

## CR4-CERTIFIED EMERGENCY EXIT DOOR



**MULTI-RESISTANT DOOR TO PROTECT AGAINST FORCED ENTRY, BALLISTIC ATTACKS AND FIRE. COMPLIANT WITH EVACUATION REGULATIONS.**

**MagTek A door:** Resistant to forced entry and bullets

**VulTek+ A door:** Resistant to fire, forced entry and bullets

Security is constantly evolving to keep up with changing risks, technologies and vulnerabilities. This means that security doors with two or more types of physical resistance are becoming increasingly essential. Companies, businesses and highly sensitive sites need multiple layers of protection.

Fire protection is best left to the experts. At Fichet, we have therefore developed a new range of aluminium security doors boasting multiple resistance to fire, forced entry and ballistic attacks, yet still compliant with evacuation regulations.

The **MagTek A** door is resistant to forced entry and ballistic attacks.

The **VulTek+ A** door also features added protection against fire.

Both doors are suitable for installation on escape routes in compliance with EN 13637.

Aluminium as a material is easy to work with, making Fichet doors an ideal solution for combining attractive design with functional requirements.

With a wide choice of options at your disposal in terms of dimensions, finishes and colours, these doors blend seamlessly into your environment and provide a flexible solution for new buildings and renovations alike.

# CR4 FB6 EI30 OPAQUE HIGH-SECURITY DOOR

**MagTek A** and **VulTek+ A** doors are tested on the entire door unit (door, jambs, infills, locks and accessories) in compliance with European standards. The resistance duration of the resistance classes is defined as follows:

**MagTek A and VulTek+ A doors:**

Forced entry resistance in compliance with EN 1627-30: Class CR4

Ballistic resistance in compliance with EN 1522: Class FB6

**VulTek+ A door:**

Additional fire resistance in compliance with EN 1634-1 and EN 13501-2: flame arrestor class E60 (60 mins) and fire door class EI30 (30 mins)

**Doors suitable for use on escape routes in compliance with European standards EN 13637, EN 179 or EN 1125**

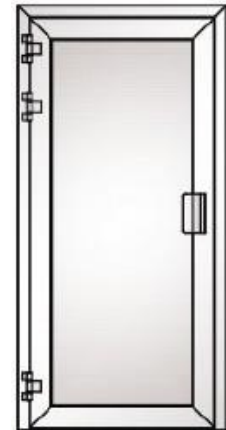
- + Compliant with evacuation regulations
- + Certified resistant to forced entry
- + Certified resistant to ballistic attacks
- + Certified protection against fire (optional) Powder
- + coating co-ordinating with RAL colour chart
- + Custom-made



## DESCRIPTION

### Opaque single-leaf door:

- P80 door, aluminium with steel reinforcement profiles
- Outward opening, DIN left or DIN right
- Steel reinforcement infill
- Lacquered aluminium finish using co-ordinating RAL colour chart on both sides



### Door furniture:

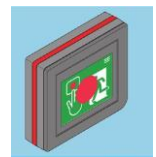
- 1 x effeff 519N electromechanical 3-point lock
- 1 x 331 electric strike integrated with lock (optional, EN 13637)
- 1 x high-security cylinder supplied with 3 keys
- 1 x thermo-constant door closer
- 1 x square pull handle on the outside
- 1 x lever handle (EN 179) or panic bar on the inside (EN 1125)
- Magnetic contacts for door position information
- 1 x 24 V power supply (optional)

### Motorised release:

- Access control (reader or keypad, optional)
- Push button to exit or for access control

### Emergency release:

- Entry: Key (with OneSystem module)
- Exit: Lever handle (EN 179) or panic bar (EN 1125)
- Option to control emergency release with a break glass unit + OneSystem module (optional, EN 13637)



### Fixing and finishing include:

- Screws and fixing wedges adapted to the level of protection
- Silicone and gasket

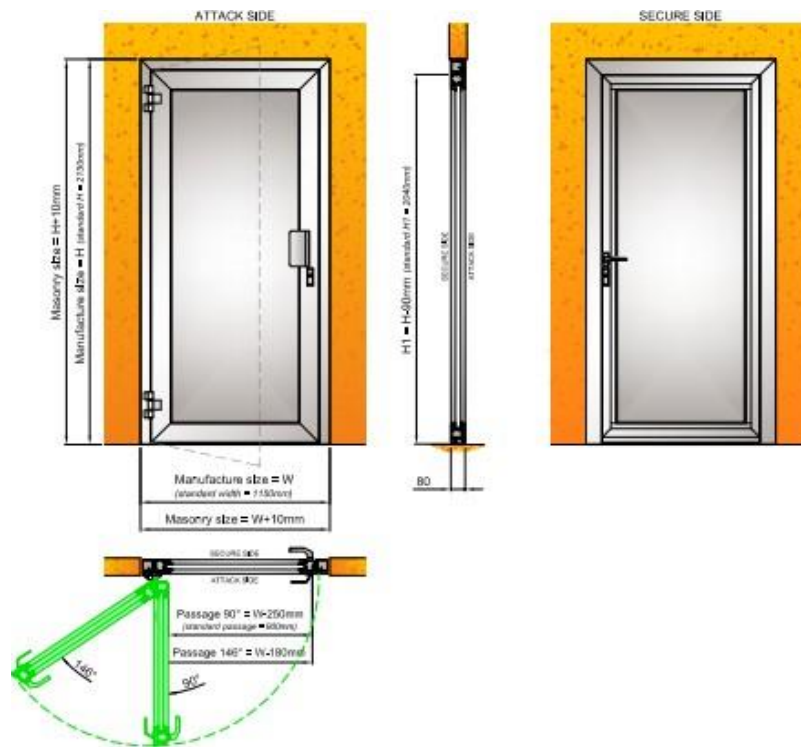
Models	Physical protection			Evacuation	Leaf	Overall dimensions of door (mm)		Aluminium frame	Infill
	Forced entry EN 1627-30	Ballistics EN 1522	Fire EN 13501-2			Width*	Height*		
MagTek A	CR4	FB6	-	Compliant EN 13637 EN 179 EN 1125	Single	850/1400	2065/2600	Thickness 80 mm	Opaque
VulTek+ A	CR4	FB6	El230	Compliant	Single	850/1150**	2065/2590	Thickness 80 mm	Opaque

(\*): Overall dimensions of door: Minimum / Maximum

(\*\*): Door with an overall width of 1150 mm corresponds to a clear width of 900 mm with the door open at 90° (regardless of handle size)

(-): Option not available

## SITE PREPARATION



Doors must be installed on a concrete or solid brick wall with a minimum thickness of 200 mm.

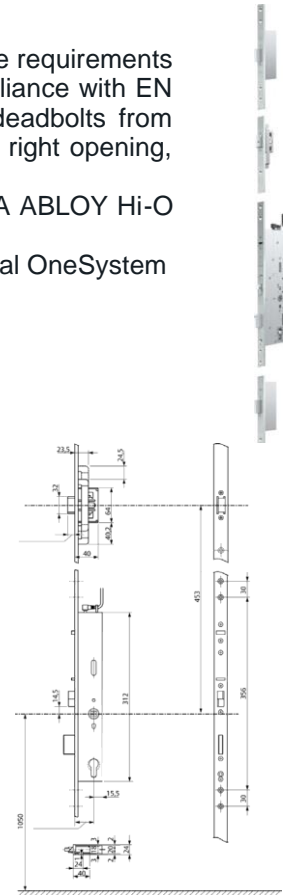
## Motorised multi-point panic security lock

### Description of the product

- The 519N lock is a motorised self-locking panic lock for single-leaf doors. It meets the requirements for forced entry protection, fire protection, emergency exits and panic doors in compliance with EN 179 and EN 1125. A mechanical sequence control system reliably prevents the deadbolts from inadvertently unlocking when the door is open. The lock can be used for DIN left or right opening, thanks to the universal double-action latch and reversible control latch.
- Integrated electronic control module for external triggering or connection to the ASSA ABLOY Hi-O bus system.
- Integrated monitoring functions via contactless sensors for status query via the external OneSystem IO module:
  - Door status via strike plate contact
  - Deadbolt retracted and deadbolt extended
  - Locking cylinder monitoring
  - Handle follower monitoring

### Overview of benefits

- Integrated motorised drive
- Integrated electronic control module for external activation without additional control device; alternatively, additional functions via the external OneSystem IO module
- Hi-O bus technology for connection to the ASSA ABLOY Hi-O bus system
- Integrated monitoring functions via contactless sensors for status query via the external OneSystem IO module
- Door status via strike plate contact, Deadbolt position retracted and extended, Locking cylinder monitoring, Handle follower monitoring
- Three solid, surface-hardened deadbolts with 20 mm throw; transverse shear stress 20,000 N
- 6 mm full strike plate with integrated drive rod for added security
- Optional: integrated latch bolt for panic door strike
- Optional: integrated unlocking pin for double-leaf panic doors



### Technical specifications

Power consumption	50 mA (locked when non-operative)
Deadbolt throw	20 mm
Distance to barrel	40 mm
Handle follower	9 mm
Strike plate material	Chrome-plated steel
Housing dimension	328 x 20 x backset + 15.5 mm (L x W x H)
Strike plate dimensions	1760 x 24 x 6 mm
Certified in compliance with	EN 179 / EN 1125
Distance	92 mm
Strike plate shape	F6 x 24 mm
Counterpart length	1760 mm
Narrow shape	Motorised multi-point security panic lock with latch bolt
Panic function	E
Monitoring	Yes
Top locking	No
Self-locking	Yes

Door system	Single-leaf
Screw type	Multi-point locking
	Yes

### Other information

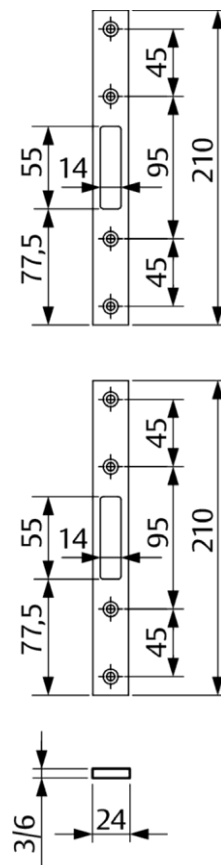
- Information on the length of the strike plate:
- 210 mm at the additional bolt, 330 mm at the lock

### Technical specifications

Length	330 / 210 mm
Thickness	3 mm
Opening direction (DIN)	Right / Left
Material	Chrome-plated

Item number

819ZBS0213SBL00



Accessory

## High-security strike, break open 331U81F ----- F95

### Description of the product

The 331U80 panic door strike is specially designed for locking doors located at emergency exits. Our 331U80 model is an additional interlock that is also suitable for use in fire doors. Thanks to the secure unlocking under pre-load (max. 5,000 N), this model is mainly used in doors with emergency exit requirements. The 331U series is guaranteed to work reliably in interlock systems, on soundproof doors, and on doors where there is a risk of pressure on the strike.

### Overview of benefits

- Robust construction to meet the most stringent requirements

### Included with the delivery

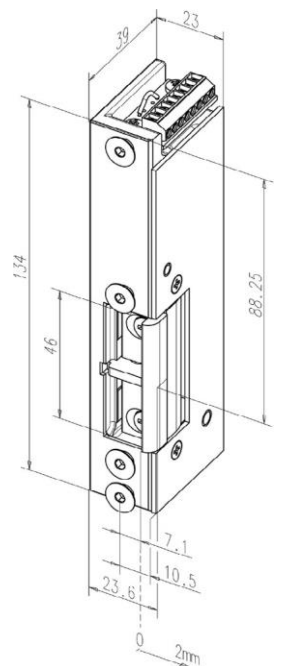
- 1 panic door strike

### Other information

- The emergency exit door strike is mounted as an additional lock on fire doors, without any connection to the main lock. It must not be used as a main lock. The door must retain its fire-resistant function. This strike must be combined with counterpart 807 to be compliant.

### Technical specifications

Opening direction (DIN)	Right
Voltage	24V DC
Door type	Single-leaf door
Adjustable latch bolt (FF, Fafix)	Multi-point locking
Signal contact integrated into latch bolt (RR)	Yes
Continuous power coil eE type with diode (05)	Yes
Fail-unlocked	Yes
Armature monitoring contact	Yes
Operating voltage tolerance range	+2V
Nominal resistance	150 Ohm
DC power consumption (stabilised)	160 mA
Forced entry resistance	5,000 N
Height	134 mm
Width	39 mm
Depth	23 mm
Operating temperature range	-15°C to +40°C
Installation positioning	Vertical and horizontal
Housing material	High-quality cast steel
Latch material	High-quality cast steel
Attachment material	Steel
Max. latch bolt preload DC (stabilised)	5,000 N



## Suitable accessories

Order number	Product
807-10-----00	Model 807-10, adjustable; 110 x 24 mm
807-11-----00	Model 807-11, adjustable; 135 x 20 mm
807-12-----00	Model 807-12, adjustable; 110 x 24 mm; radius forend
807-13-----00	counterpart model 807, radius forend, adjustable - 110 x 20 mm; radius forend
----- A0135-04	Surface-mounted housing model A01, steel; DIN left
----- A0335-01	Product name
----- A0435-01	Stainless steel adhesive plate, Model A04, steel; universal
<b>Item number</b>	331U81F---- F95

## Flat strike plate for fire door ----- 03035-0#

### Description of the product

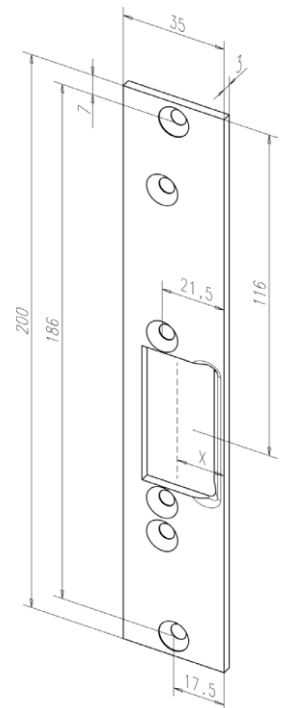
Short flat strike plate with latch bolt opening

### Overview of benefits

- With latch bolt guide
- For emergency exit door strikes in the 331U series as well as 131-series security strikes with fixed latch

### Technical specifications

Length	200 mm
Width	35 mm
Thickness	3 mm
Opening for deadbolt	No
With latch bolt guide	Yes
Colour	35
Colour	Stainless steel



### Variations available

Order number	Description
-----03035-04	200 x 35 x 3 mm, stainless steel, DIN left
-----03035-05	200 x 35 x 3 mm, stainless steel, DIN right

## OneSystem IO module N5950

### Description of the product

- The OneSystem IO module serves as a digital connection to OneSystem locks equipped with Hi-O technology. The OneSystem IO module is therefore able to connect with conventional devices, e.g. access control devices, interlock controls or monitoring controls. It has inputs with potential for external control, potential-free relay outputs

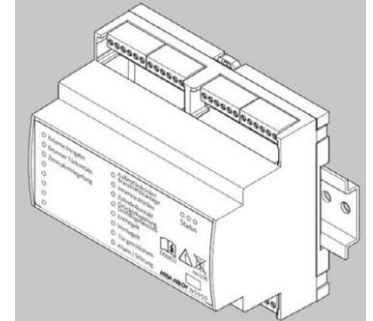


for external control and potential-free relay outputs for querying lock status for higher-level systems.

- Relay outputs: (Outer handle), Inner handle, Cylinder in operation, (Handle coupling active), Unlocked, Locked, Door open/closed, Alarm/fault
- Inputs: (external release), External door contact, (Central locking)

### Technical specifications

Operating voltage	12 V – 24 V ± 15%
Power consumption at 12 V DC	185 mA
Power consumption at 24 V DC	115 mA
Length	90 mm
Depth	65.5 mm
Width	107 mm
<hr/>	
Item number	N59500000000010



### Connecting cable

- Length 10 m
- Connection cable diameter 5.2 mm

### Technical specifications

Operating voltage	12 V – 24 V ± 15%
Power consumption at 12 V DC	185 mA
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Item number	N59500000000010



### Reinforced hinges



Hinge adjustable in 3 directions to adjust the door opening. Reinforced hinge for easier door operation.

### Cable outlet



The door cables are routed at the top on the lock side.

#### Notes:

- Product performance depends on the quality of installation. Please see the Fichet installation manual for details on how to install the door properly.
- Any modification to certified equipment by adding non-factory equipment may affect certification. Please contact Fichet before making any modifications.
- Fire resistance certificates may be required under local regulations and are available on request. Please do not hesitate to contact us to obtain a copy.



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