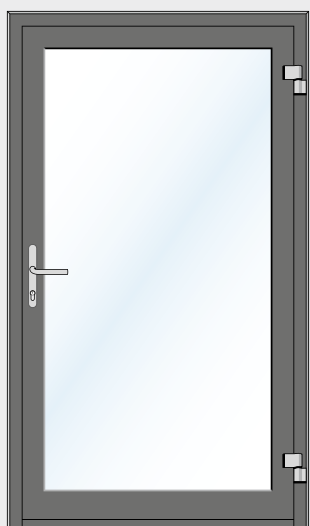


#### Example application:

The door is at the end of a corridor in an office building. It needs to be fire rated. The lock must be certified accordingly.

The door can be opened from both sides via lever handle. As it is a non-escape door, it can be locked by an authorised person by key.

Outside



Inside



#### Components

- N1550 Sash lock for fire rated doors
- N6500 Flat strike plate
- H4xxx0 Handle set (handle/handle)
- Z531 Profile double cylinder

## Door 1b

### Fire rated door

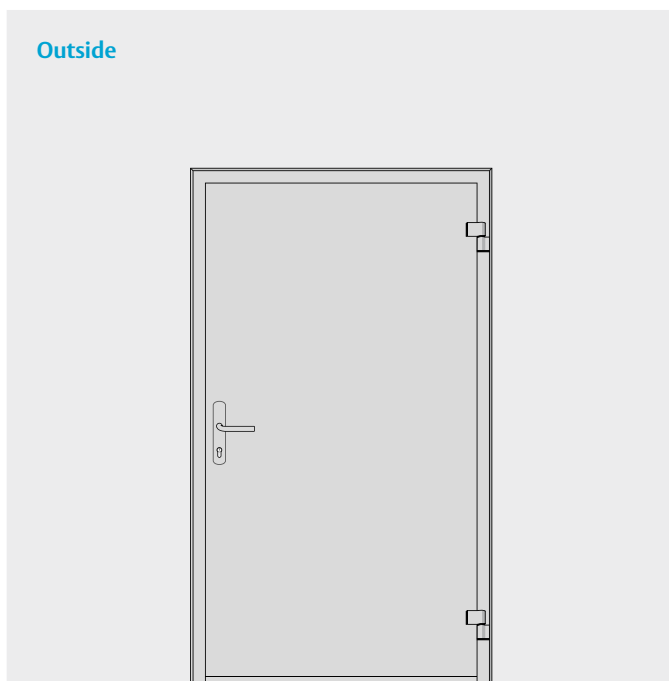


#### Example application:

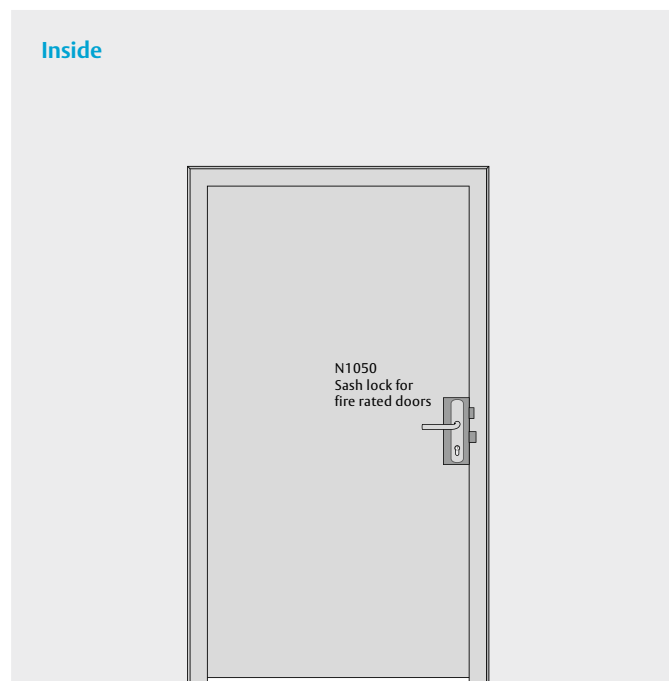
The door is a patient room in a hospital.  
It needs to be fire rated. The lock must be certified accordingly.

The door can be opened from both sides via lever handle. As it is a non-escape door, it can be locked by an authorised person by key.

Outside



Inside



#### Components

- N1050 Sash lock for fire rated doors
- N6001 Flat strike plate
- H5xxx0 Handle set (handle/handle)
- HAxx Mounting set
- Z531 Profile double cylinder

## Door 10a

### Fire rated door



#### Example application:

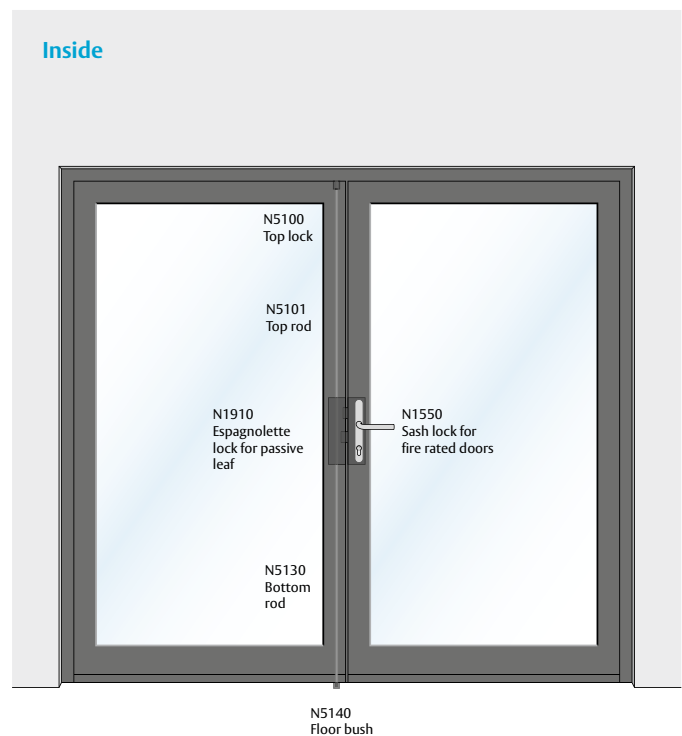
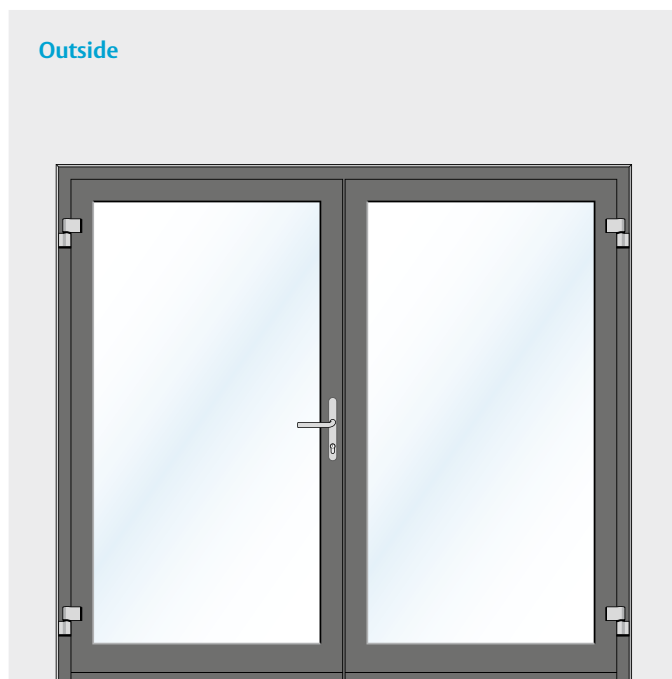
The door is a shop entrance door in a shopping mall without escape requirements.

It needs to be fire rated. The lock must be certified accordingly.

The active leaf can be opened from both sides via lever handle. The passive leaf is locked on top as well as on

the bottom via rods. If needed, it can be opened by the lever inside of the espagnolette lock. After closing, the passive leaf relocks automatically.

As it is a non-escape door, it can be locked by an authorised person by key.



#### Components

- N1550 Sash lock for fire rated doors
- N1910 Espagnolette lock for passive leaf
- N5100 Top lock
- N6900 Strike plate for top lock
- N5101 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H4xxx0 Handle set (handle/handle)
- HAxX Mounting set
- Z531 Profile double cylinder

(For pictures and drawings of the components see page 26 ff)

## Door 10b

### Fire rated door



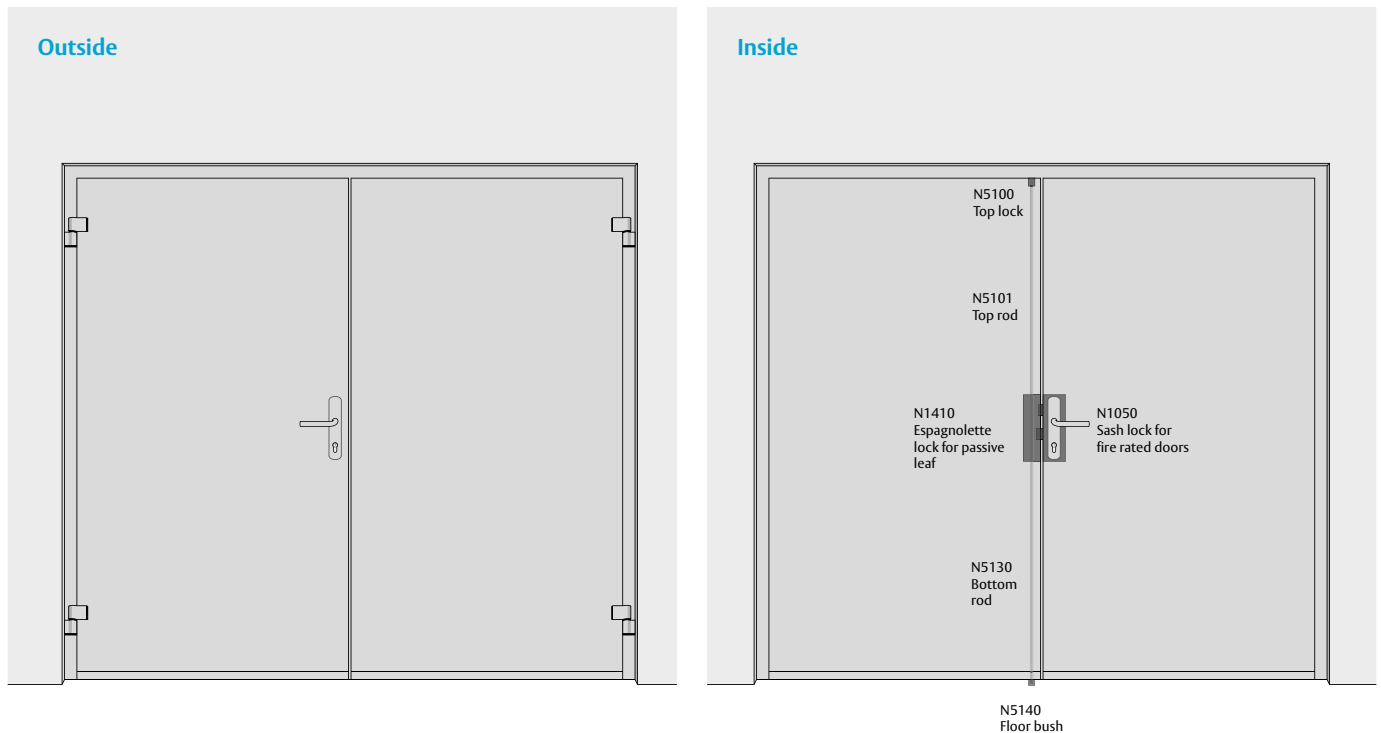
#### Example application:

The door leads to a storage room and does not have any escape requirements.

It needs to be fire rated. The lock must be certified accordingly.

The active leaf can be opened from both sides via lever handle. The passive leaf is locked on top as well as on

the bottom via rods. If necessary for big items, it can be opened by the lever inside of the espagnolette lock. After closing, the passive leaf relocks automatically. As it is a non-escape door, it can be locked by an authorised person by key.



#### Components

- N1050 Sash lock for fire rated doors
- N1410 Espagnolette lock for passive leaf
- N5100 Top lock
- N6900 Strike plate for top lock
- N5101 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H5xxx0 Handle set (handle/handle)
- HAXx Mounting set
- Z531 Profile double cylinder

(For pictures and drawings of the components see page 26 ff)

## Door 2a

### Escape door according to EN 179



#### Example application:

The door leads to an escape staircase in an office environment.

Towards the staircase, it can be opened via lever handle at any time, even if it is deadlocked.

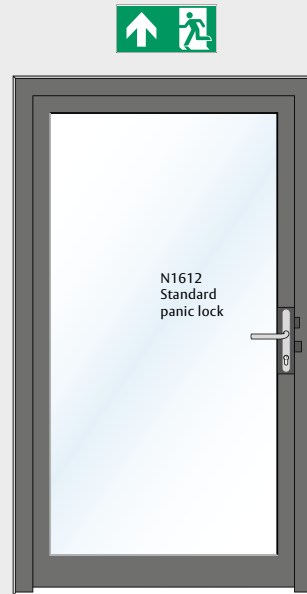
From the staircase, the offices can be only entered by key as there is a knob fitted (panic function E\*).

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.

Outside



Inside



#### Components

- N1612 Standard panic lock
- N6500 Flat strike plate
- H83 Handle set (handle/knob)
- HAxx Mounting set
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 2b

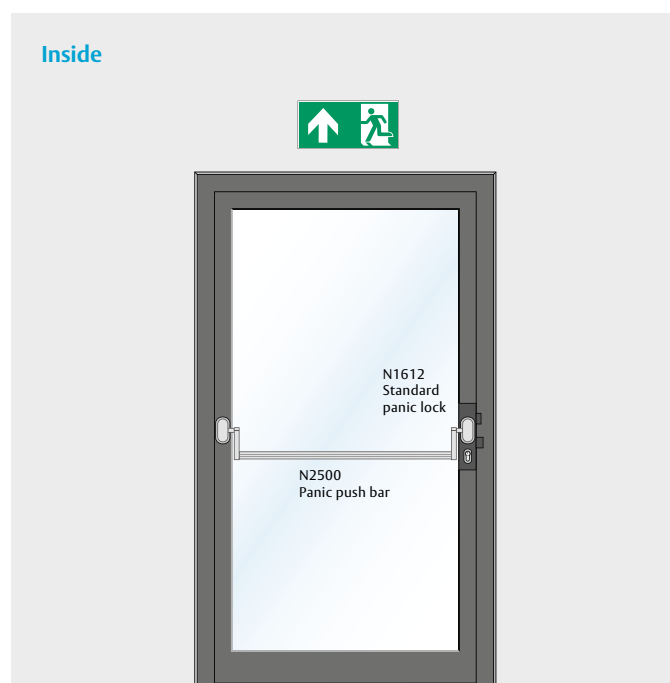
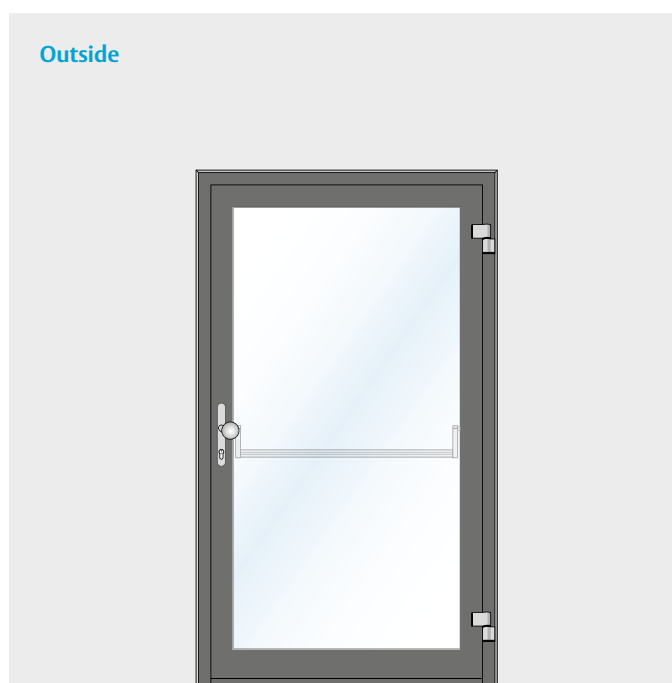
### Escape door according to EN 1125



#### Example application:

The door leads to an escape back exit in a hotel.  
In escape direction, it can be opened via panic push bar, even if it is deadlocked.  
From the outside, the hotel can only be entered by key

as there is a knob fitted (panic function E\*).  
The door needs to be fire rated and panic compliant.  
The lock must be certified accordingly.



#### Components

- N1612 Standard panic lock
- N6500 Flat strike plate
- H08 Half knob set
- HAXx Mounting set
- N2500 Panic push bar (gearing + push bar)
- Z531 Profile double cylinder

\* Other panic functions available, see options  
on page 30/31



#### Example application:

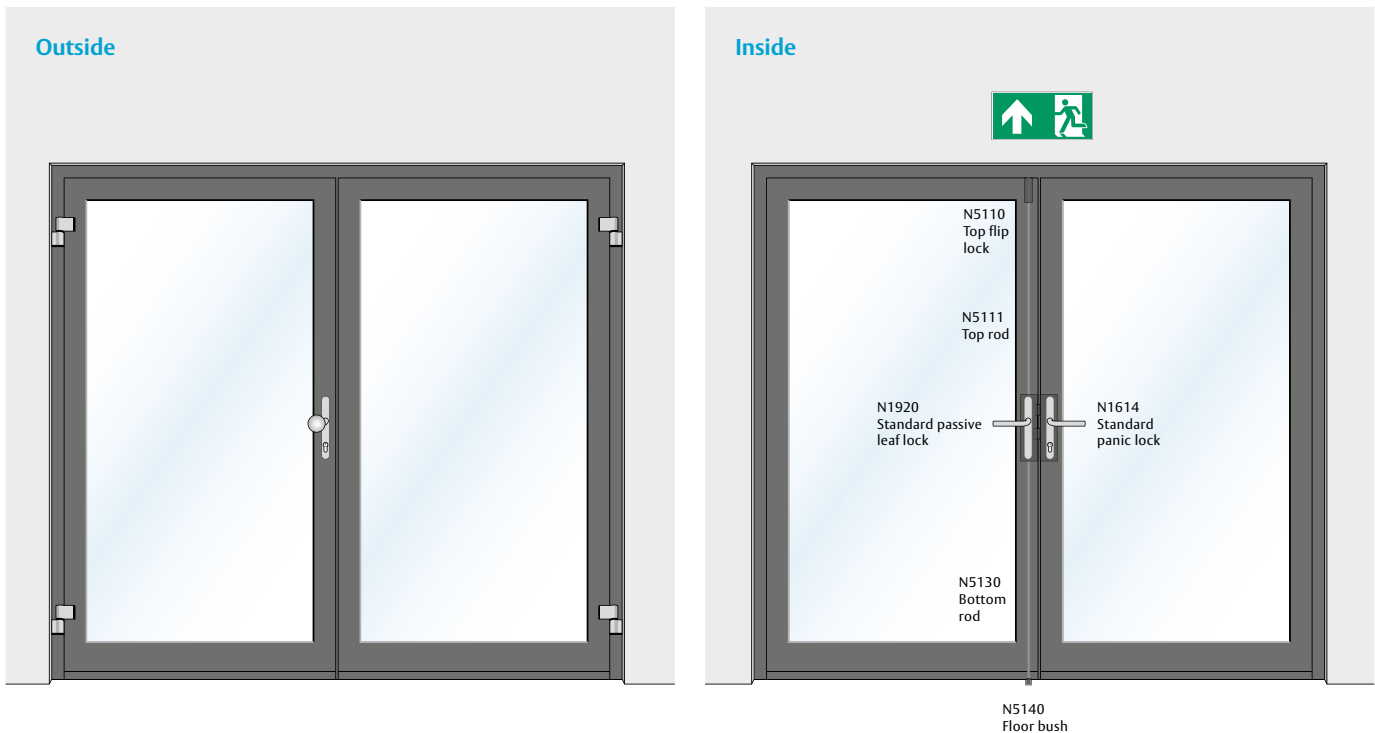
The door leads from the staircase to a floor level in a multi-office building.

The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.

In escape direction, both leaves can be opened via lever handle, even if they are deadlocked.

From the outside, the floor level door can only be entered by key as there is a knob fitted (panic function E\*).

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- N1614 Standard panic lock
- N1920 Standard passive leaf lock
- N5110 Top flip lock
- N6901 Strike plate for top flip lock
- N5111 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H83 Handle set (handle/knob)
- HAxX Mounting set
- H89 Handle for passive leaf
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 20b

### Escape door according to EN 1125

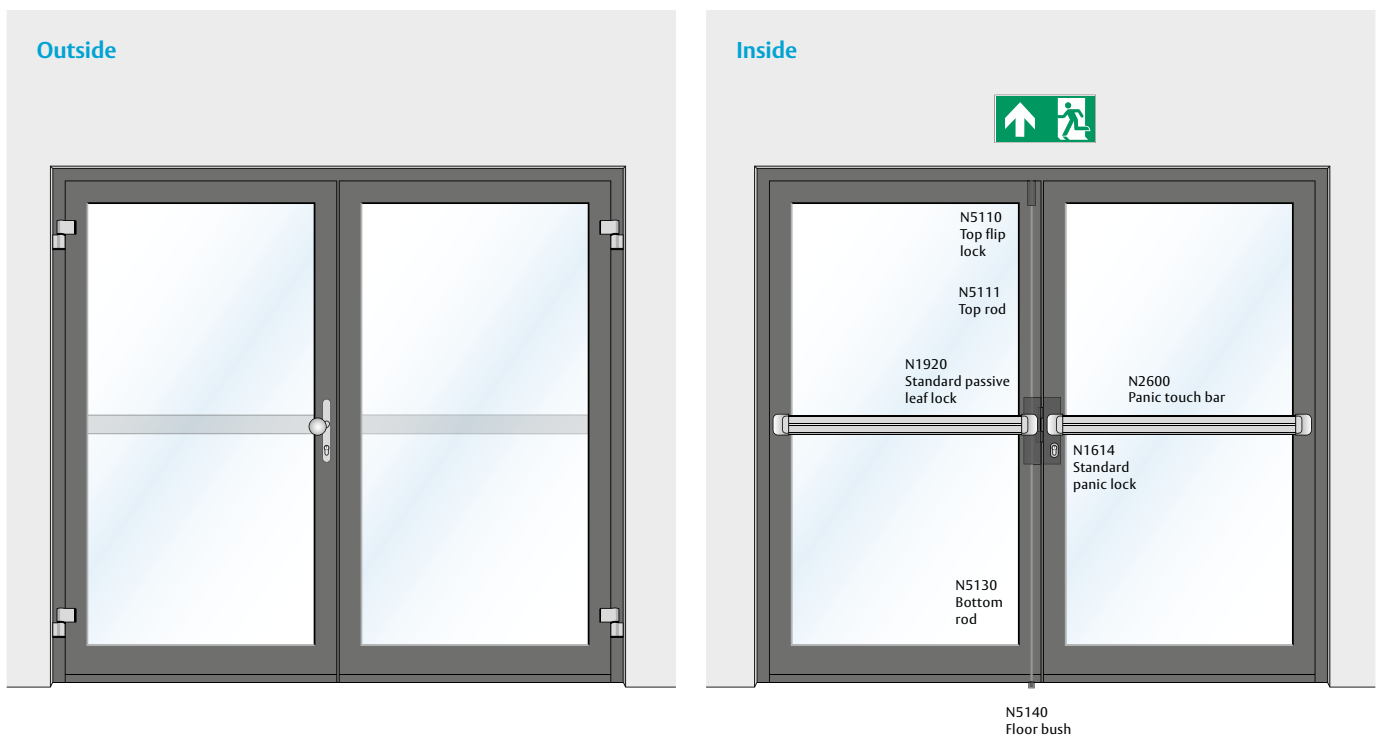


#### Example application:

The door leads to a back panic exit of an opera house. The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically. In escape direction, both leaves can be opened via panic touch bar, even if they are deadlocked.

From the outside, the floor level door can only be entered by key as there is a knob fitted (panic function E\*).

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- N1614 Standard panic lock
- N1920 Standard passive leaf lock
- N5110 Top flip lock
- N6901 Strike plate for top flip lock
- N5111 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H83 Outside knob for active leaf
- H68002 Falt knob for active leaf
- HAXX Mounting set
- N2600 Panic touch bar (2x)
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 3a

### Escape door according to EN 179



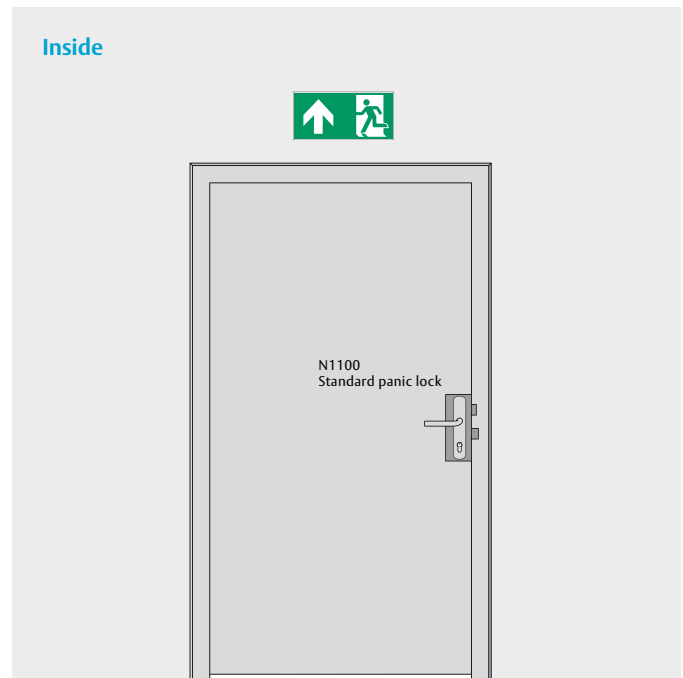
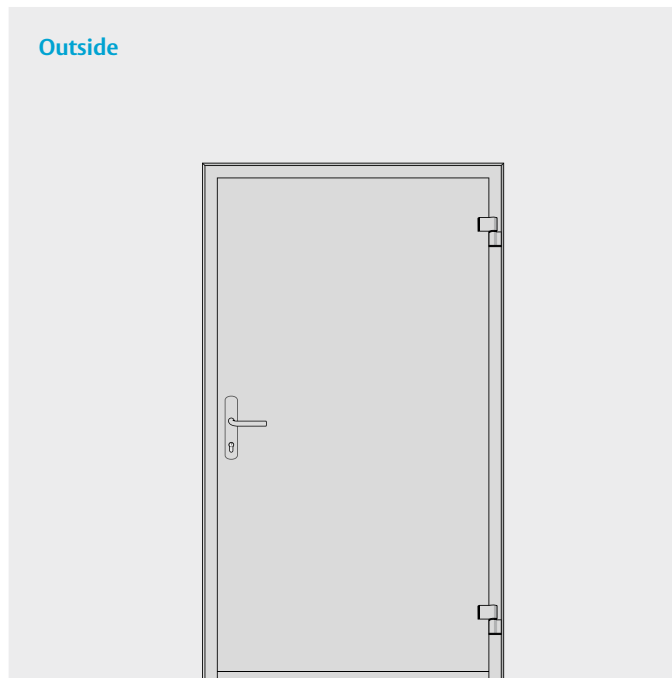
#### Example application:

The door leads from a staircase to the parking area. In escape direction towards the parking area, it can be opened via lever handle at any time, even if it is deadlocked.

From the parking area, the building can be entered via handle during the daytime.

For the night, the outer handle can be deactivated via the cylinder (panic function B\*).

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- N1100 Standard panic lock
- N6001 Flat strike plate
- H93 Handle set (handle/handle)
- HAxX Mounting set
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 3b

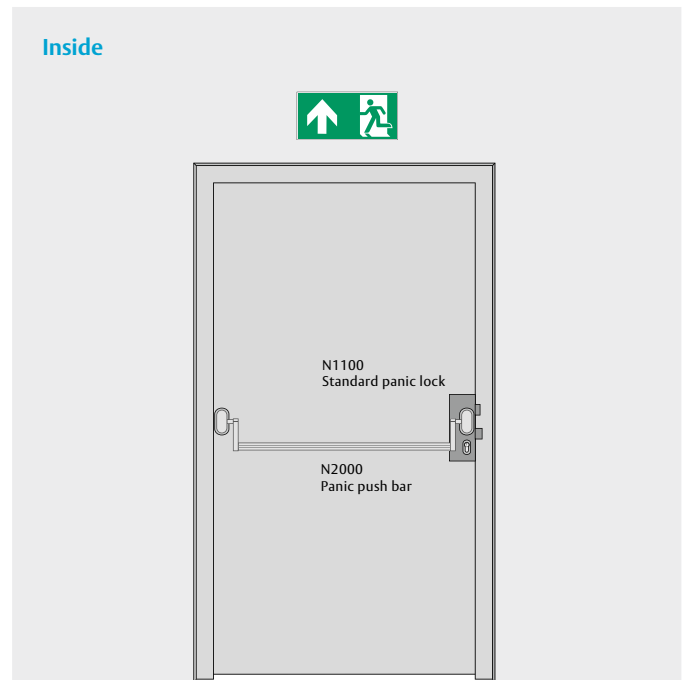
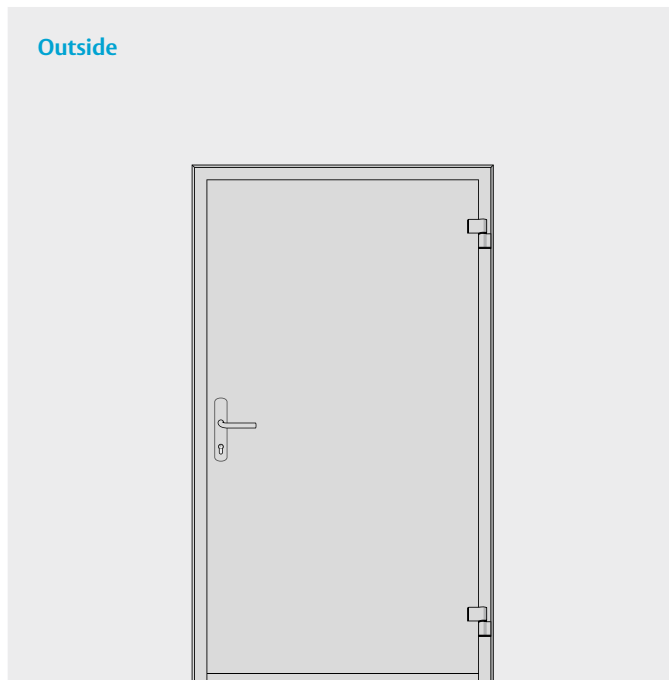
### Escape door according to EN 1125



#### Example application:

The door is an entrance to a government building. In escape direction, it can be opened via panic push bar at any time, even if it is deadlocked. During office hours, the building can be entered via lever handle.

After office hours, the outer handle can be deactivated via the cylinder (panic function B\*). The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- N1100 Standard panic lock
- N6001 Flat strike plate
- H96 Outside handle
- HAXX Mounting set
- N2000 Panic push bar (gearing + push bar)
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 30a

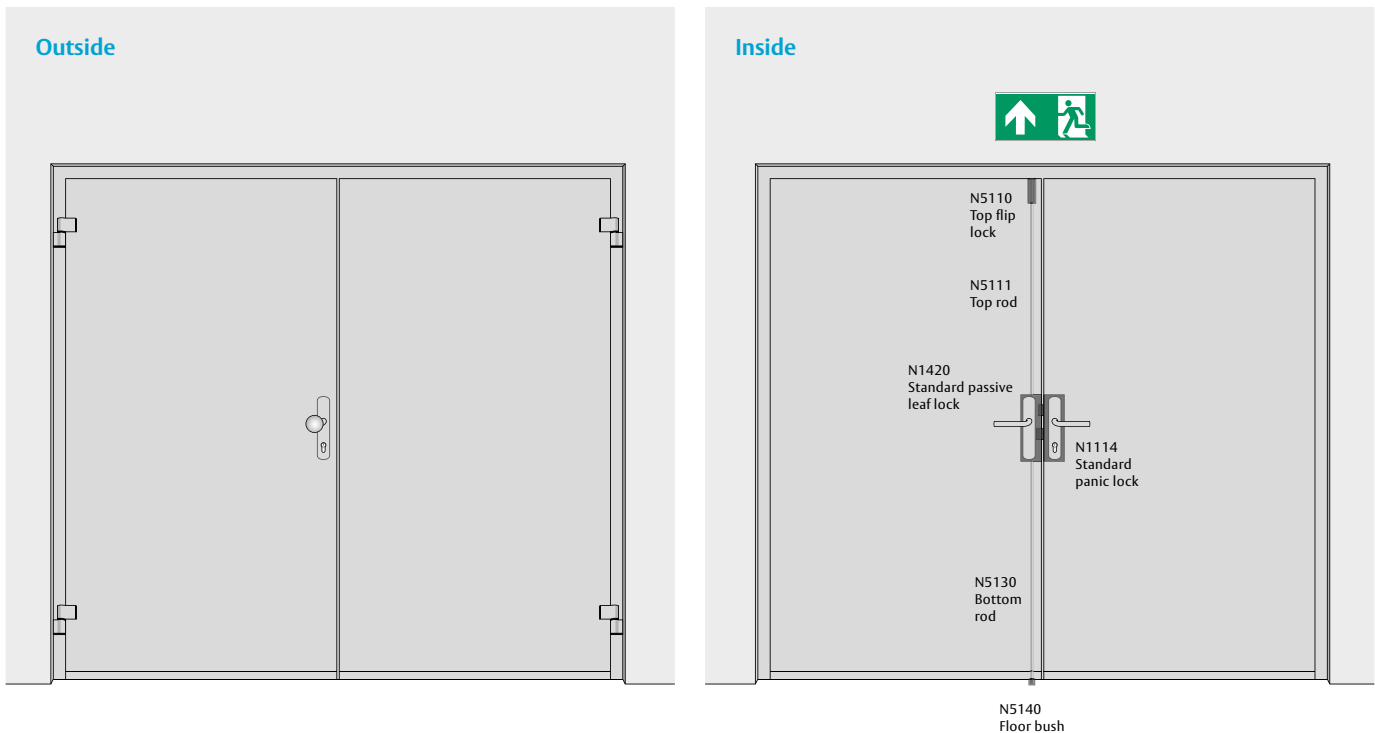
### Escape door according to EN 179



#### Example application:

The door is the entrance to a power station.  
The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.  
In escape direction, both leaves can be opened via lever handle, even if they are deadlocked.

From the outside, the power station can be only entered by key as there is a knob fitted (panic function E\*).  
The door needs to be fire rated and escape compliant.  
The lock must be certified accordingly.



#### Components

- N1114 Standard panic lock
- N1420 Standard passive leaf lock
- N5110 Top flip lock
- N6901 Strike plate for top flip lock
- N5111 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H93 Handle set (knob/handle)
- H99 Handle for passive leaf
- HAxX Mounting set
- Z531 Profile double cylinder

\* Other panic functions available, see options  
on page 30/31

## Door 30b

### Escape door according to EN 1125

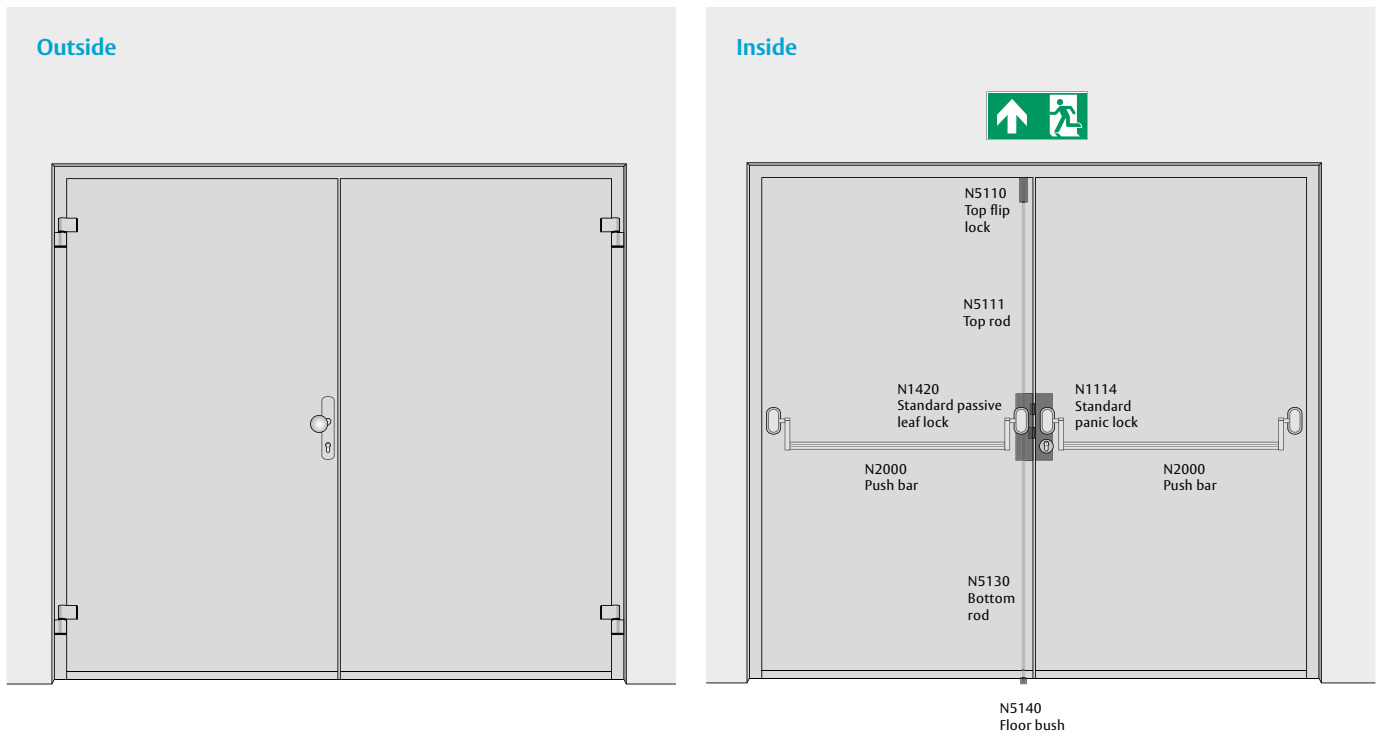


#### Example application:

This is an escape back door in a shopping centre. The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically. In escape direction, both leaves can be opened via panic push bar, even if they are deadlocked.

From the outside, the shopping centre can only be entered by key as there is a knob fitted (panic function E\*).

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- N1114 Standard panic lock
- N1420 Standard passive leaf lock
- N5110 Top flip lock
- N6901 Strike plate for top flip lock
- N5111 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H96 Outside knob
- HAXx Mounting set
- 2 x N2000 Gearing + push bar
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 4a

### Escape door according to EN 179

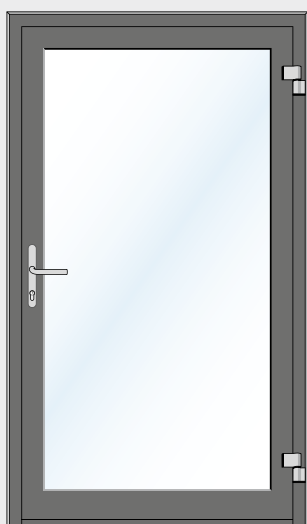


#### Example application:

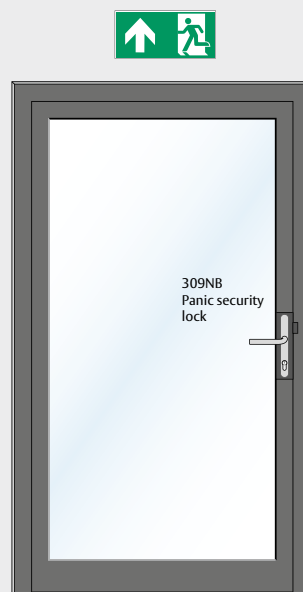
The door is an entrance to an office building.  
In escape direction, it can be opened via lever handle at any time, even if it is deadlocked.  
During office hours, the building can be entered via handle. After office hours, the outer handle can be

deactivated via the cylinder (panic function B\*).  
Due to the self-locking function, the door is always secured by a 20 mm bolt.  
The door needs to be fire rated and escape compliant.  
The lock must be certified accordingly.

Outside



Inside



#### Components

- 309NB Panic security lock
- 509ZBS033 Flat strike plate
- H83 Handle set (handle/handle)
- HAxx Mounting set
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 4b

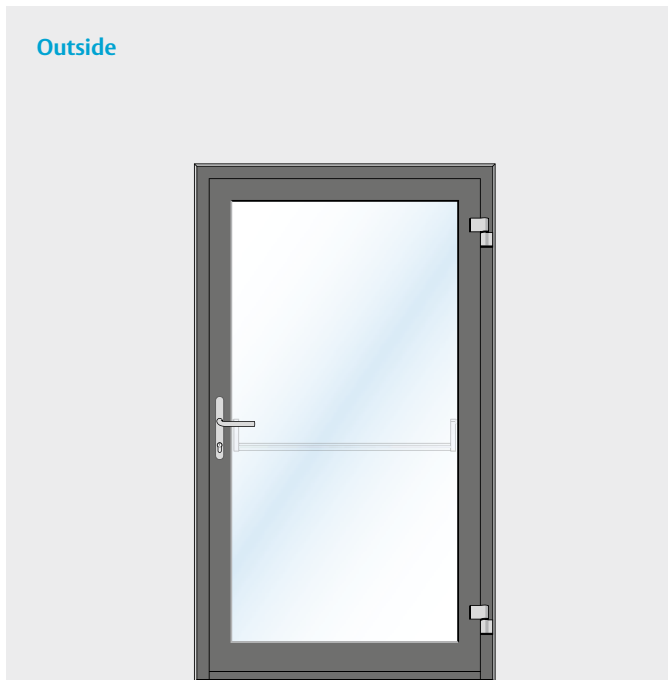
### Escape door according to EN 1125



#### Example application:

The door is a side entrance to a cinema.  
In escape direction, it can be opened via panic push bar at any time, even if it is deadlocked.  
During opening hours, the cinema can be entered via handle. After opening hours, the outer handle can be

deactivated via the cylinder (panic function B\*).  
Due to the self-locking multi-point lock, the door is always secured by 3 x 20 mm bolts.  
The door needs to be fire rated and escape compliant.  
The lock must be certified accordingly.



#### Components

- 319NB Panic security multi-point lock with dead bolts
- 819ZBS176 Strike plate for multi-point lock
- H86 Outside handle
- HAXX Mounting set
- N2500 Panic push bar (gearing + push bar)
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 40a

### Escape door according to EN 179



#### Example application:

This an entrance door to a shop.

The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.

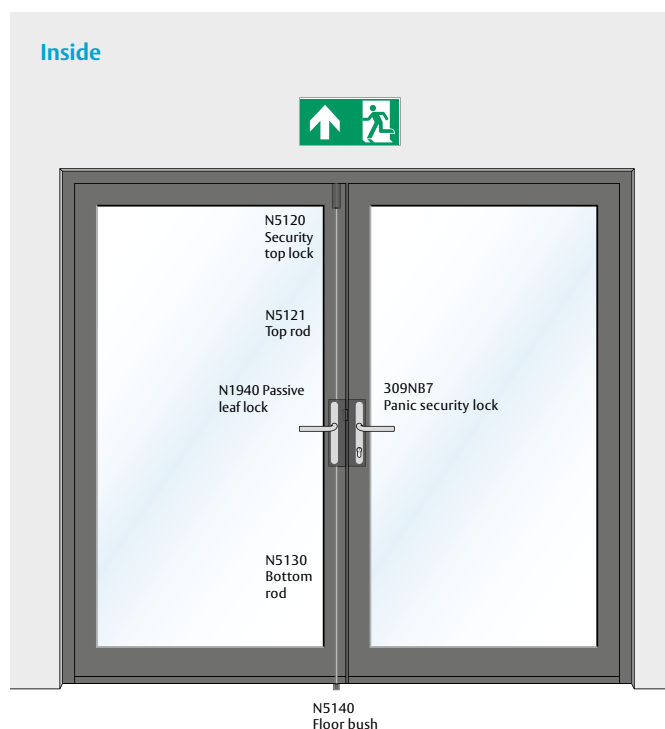
In escape direction, both leaves can be opened via lever handle, even if they are deadlocked.

During opening hours, the shop can be entered via

handle. After opening hours, the outer handle can be deactivated via the cylinder (panic function B\*).

Due to the self-locking function, the door is always secured by a 20 mm bolt.

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- 309NB7 Panic security lock
- N1940 Passive leaf lock
- N5120 Security top lock
- N6981 Flat strike plate for security top lock
- N5121 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H83 Handle set (handle/handle)
- H89 Handle for passive leaf
- HAxX Mounting set
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 40b

### Escape door according to EN 1125



#### Example application:

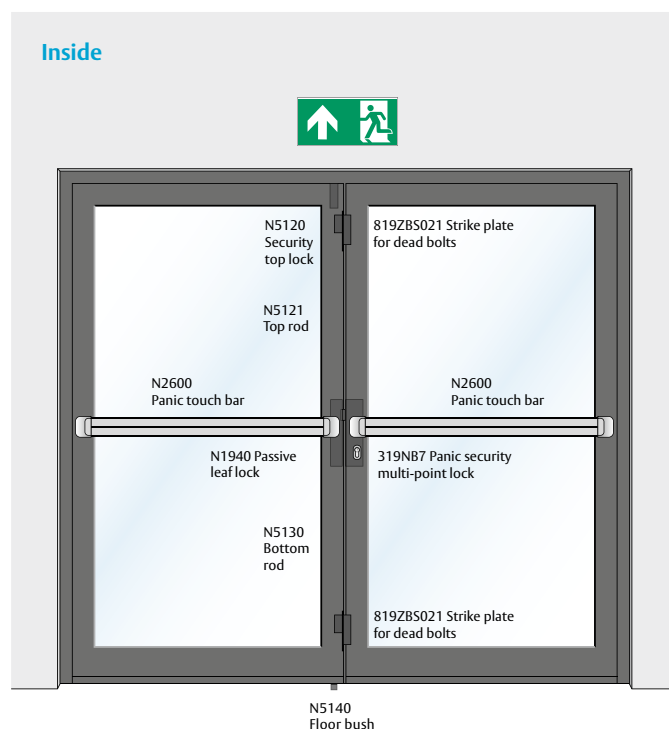
This is an entrance door to a concert hall.  
The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.

In escape direction, both leaves can be opened via panic touch bar, even if they are deadlocked.

During opening hours, the hall can be entered via

lever handle. After opening hours, the outer handle can be deactivated via the cylinder (panic function B\*). Due to the self-locking multi-point lock, the door is always secured by 3 x 20 mm bolts.

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- 319NB7 Panic security multi-point lock
- N1940 Passive leaf lock
- 2 x 819ZBS021 Strike plate for dead bolts
- N5120 Security top lock
- N6981 Flat strike plate for security top lock
- N5121 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- H86 Outside handle
- HAXX Mounting set
- 2 x N2600 Panic touch bar
- Z531 Profile double cylinder

\* Other panic functions available, see options on page 30/31

## Door 5a

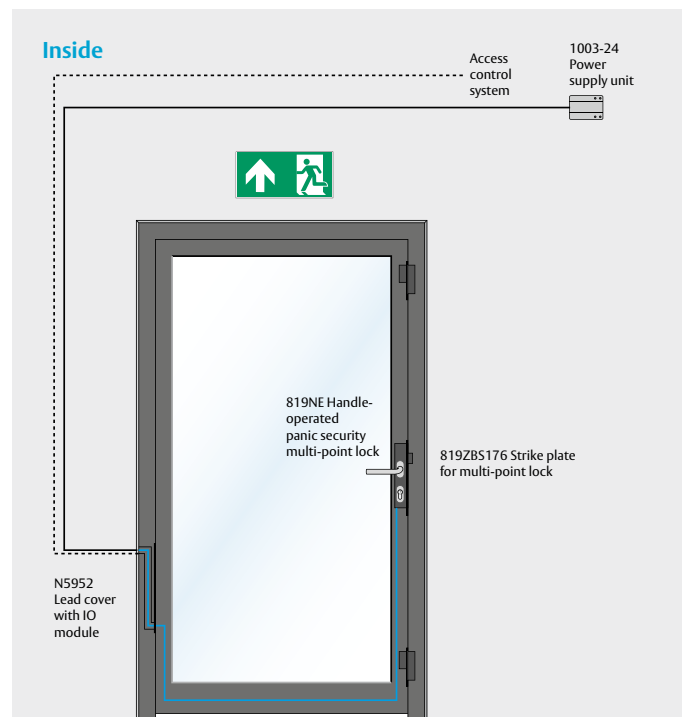
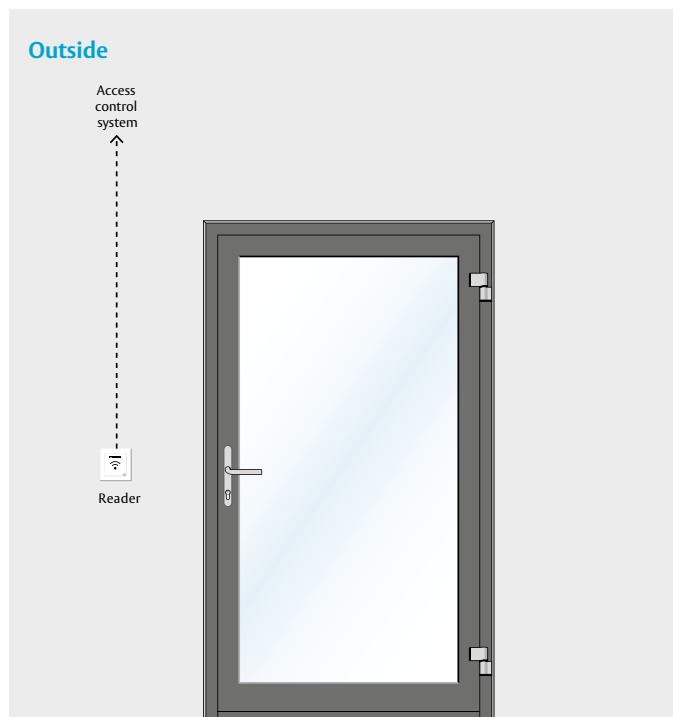
### Escape door according to EN 179, with access control



#### Example application:

The door is an entrance to an office.  
In escape direction, it can be opened via lever handle at any time, even if it is deadlocked.  
Authorised persons can enter the office via card and lever handle. Additionally, the door can be opened by key and lever handle (panic function C\*).

Due to the self-locking function, the door is always secured by a 20 mm bolt.  
The door needs to be fire rated and escape compliant.  
The lock must be certified accordingly.



#### Components

- 819NE Handle-operated panic security multi-point lock
- 819ZBS176 Strike plate for multi-point lock
- N59550 Cable
- N5952 Lead cover with IO module
- H83 Handle set (handle/handle)
- HAXX Mounting set
- Z531 Profile double cylinder
- 1003-24 Power supply unit

\* Other panic functions available, see options on page 30/31

## Door 5b

# Escape door according to EN 1125, with door automation



### Example application:

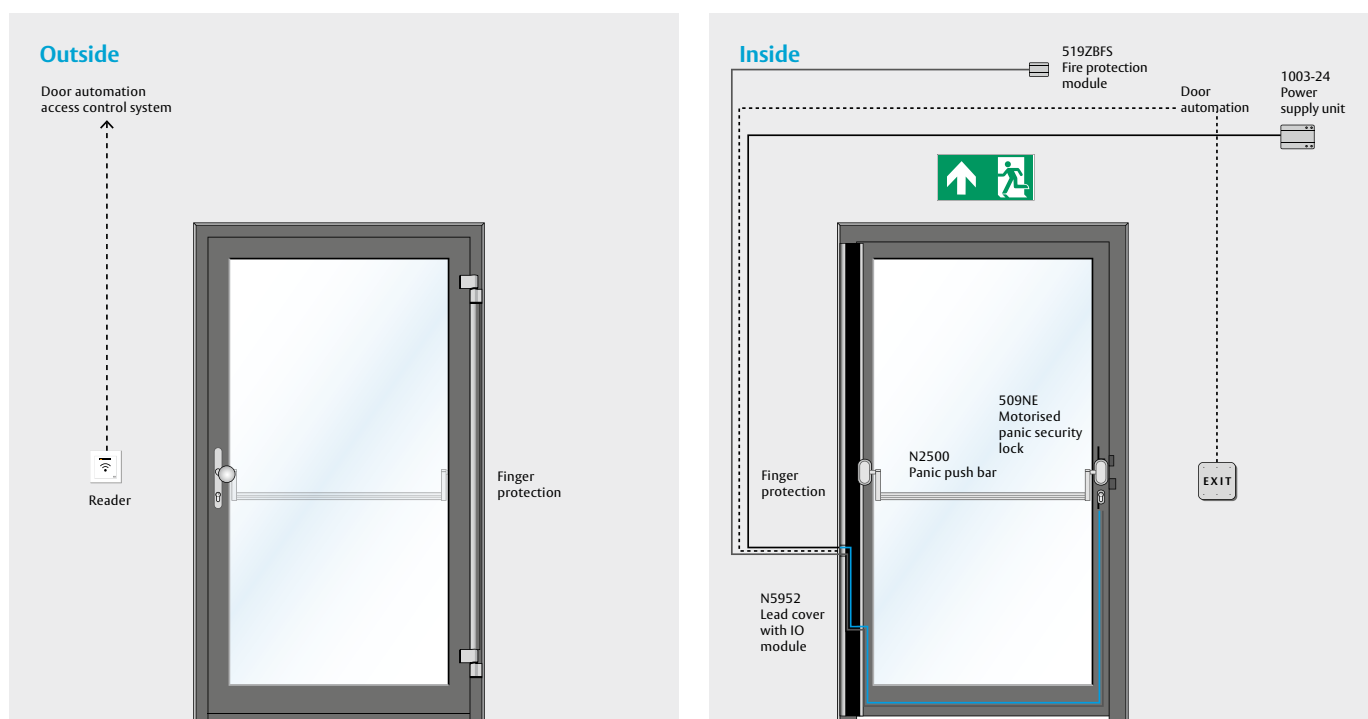
The door is a side entrance to an elderly care home. In escape direction, it can be opened via panic push bar at any time, even if it is deadlocked. In addition, the door can be opened via elbow switch. Authorised persons can enter the home via card reader which triggers the motor lock and the door automation. Additionally, the door can be opened by key (panic function E\*).

Due to the self-locking function, the door is always secured by a 20 mm bolt.

The door needs to be fire rated and escape compliant.

The lock must be certified accordingly.

The fire protection module ensures that the door is locked in an event of fire or power failure.



### Components

- 509NE Motorised panic security lock
- 509ZBS Strike plate
- N59550 Cable
- N5952 Lead cover with IO module
- 519ZBFS Fire protection module
- H86 Outside knob
- HAXX Mounting set
- N2500 Panic push bar
- Z531 Profile double cylinder
- 1003-24 Power supply unit
- Available additional option:  
FSR 6000 Finger protection  
(Article no. F6111, EV1 anodised)

\* Other panic functions available, see options  
on page 30/31

## Door 50a

### Escape door according to EN 179 with access control



#### Example application:

The door is an entrance for employees.

The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.

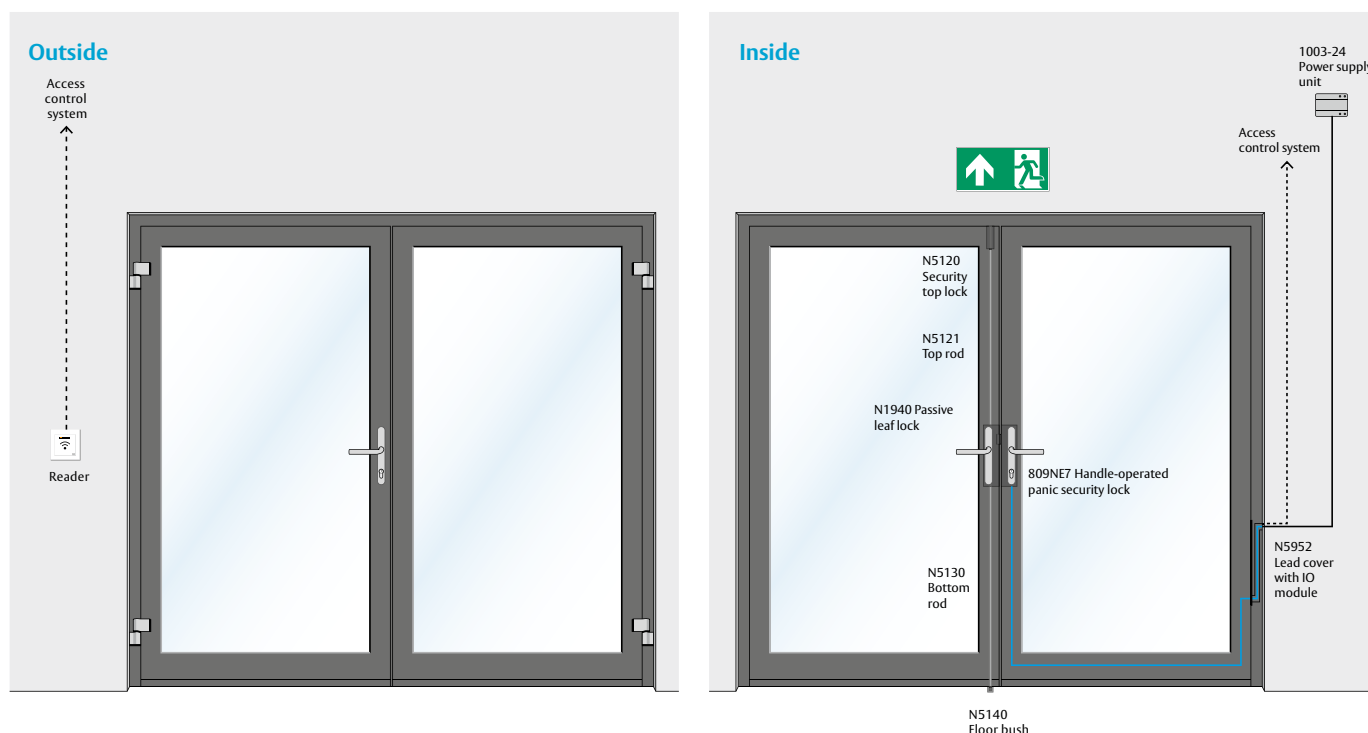
In escape direction, both leaves can be opened via lever handle, even if they are deadlocked.

Authorised persons can enter the building via card and

lever handle. Additionally, the door can be opened by key and lever handle (panic function C\*).

Due to the self-locking function, the door is always secured by a 20 mm bolt.

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.



#### Components

- 809NE7 Handle-operated panic security lock
- N1940 Passive leaf lock
- N5120 Security top lock
- N6981 Flat strike plate for security top lock
- N5121 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- N59550 Cable
- N5952 Lead cover with IO module
- H83 Handle set (handle/handle)
- H89 Handle for passive leaf
- HAxX Mounting set
- Z531 Profile double cylinder
- 1003-24 Power supply unit

\* Other panic functions available, see options  
on page 30/31

(For pictures and drawings of the components see page 26 ff)

## Door 50b

# Escape door according to EN 1125 with door automation



### Example application:

The door is a hospital entrance.

The passive leaf is locked on top as well as on the bottom via rods. After closing, the passive leaf relocks automatically.

In escape direction, both leaves can be opened via panic touch bar, even if they are deadlocked.

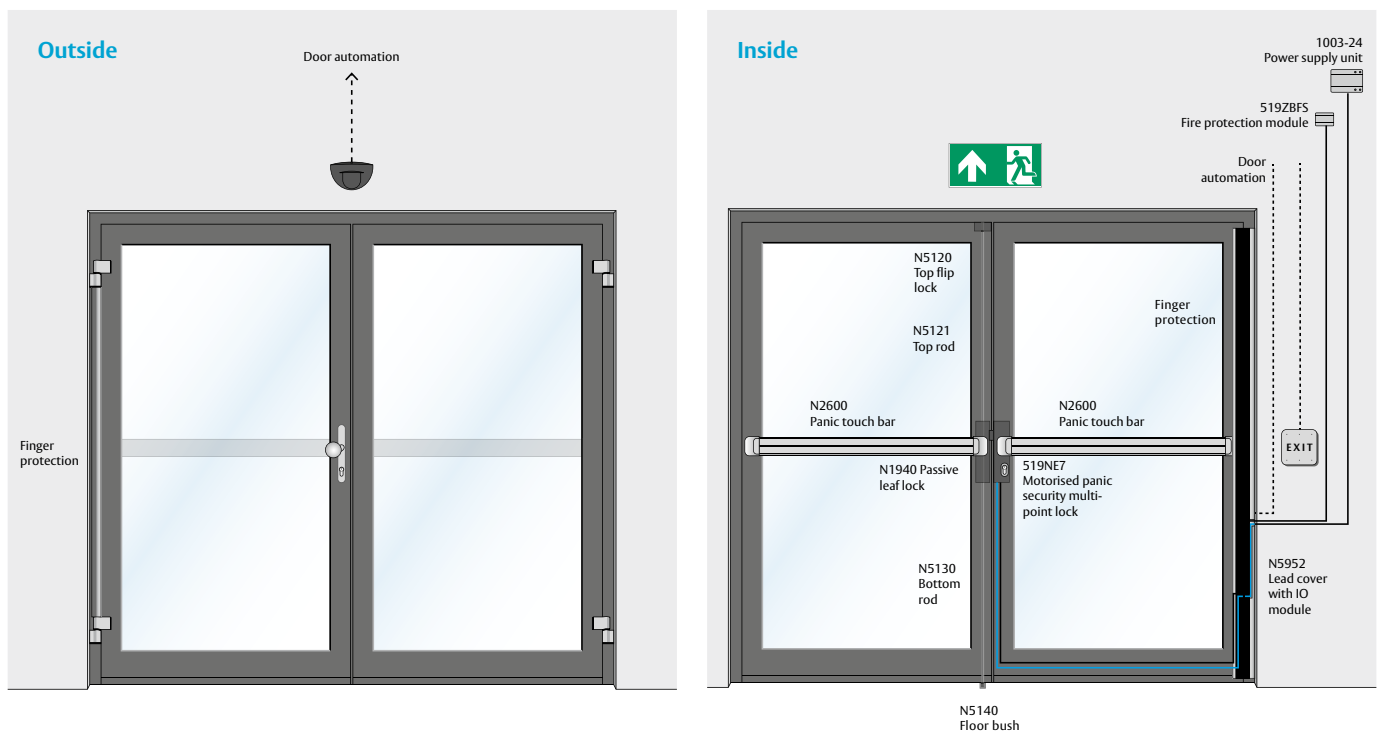
A radar sensor above the door triggers the motor lock and the door automation will open the active leaf only.

Additionally, the door can be opened by key (panic function E\*).

Due to the self-locking multi-point lock, the door is always highly secured by 3 x 20 mm bolt.

The door needs to be fire rated and escape compliant. The lock must be certified accordingly.

The fire protection module ensures that the door is locked in an event of fire or power failure.



### Components

- 519NE7 Motorised panic security multi-point lock
- N1940 Passive leaf lock
- 819ZBS021 Strike plates 6 mm for bolts
- N5120 Top lock
- N698 Strike plate for top lock
- N5121 Top rod
- N5130 Bottom rod
- N5150 Bottom rod guide
- N5140 Floor bush
- N5955 Cable
- N5952 Lead cover with IO module
- H86 Outside knob
- HAXx Mounting set
- 519ZBF5 Fire protection module
- N2600 Panic touch bar (2x)
- Z531 Profile double cylinder
- 1003-24 Power supply unit
- Available additional option: FSR 6000 Finger protection (Article no. F6111, EV1 anodised)

\* Other panic functions available, see options on page 30/31

(For pictures and drawings of the components see page 26 ff)

## The product components – the locks at a glance



N1550 Sash lock  
for fire rated doors



N1050 Sash lock  
for fire rated doors



N16xx Standard panic lock



N11xx Standard panic lock



309NB/309NE  
Panic security lock



809NE Handle-operated  
panic security lock



509NE Motorised panic  
security lock



N1940 Passive leaf lock  
security lock



N2500 Panic push bar (gearing + push bar)



N2600 Panic touch bar (gearing + push bar)

## The product components – the locks at a glance



More details about the  
product:  
[www.assaabloyopening-solutions.de/onesystem](http://www.assaabloyopening-solutions.de/onesystem)



319NB/319NE Panic  
security multi-point lock



519NE Motorised panic  
security multi-point lock



819NE Handle-operated  
panic security multi-point lock



N1410 Espagnolette lock  
for passive leaf



N1420 Panic passive  
leaf lock



N1910 Espagnolette lock  
for passive leaf

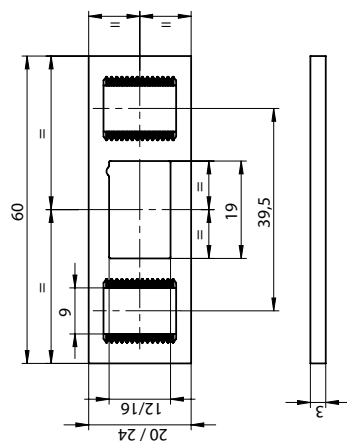


N1920 Panic passive  
leaf lock

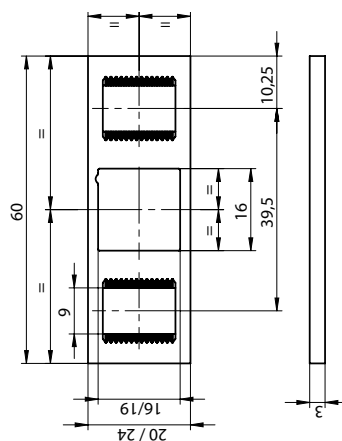


N1940 Passive leaf lock

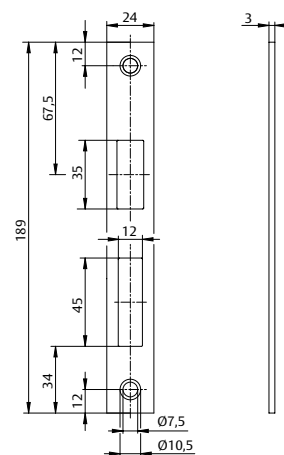
## The product components – the strike plates at a glance



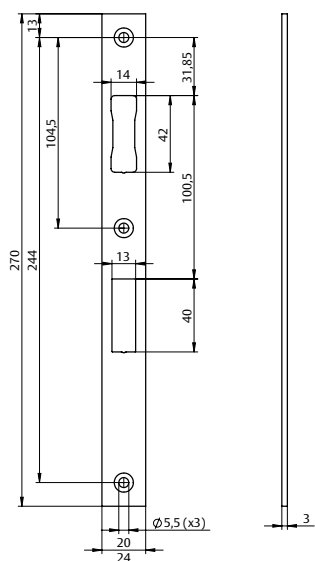
N6900 Strike plate for top lock



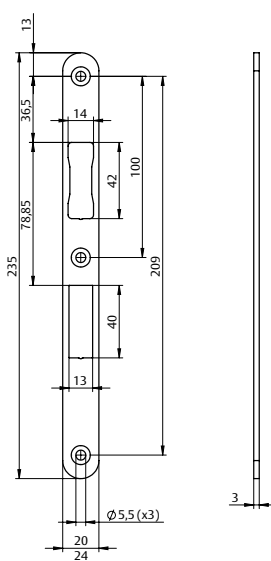
N6901 Strike plate for top flip lock



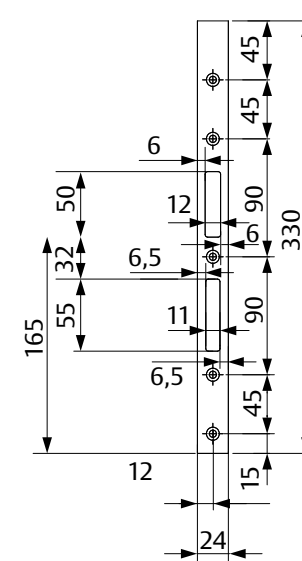
N6981 Strike plate for security top lock



N6500 Flat strike plate



N6001 Wide style strike plate



509ZBS Strike plate for security locks

## The product components – the accessories at a glance



N5100 Top lock



N5130 Bottom rod



N5101 Top rod  
N5111 Top rod for panic locks  
N5121 Top rod for security  
locks



N5120 Security top lock



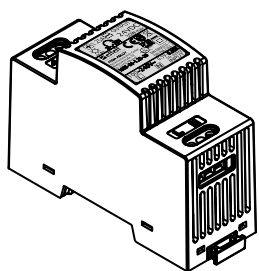
N5150 Bottom rod guide



N5110 Top flip lock



N5140 Floor bush



1003-24 Power supply  
unit



519ZBFS Fire protection  
module



N5955001 Cable



N5952 Lead cover with  
IO module



More details about the product:  
[www.assaabloyopeningsolutions.de/onesystem](http://www.assaabloyopeningsolutions.de/onesystem)

## The OneSystem panic functions: optimised for escape and rescue routes

In an emergency, a functional and quick means of escape can save lives. If dangerous situations occur due to out-of-control crowds of people, smoke or fire, people often panic. In cases like these, locked doors

can quickly become insurmountable obstacles, this is why we have the so-called panic functions for mortise locks, which differ in a variety of features and ensure that people can exit via the escape route at all times.

Panic side



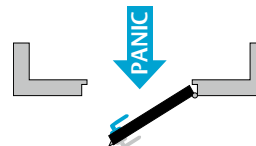
Operated side

### Panic function B/changeover function

With panic function B, the door is fitted with a handle on the outside and a handle or a handle bar/push bar on the panic side. The handle is always engaged and the door is always passable in the direction of escape. The handle on the side against the direction of escape can be permanently engaged or disengaged via the profile cylinder depending on the requirements. This solution is particularly suited for doors that must occasionally grant access from the outside via the handle.

Area of use:

- Administration and office buildings
- Retirement homes and nursing homes
- Side entrance doors
- Nurseries, schools and hotels



Panic side



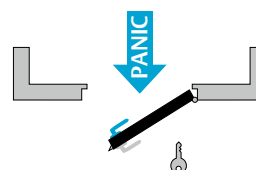
Operated side

### Panic function C/forced locking function

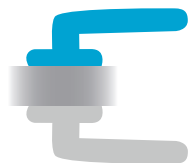
While the handle on the inside or the handle bar/push bar has a traditional panic function and can be actuated at any time, the handle on the outside is disengaged as standard (idle function). The door can only be opened with a key. To engage the outer handle, the key is turned in the opening direction to the stop. When the key is removed, the outer handle returns to idle state. This solution is particularly suited for doors that should only be opened by authorized people with a key.

Area of use:

- Administration and office buildings
- Senior citizens' homes
- Side entrance doors
- Nurseries, schools and hotels



Panic side



Operated side



Panic side



Operated side

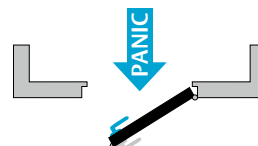


## Panic function D/access function

Panic function D is suitable for escape doors that are not used during day-to-day operations. With a traditional panic actuation from the inside, the door is opened and the outer handle is also engaged. This means that the door is not a hindrance when leaving or entering the building. The fire service does not need to use special measures to enter the building and can use the door as access. The original function can be restored with a key. Coupling takes place mechanically via a two-piece follower.

### Area of use:

- Administration and office buildings
- Senior citizens' homes
- Side entrance doors
- Nurseries, schools and hotels

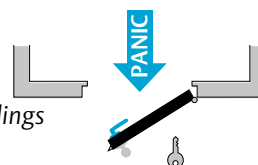


## Panic function E/reversing function

Panic function E is particularly suited for doors in buildings that must grant access to a defined group of people. A knob or door knob is mounted on the outside, i.e. the door can only be opened with a key. On the inside, the door has the traditional panic function via the handle or the handle bar/push bar, which means that the door can be opened in the direction of escape at any time.

### Area of use:

- Boiler rooms
- Lift systems
- Underground car parks and multi-storey car parks
- Warehouses and commercial buildings
- Main entrance doors in blocks of flats and apartment buildings



## Detailed information

### The following standards must be observed

#### Standards for doors in escape routes

Since 1 April 2003 new standards for doors in escape routes have become valid in two application areas.

- Emergency exit locks according to EN 179
- Panic locks according to EN 1125

#### EN 179

##### DIN EN 179 describes emergency exit locks with handle or push plate for doors in escape routes

An emergency exit lock according to EN 179 is a mechanism that is suitable for buildings in which panic will most probably not break out in a dangerous situation. Emergency exit locks should ensure a secure and effective escape through a door by simply and quickly unlocking the escape door lock. Previous knowledge of the function of the lock is necessary to operate it quickly. The lock secures the closed door. It comprises a blocking element (or several blocking elements) that engages in the counter unit of the blocking element in the door frame or floor. The blocking element is released by pressing the door handle or the push plate downward or in the direction of escape.

#### Note!

Emergency exit locks are not suitable as panic locks!

#### Test criteria EN 179:

- No test with side load
- Permanent function test - 200.000 test cycles
- CE mark necessary
- Declaration of conformity by independent test institute (MPA Dortmund)
- Lock, door furniture and strike plate must be tested together

#### Door furniture approved according EN 179

- ASSA ABLOY (IKON door furniture) DO Nr. 20.15.01 and 20.15.02
- ASSA ABLOY DO 22.0-03, DO 22.0
- FSB door furniture DO Nr. 20.03.01 and 20.03.02
- HEWI-Beschläge DO Nr. 20.13.01 and 20.13.02
- HOPPE door furniture DO 20.5, DO 20.7, DO 20.20
- VIELER door furniture DO 20.12

#### EN 1125

##### DIN EN 1125 describes panic door locks in combination with horizontal bars in escape routes.

A panic door lock according to EN 1125 is a mechanism that is suitable for buildings in which panic will probably break out in a dangerous situation. It is intended as a reliable possibility of escape requiring minimum of effort and without previous knowledge of the escape door lock. Even when the door is preloaded (side load), the panic lock must unlock reliably. The lock locks the closed door. It consists of a blocking element (or several blocking elements) that engages in the counter unit of the blocking element in the surrounding door frame. The blocking element is released in the escape direction by the movement of the horizontal operating bar on the inside of the door. It must be possible to activate the release function at every point over the full length of the bar.

#### Note!

Panic locks are also suitable for emergency exits!

#### Test criteria EN 1125:

- Opening force with max. 220 N side load at a pressure of 1000 N on the test door
- Permanent function test 200.000 test cycles
- Vandalism test
- CE mark necessary
- Declaration of conformity by independent test institute (MPA Dortmund)
- Lock, panic bar and strike plate must be tested together

#### Door furniture approved according to EN 1125

- ASSA ABLOY DO 22.0

## How you benefit from our customer services: easy handling in every respect

The main factors in ensuring competitiveness especially in the door industry are:

- Reliable logistics
- Flexible production
- Short delivery periods

ASSA ABLOY's customer service will help the manufacturer to ensure that these aspects are implemented to an optimum extent. Ranging from consultancy services and order placement through to delivery and comprehensive after-sales care, these services aim to provide you with planning reliability for a production process which is as easy, flexible and fast as possible.

The hardware wholesale and fabricators also benefit from our customer service. The clear program structure offers high potential for optimised stock keeping. In addition, comprehensive consultation and support from the planning to the mounting and commissioning, as well as precisely tailored training offers are available.

In addition we offer you an e-learning portal that is continuously supplied with new modules:

**[www.assaabloyopeningsolutions.de/academy](http://www.assaabloyopeningsolutions.de/academy)**

Besides attendance seminars for the product portfolio or for single product ranges you can pass here as well extensive basic seminars and trainings.

Customer service also includes ASSA ABLOY Partner Service in the following areas:

- Packaging
- Customer-specific variants
- Approvals
- Training

**The centrepiece in our customer service:**

**Test the configurator on [www.assaabloyopeningsolutions.de/configurator](http://www.assaabloyopeningsolutions.de/configurator)**

The system configurator provides you with an easily understood, clearly arranged info system, resulting in an uncomplicated order process. You start your enquiry according to the desired requirement, by means of the product name or article number and the system configurator processes this information. Each time that you enter further specific requirements, it provides you with suitable suggestions for a solution, including all relevant product information.

ASSA ABLOY makes it easy to obtain information and place orders in a clearly arranged way.



## Everything fits: components and systems for every door, for the complete building

There is always a crucial question for planners and architects relating to security technology for public and commercial building applications: When you put everything together, does it work as an ensemble? With the numerous different components and systems that can be used in a property, you must be sure that you

can answer 'Yes' to this question and it is confirmed in reality. From the locking system to access control and escape route technology, with ASSA ABLOY, all products, systems and solutions are harmonised so that they work reliably and in concert throughout the entire property.

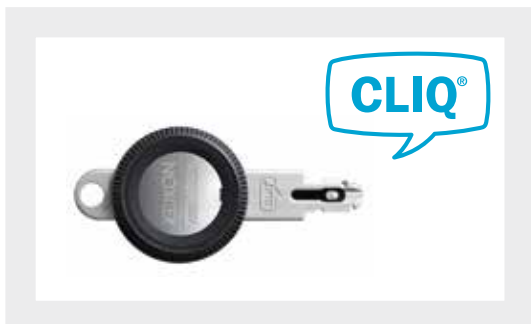
### MEDIATOR®

The multifunctional, self-locking locking solution for internal and external doors with integrated locking notification.



### Electronic master key systems

eCLIQ is the new generation of electronic locking systems. It is based on the proven CLIQ technology used worldwide.



### Mechanical locking systems

The IKON is a comprehensive type program of high-quality locking cylinders covering all areas of application in a building.



### Escape route technology

Modern escape door control systems offer safety and security.



*Only someone who understands the "door" system can offer the right solution for every requirement. Our recommendation: ask your project consultant at ASSA ABLOY!*

Regardless of the types of doors: single or double-leaf doors, internal doors, entrance or facade doors, fire doors, special doors or multifunctional doors, when it comes to products and solutions from ASSA ABLOY: everything fits!

Regardless of which special technologies and equipment are used. Of course, this also pertains to the sophisticated design, high product quality and the good price/performance ratio.



#### Door closer

A comprehensive series of door closers in reduced, consistent design covering nearly all applications.



#### Commercial and public building locks

OneSystem: an innovative program of mechanical locks specially designed for public and commercial building applications.



#### Electric strikes

Whether standard application, fire door or retrofitting: effeff electric strikes offer the right solution.



#### Panic bars

Panic touch bars and panic push bars for use in smoke doors, fire doors and escape doors.

The ASSA ABLOY Group is the global leader  
in access solutions. Every day we help  
people feel safe, secure and experience  
a more open world.

**ASSA ABLOY**  
Opening Solutions

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