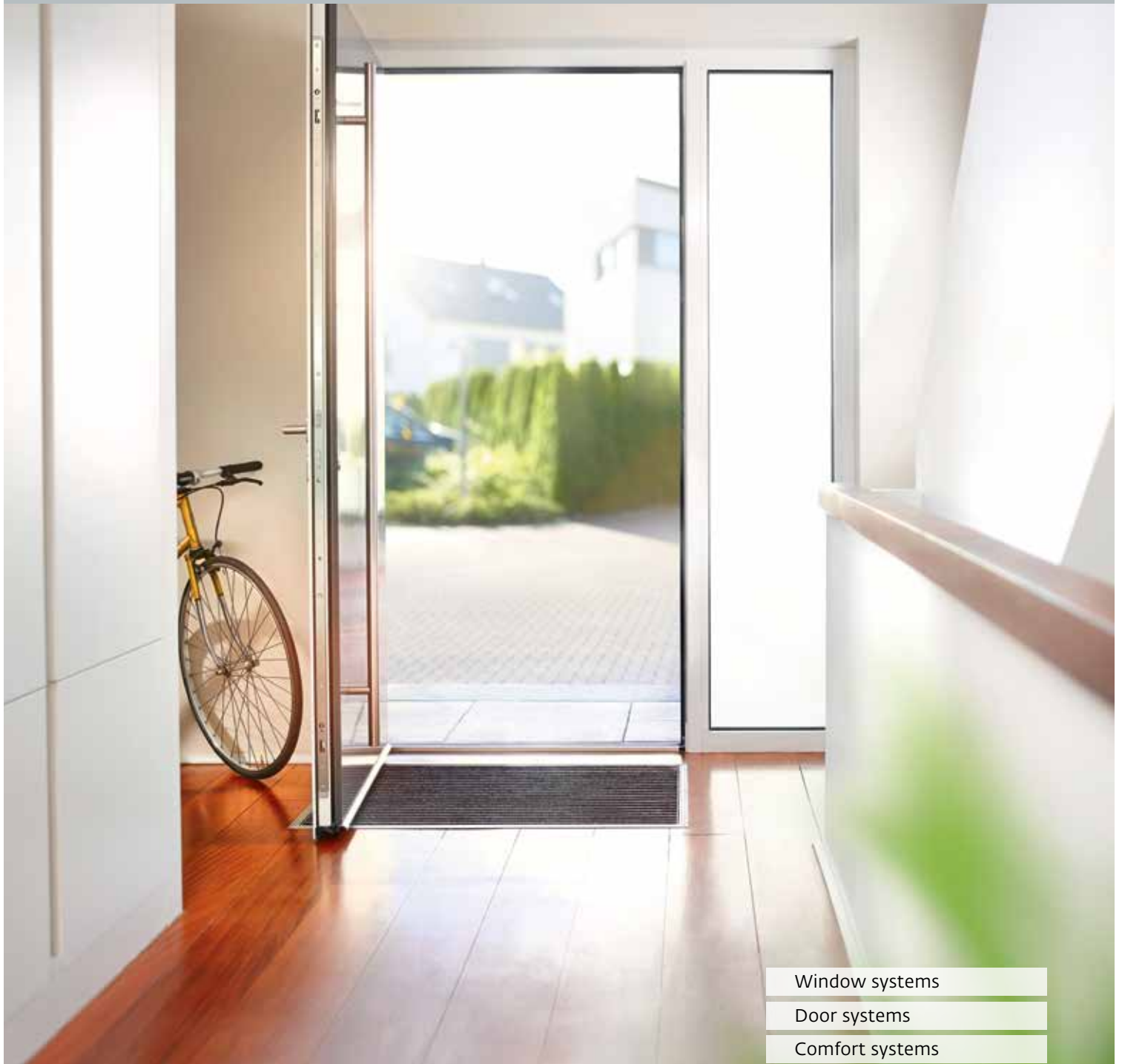


KFV provides an unforgettable
key experience³

KFV door hardware:
more comfort and security
for modern door systems.



Window systems

Door systems

Comfort systems

**Experience
room comfort.**
We bring spaces
to life.





For the room comfort of the future.

Our products and solutions bring spaces to life and give people a sense of well-being. This is our drive and inspiration but also the key to permanent success together with our customers.

Our instinct for the requirements of the market, the developments of the future and for the demands of our customers has made us one of the leading international innovation providers today. We owe this to a staff of more than 2,800 in around 80 countries and to the intensive exchange of ideas with our partners and customers.

More than 100 years of experience.

As a German family enterprise, for four generations now we have been developing future-oriented systems, which make your life easier in your everyday fabricating processes, and providing your customers with the security that comes with creating a home or a modern working environment out of four walls. You can experience this vision of room comfort for yourself in our showroom. Even if we didn't call it "room comfort" before: we have been working on this for over 100 years.

SIEGENIA®
brings spaces to life

**Produce
room comfort.**
Tailor-made to
your requirements.



More solutions from one single source.

With a very diversified product portfolio for modern window systems, door systems and comfort systems, you can obtain everything from one single source with SIEGENIA, to stringently tested quality and with a wide range of innovations. With our KFV door hardware, your solution diversity ranges from the complete spectrum of modern multi-point locks to intelligent access control systems.

More flexibility and cost-effectiveness.

KFV door hardware sets new standards, even during the production phase. Due to the unique modular system with uniform routing templates, the high degree of preassembly and the freely combinable product families. This allows the flexible and efficient configuration of a large range of variants while the low number of components ensures lean warehousing.

Customised services.

It is often minor details that make such a decisive difference in practice. With SIEGENIA, you have a partner, who pays attention to every detail and who is aware of your everyday requirements better than anyone else. For this reason, we have pooled our product systems together perfectly with our complete know-how for you: in service packages that provide precise advice, information or on-site support. Whether this is for your production, training your staff, your marketing or your assembly line: we are there for you!



Developing new markets.

KFV door hardware opens totally new possibilities to develop future markets. With innovative Plug & Play solutions, the fabrication-optimised modular system offers every freedom, meaning that room comfort of the future will begin at the door.



Plan room comfort. You can build on this.



More planning quality with room comfort.

Our high-quality hardware, ventilation and building technology not only provides the building blocks for modern living and room concepts, but also well-coordinated systems. Because only when all room functions work together as one system can a room truly become a living space.

With SIEGENIA you have the freedom to create the comfort that brings spaces to life: room comfort.

Extensive support.

We want to support you with qualified consultation and services. Our team of property advisors and application technicians as well as the corresponding data technology and software are at your disposal for this purpose.



architekten.siegenia.com

KFV door hardware

Overview

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KFV multi-point locks

Simply multiple benefits: more productivity for you, more variety for your customers.

Uniform routing templates and lean warehousing.

Our perfectly coordinated complete range of multi-point locks provides you with a tailor-made and highly efficient solution for every situation. Our multi-point locks are intelligent modular systems that make your work from fabrication to installation considerably easier. Uniform routing templates for different types of lock and freely combinable product families make prefabrication more efficient, make service faster and reduce warehousing.

Tailor-made efficiency.

Uniform routing templates for different types of locks and freely combinable product families.



The new generation of key-operated multi-point locks: the KFV ONE modular system.

With our KFV ONE modular system, the proven KFV system benefits have been subjected to consistent further development and the boundaries of modularity have been completely newly defined. Therefore, fabricators are able to configure a versatile variant spectrum, distinguished by the maximum reduction of essential components, lean warehousing and easy ordering. Simple assembly processes are maintained by the uniform milling and screwing positions which allow cross-series use.

KFV multi-point locks

High-quality key-operated or lever-operated solutions for every situation.

KFV multi-point locks are perfectly coordinated locking systems, which fulfil maximum security and comfort requirements. To achieve this, massive steel round bolts, clawing hook bolts or a combination of both locking types or comfort mushroom cams are employed in the auxiliary lock case. You can have the optimum solution for every situation due to the fully compatible product programme and the uniform routing templates.

BS 2100 / AS 4100
Multi-point lock with four self-adjusting comfort mushroom cams with continuous height adjustment.



Planning and production

Lock type	Locking part with 4 comfort mushroom cams
Door height can be extended	up to 3,000 mm
Product certification	DIN, SKG, QM 342 in preparation, Seal of approval K-BURGLAR RESISTANCE
Intended for resistance class in accordance with EN 1627–1630	up to RC1
Classification according to prEN 15685:2019	BS 2100: 3S500C4010
Latch changeover (DIN RH/LH adjustable)	⊙
Locking rail with adjustment option +/- 2.5 mm	—
Individual striker plates with adjustment option +/- 2.5 mm	—
Secondary sash lock bolt for double sash entrance doors	⊙

Options for greater room comfort

Soft lock latch	—
Safety lock	—
Day latch	⊙
Bolt switch contact control system	—
Concealed axxent door hinge	⊙

BS 2300 / AS 4340

Multi-point lock with two steel round bolts.

**BS 2500 / AS 4540**

With two hook bolts locking from bottom to top.

**BS 2600 / AS 4640**

The combination of two steel round bolts and two hook bolts for maximum security.



Locking part with 2 round bolts	Locking part with 2 hook bolts	Locking part with round bolt - hook bolt combination
up to 3,000 mm	up to 3,000 mm	up to 3,000 mm
QM 342, DIN, RAL, CE, SKG, seal of approval K-BURGLAR RESISTANCE	QM 342 (BS 2500), DIN, RAL, CE, SKG (AS 4540), seal of approval K-BURGLAR RESISTANCE	QM 342 (BS 2600), DIN, RAL, CE, SKG (AS 4640), seal of approval K-BURGLAR RESISTANCE
up to RC2	up to RC3*	up to RC3*
BS 2300: 3S500C4010	BS 2500: 3S500C4410	BS 2600: 3S500C4410
⊙	⊙	⊙
⊙	⊙	⊙
⊙	⊙	⊙
⊙	⊙	⊙

⊙ for BS 2300	⊙ for BS 2500	⊙ for BS 2600
⊙ for BS 2300	⊙ for BS 2500	⊙ for BS 2600
⊙	⊙	⊙
—	⊙	⊙
⊙	⊙	⊙

* up to RC4 possible for AS2608 / BS2604

* up to RC4 possible for AS2608 / BS2604

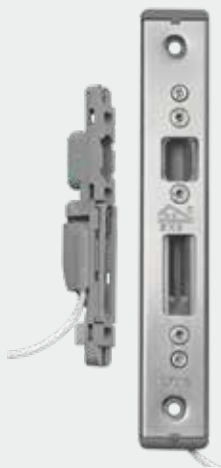
Accessories for KfV multi-point locks

For individual security and comfort requirements.

Bolt switch contact

Integrate VdS tested entrance doors into alarm systems.

With the bolt switch contact, entrance doors can be connected to an alarm or monitoring unit to control the opening or locked status of the door. The system is invisible from the outside, certified in accordance with VdS Class C and wear-free because of its contactless operation.



Fabrication benefits

- Quick and easy installation in the locking rail or striker plate
- Replaces the Q adjustment, whereby the adjustment range is retained
- Can be connected individually, in series or parallel
- For all KfV multi-point locks with hook bolt
- Also suitable for escape doors
- Easily adjusted at any time

Extension piece

For the extension of key-operated multi-point locks.

The extension piece is suitable for high entrance doors and available in four different versions: for KfV multi-point locks with round bolts, hook bolts, round bolt - hook bolt combinations or comfort mushroom cams.



Fabrication benefits

- For the extension of key-operated multi-point locks BS 2300, BS 2500 and BS 2600
- Length: 500 mm
- The extension set includes: connecting drive rod for mounting in the auxiliary lock case

Soft lock latch

For whisper-quiet closing comfort without maintenance expenditure.

Manual closing comfort is not only a question of ease of operation, but also of acoustics. Due to its abrasion-resistant PVC coating, the soft lock latch reduces the closing noise to a quiet clicking. Any maintenance expenditure is omitted because it needn't be greased.



Fabrication benefits

- The latch can be easily replaced without having to open the gear box
- Can be used DIN RH or DIN LH
- Maintenance-free since the latch does not need to be greased

Swing door roller latch

The comfortable solution for highly frequented doors.

Use of the swing door roller latch means that highly frequented doors can be conveniently opened from the outside by pressing the finger plate. It is therefore ideally suitable for shop entrance doors and for main entrances of public buildings.



Fabrication benefits

- Compensation of airgap tolerances due to adjustment screw in the swing door roller latch with large 5-mm adjustment range
- AS variants available preassembled from factory
- Retrofittable for BS variants

Safety lock

Additional protection when opening the door due to the door arrester.

The opening width of the door can be restricted to a secured gap at any time with the safety lock. The locking lever, integrated in the rebate, can be easily activated with a swivel knob. Depending on the version, unlocking from the outside using the main lock is possible for authorised persons at any time.



Fabrication benefits

- Can be used DIN RH and DIN LH
- The swivel knob position is adapted to the backset
- Subsequent installation is possible on all AS/BS 2300, 2500 and 2600 multi-point locks with hole group "T0"
- Available preassembled for multi-point lock AS 2750
- Sprung index pin with 12.5 mm deadbolt to compensate for airgap tolerances

Additional deadbolt lock

Upgrade your security.

The additional bolt can be operated separately from the inside or from the outside using a key and is prepared for profile cylinders.



Fabrication benefits

- Prepared for profile cylinder
- 15 mm bolt projection
- Available backset dimensions: 35, 40, 45, 50, 55 or 65 mm backset
- Subsequent installation is possible on all AS/BS 2300, 2500 and 2600 multi-point locks with hole group "T0"

Automatic KfV multi-point locks

Automatic closing and locking for keyless ease of use and permanent security.

With automatic KfV multi-point locks, doors can be closed or securely locked merely by drawing the door closed. There are different versions for the individual requirements and purposes. With its triple self-locking system, the AS 2750 multi-point lock provides long-term protection against door warping and against unauthorised entry attempts, even when unlocked, by pushing the main lock latch back. The auxiliary lock case can also be locked without a key and automatically: magnetically in case of the AS 3500 multi-point lock and mechanically triggered in case of the multi-point lock AS 3600 or AS 3600 C.

AS 2750

With triple self-closing function via the main lock and auxiliary lock latches.



Planning and production

Lock type	3-latch locking part with 2 hook bolts
Door height can be extended	up to 2,400 mm
Product certification	VdS, QM 342, SKG
Intended for resistance class in accordance with EN 1627–1630	up to RC3
Classification according to DIN 18251-3:2002	3
Classification according to prEN 15685:2019	—
Latch changeover (DIN RH/LH adjustable)	⊙
Locking rail with adjustment option ± 2.5 mm	⊙
Individual striker plates with adjustment option ± 2.5 mm	⊙
Secondary sash lock bolt for double sash entrance doors	⊙

Options for greater room comfort

Soft lock latch	⊙
Safety lock	⊙
Daytime release	—
Day latch	⊙
Bolt switch contact control system	⊙
Access control systems	—
Concealed adjacent door hinge	⊙

AS 3500

With contactless magnet technology and flush appearance.



Automatic magnetic locking system with 2 hook bolts

up to 2,400 mm

—

up to RC3

—

3S500F3060

⊙

⊙

⊙

⊙

AS 3600

With mechanically triggered four-fold locking part.



Automatic multi-point locking system with 2 triggering falling bolts and 2 hook bolts

up to 2,400 mm

VdS, QM 342, SKG

up to RC3

—

3S500F3030

⊙

⊙

⊙

⊙

AS 3600 C

Specifically produced with apartment buildings in mind



Automatic multi-point locking system with 2 triggering falling bolts and 2 hook bolts

up to 2,400 mm

VdS, QM 342, SKG

up to RC3

—

3S500F3030

⊙

⊙

⊙

⊙

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With A-opener

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With A-opener

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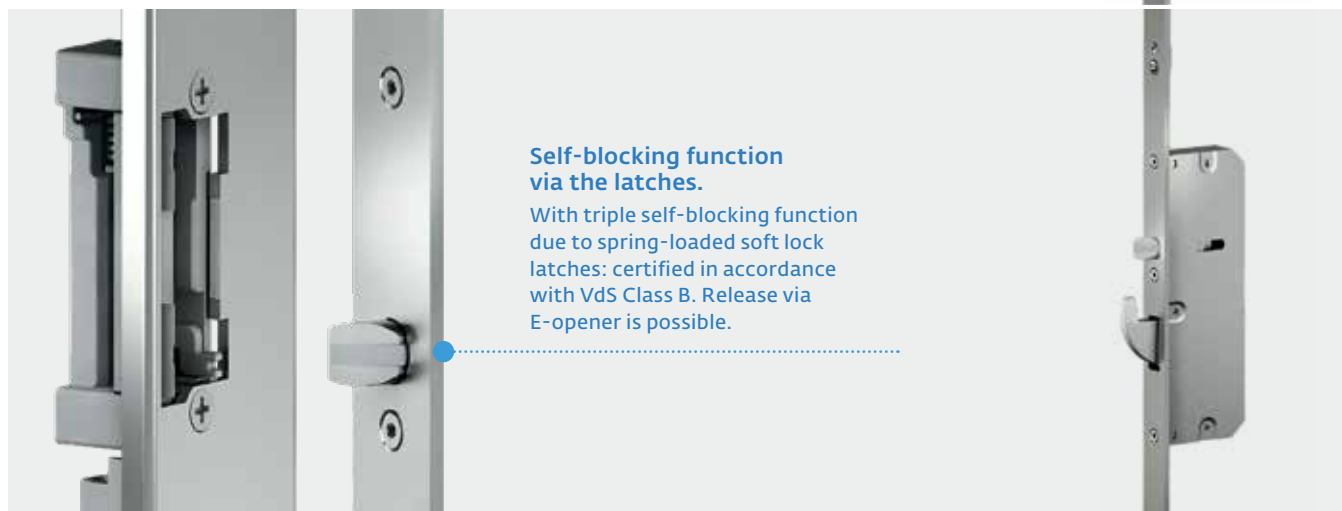
AS 2750

With triple self-closing function via the main lock and auxiliary lock latches.

The AS 2750 three-latch lock is equipped with the main lock latch as well as two sprung soft lock latches in order to fix the door sash three times in the frame by just closing it. This gives long-term protection against door warping and against unauthorised entry attempts, even when unlocked, by pushing the main lock latch back. After locking with the key, the hook bolt-latch combinations ensure burglar resistance up to RC3. The powerful but smooth-running gear ensures excellent sealing, thermal protection and sound insulation even in case of strong pressure or suction load.

Fabrication benefits

- DIN direction can be adjusted, smooth switch-over process
- Standard locking rail can be used
- Release of the door in combination with three E-openers is possible
- Optionally with preassembled safety lock T2
- Suitable for apartment doors, residential front doors and the commercial sector



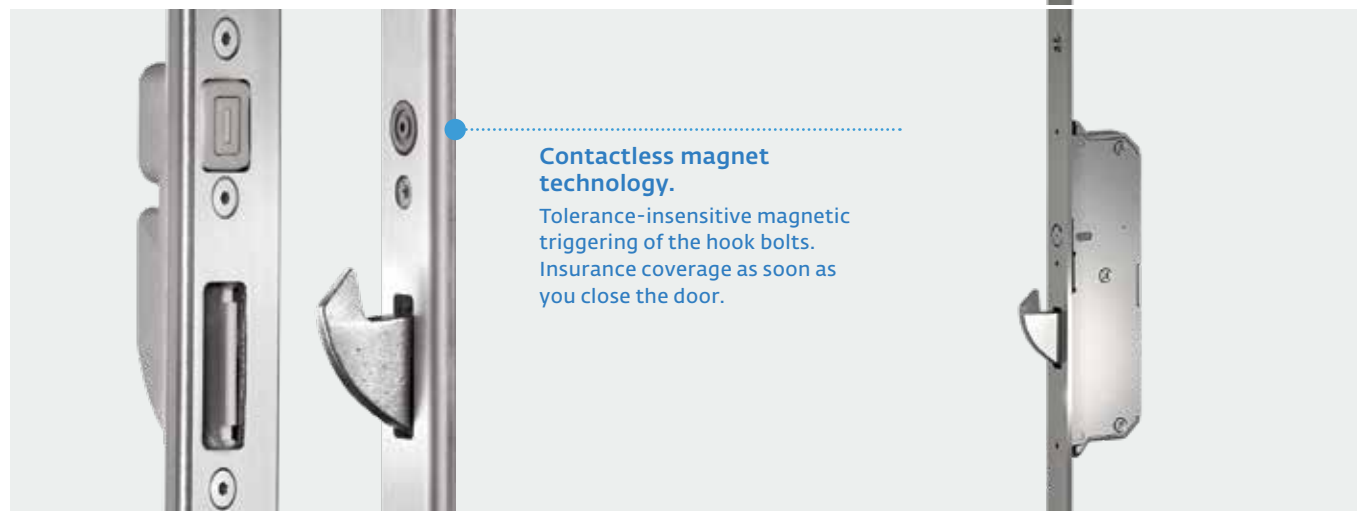
AS 3500

With contactless magnet technology and flush appearance.

The AS 3500 automatic multi-point locking system triggers without contact. Without latches impacting in the auxiliary lock cases, it is pleasantly quiet and ensures a flush appearance when the door is open. The sturdy hook bolts, recessed in the secondary sash, are only activated by a magnetic trigger when the door is closed, compensating the airgap tolerances independently. As the back pressure secured hook bolts lock upwards, they also function with a sagging door. Burglar resistance up to RC3 can be achieved following locking via the main lock.

Fabrication benefits

- DIN direction can be adjusted, smooth switch-over process
- Magnetic trigger in the standard frame parts can be clipped in with Q adjustment
- A-opener 2.2 motor can be retrofitted for operation via access control systems, intercom system or SIEGENIA Comfort App
- Safety lock T3 retrofittable
- Optionally with preassembled safety lock T4: unlocking from the outside using the main lock is possible
- Daytime release TA can be retrofitted in profiles with eurogroove: without re-milling instead of the safety lock



AS 3600

Four-fold locking part with mechanical trigger.

The AS 3600 automatic multi-point locking system locks four times via two soft lock falling bolts and two sturdy hook bolts. A mechanical trigger is integrated in the falling bolt, which activates the four locking elements in the auxiliary lock cases upon contact with the frame part. These can be retracted again via the lever handle or key, and then tensioned and locked in place for the next triggering. Burglar resistance up to RC3 can be achieved following locking via the main lock.

Fabrication benefits

- DIN direction can be adjusted, smooth switch-over process
- A-opener 2.2 motor can be retrofitted for operation via access control systems, intercom system or SIEGENIA Comfort App
- Safety lock T3 retrofittable
- Optionally with preassembled safety lock T4
- Unlocking from the outside using the main lock is possible at any time
- Optionally with daytime release integrated in the main deadbolt: already preassembled or can be retrofitted by changing the main lock



Mechanical trigger in the falling bolt.

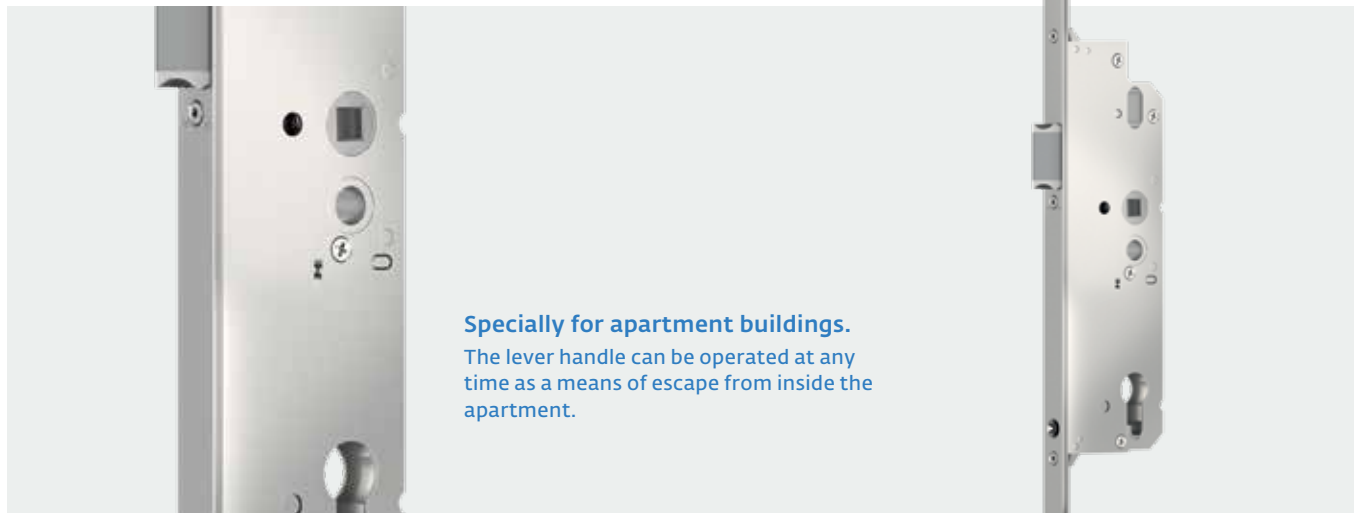
Tolerance-insensitive magnetic triggering of the hook bolts and soft lock falling bolt. Insurance coverage as soon as you close the door.



AS 3600 C

Secure and comfortable solution for apartment buildings.

The new AS 3600 C automatic multi-point locking system for apartment buildings allows you to leave the apartment quickly and safely without a key at any time – e. g. in case of fire. Because the omission of a main lock bolt means that the door lever can no longer be blocked. Automatic locking via two soft lock falling bolts and two massive hook bolts is triggered mechanically.



Fabrication benefits

- The same standard milling dimensions as AS 3600 and AS 3500
- No special frame parts required
- All lock cases are screwed
- A-opener 2.2 motor can be retrofitted for operation via access control systems, intercom system or SIEGENIA Comfort App



Accessories for automatic locking parts.

For individual security and comfort requirements.

AS 3500

AS 3600



- ❶ Daytime release for AS 3500
- ❷ Daytime release for AS 3600
- ❸ Safety lock T3
- ❹ Electrical A-opener 2.2 motor

Daytime release

Easy temporary deactivation of the automatic function.

The automatic function can thereby be quickly deactivated via a small blocking lever. In combination with the KfV day latch or the E-opener in the frame part, you can leave the house temporarily without a key as it is easy to simply "push open" the door. While it is seated above the main lock in the multi-point lock AS 3500, it is integrated in the main deadbolt in the AS 3600.



Fabrication benefits

- For the AS 3500 and AS 3600
- With the AS 3500, can be easily retrofitted with profiles with eurogroove: without re-milling instead of the safety lock
- Integrated in the main deadbolt with the AS 3600: already preassembled or can be retrofitted by changing the main lock
- Use with the KfV day latch or the E-opener in the frame part

Safety lock T3/T4

Additional protection when opening the door due to blocking clip.

The opening width of the door can be restricted to a secured gap at any time with the safety lock. The rebate-integrated safety lock can be easily activated with a swivel knob. Unlocking from the outside using the main lock is possible for authorised persons at any time with the door arrester T4, preassembled in the factory.



Fabrication benefits

- Can be used DIN RH or DIN LH
- The swivel knob position is adapted to the backset
- Sprung index pin with 12.5 mm deadbolt to compensate for airgap tolerances

A-opener 2.2 motor

The simple and flexible retrofit solution for AS 3500, AS 3600 or AS 3600 C.

With the A-opener, the AS 3500, AS 3600 and AS 3600 C automatic multi-point locking systems can be retrofitted to an electromechanical version without any problems in order to be able to release the door electromechanically as well. The combination with separable power supplies such as tappet contacts is now also possible in the 2.2 version. This gives the door a discreet, appealing appearance and makes connection and installation extremely easy. Moreover, the A-opener can be optimally combined with the digital SIEGENIA access control systems or with access control systems from other producers. Even the connection to existing third-party systems is possible thanks to the innovative IO modules. The IO module in the smart variant enables the integration of third party systems into the smart SIEGENIA world even without their own WIFI function. This also applies to the integration of access control systems from third parties.



Can be combined with the digital SIEGENIA access control systems.



Fabrication benefits

- For AS 3500, AS 3600 and AS 3600 C
- Compatible with cable transfers and accessories from the GENIUS range
- The same, compact dimensions as with the GENIUS motor
- Easy installation
- Connection to existing third-party systems is possible
- Can be combined with the digital SIEGENIA access control systems: fingerprint scanner, keypad, transponder and with access control systems from other producers

AS 2600 GENIUS

Multi-point lock for electromechanical locking and unlocking.

GENIUS combines the security of a mechanical multi-point lock with the comfort of state-of-the-art electronics. The version 2.2 is equipped with integrated control electronics and a powerful gear motor. This quickly and quietly locks and unlocks both the round bolt-hook bolt combination in the auxiliary lock case and the main lock bolt and also ensures maximum sealing.

Depending on the version, the GENIUS can be combined optimally with access control systems and many other applications. Even connection to existing third-party systems is possible thanks to the innovative IO modules. This offers you unlimited options in private and commercial property. In combination with motorised door drives, the GENIUS can open and close doors completely: for barrier-free living, for example.

Planning and production

Lock type	Electromechanical locking part with round bolt-hook bolt combination
Door height can be extended	up to 3,000 mm
Product certification	VdS, QM 342, SKG
Intended for resistance class in accordance with EN 1627–1630*	up to RC 3
Classification according to DIN 18251-3:2002	3
Latch changeover (DIN RH/LH adjustable)	⊙
Locking rail with adjustment option +/- 2.5 mm	⊙
Individual striker plates with adjustment option +/- 2.5 mm	⊙
Secondary sash lock bolt for double sash entrance doors	⊙

Options for greater room comfort

Soft lock latch	⊙
Day latch	⊙
Bolt switch contact control system	⊙
Access control systems	⊙
Concealed axxent door hinge	⊙

* For the GENIUS with comfort function (CA or CB), the hardware must be protected from manipulation from the outside

Fabrication benefits

- The same size variants and identical frame parts as in KfV standard multi-point locks
- Only one additional milling groove for the GENIUS motor
- Identical milling dimensions of main lock and secondary lock
- Low installation width of only 16 mm and installation depth from 52.5 mm
- Ultra-easy ordering, installation and commissioning due to optional plug & play solutions
- Menu navigation and status messaging in installed state by colour LEDs and/or SIEGENIA Comfort App
- With SI-BUS interface for simple, space-saving direct installation without separate control unit and power supply
- Connection to existing third-party systems is possible
- Can be combined with the digital SIEGENIA access control systems: fingerprint scanner, keypad, transponder and with access control systems from other producers



GENIUS uses electromechanical functions to open and close the door. Control is also possible via the digital SIEGENIA access control systems.



The GENIUS variants

GENIUS EA

With integrated control electronics and electronically controlled gear motor. Can be combined with the digital SIEGENIA access control system and with systems from other producers.

GENIUS EB

Compared with GENIUS EA, this system can also be combined with external systems such as clock timers, motorised door drives, or alarm systems.

GENIUS CA/CB

Compared with GENIUS EA/EB, it is additionally equipped with the fast-opening "Comfort" mechanism, for quick mechanical unlocking from the inside using the lever handle.



Access control systems

More control and comfort due to intelligent doors.

Access control systems

Innovative ease of use with future-proof SI-BUS technology.

Our digital access control systems combine clever comfort functions with an elegant appearance and the easiest fabrication. Due to the SI-BUS interface, all three systems can communicate directly with the drive without an additional control unit. This digitalisation facilitates the integration in smart living concepts or for future system extensions.

This leaves all options open. Further networking can either be corded via the SI BUS or cordless via WIFI. The complete SI-BUS is secured with a 128 Bit AES encryption.



Fingerprint scanner

Area sensor with touch ID: simply place your finger on the surface.



Keypad

Equipped with a single-use and holiday PIN function.



Transponder

Supports RFID cards.

Benefits

- With WIFI and Bluetooth chip as standard
- Control via the SIEGENIA Comfort App is possible
- Online remote access, timer and user administration
- 128 Bit AES encryption and access log
- Administration of up to 200 users or 800 features
- One-time users and interval users
- Optional keyless function
- Connection to existing third-party systems is possible



The colour-adjustable LED lighting enables individual tone-to-tone adaptation to the entrance door. The brightness can be controlled manually or automatically via the light sensor.



Access control systems and motor function

Clever Plug & Play solutions for easy ordering and quick commissioning.

Plug & Play solutions

Simply the most efficient solution for entrance doors with modern electromechanical function and access control.

Due to our predefined and preassembled plug & play sets, you can order all required components from the motor to the cable transfer in one carefree package and you will no longer need an electrician for the installation. The engaging plug connections are protected against polarity reversal and the solutions are easily upgradeable by means of modular extension kits, for example, with an IO module.



1 Multi-point lock with motor function

AS 2600 GENIUS 2.2
AS 3500 or AS 3600
with A-opener 2.2 motor

2 Access control system

Fingerprint scanner
Keypad
Transponder

3 Power supply

4 Cable transfer



AS 2600 GENIUS 2.2

Quiet and rapid locking and release.

GENIUS makes the electromechanical locking and unlocking of all main and auxiliary lock elements particularly quick and quiet. To achieve this, the system is equipped with integrated control electronics and a powerful gear motor. GENIUS can be optimally combined with access control systems or further applications and offers you unlimited options in modern private and commercial property.

**A-opener 2.2 motor**

The simple and flexible retrofit solution for AS 3500 / 3600 / 3600 C.

With the A-opener, the AS 3500, AS 3600 and AS 3600 C automatic multi-point locking systems can be retrofitted to an electromechanical version without any problems in order to be able to release the door automatically. The combination with separable power supplies such as tappet contacts is now also possible in the 2.2 version.

**Frame-integrated power supply and cable transfer**

Concealed and integrated in the door.

The power supply can already be fully installed during production. The power supply is via 230-Volt connection. The cable transfer can be integrated concealed in the door rebate and reduces the installation and maintenance expenditure by means of simple plug connection. For safety reasons, it is only accessible when the door is open.



Multi-point service locks

A quick solution for defective front doors independent of manufacturer.

The multi-point service lock is the ideal solution to quickly repair and maintain front doors for homes and apartments. As a producer-independent system, it can cost-effectively replace a variety of key-operated and lever-operated multi-point locks. The multi-point service lock is available with comfort mushroom cam, H-bar, round bolt, hook bolt or round-bolt - hook-bolt combination. This is not offered currently by any other solution. Its strength is also verified in burglar resistance. This is proven by the successful test as a burglar resistant retrofit product in accordance with DIN 18104 – Part 2.

Fabrication benefits

- Producer-independent system for all conventional door heights from 1,625–2,400 mm
- Special flat coupling point in profile with U-faceplate with SIEGENIA TITAN AF fine interlocking reduces milling
- As a rule, the faceplate is made of stainless steel for a high-quality appearance without corrosion on any cut edges
- Freely selectable handle positions
- Secondary sash set can be combined with key-operated or lever-operated main lock sets
- Main lock set is available separately with different backsets, resulting in reduced warehousing
- DIN direction can be adjusted on site, smooth latch lever operation
- Reduction bush of 10 to 8 mm spindle square included in the main lock set as standard

Secondary sash set

The secondary sash set includes a top, centre and bottom part for variants with an auxiliary lock case. In this case, a selection can be made between H-bolt, round bolt, hook bolt or a round bolt-hook bolt combination. A variant with a comfort mushroom cam is also available. Coupling with the centre part is accomplished with the especially flat coupling point with fine interlocking.



Main lock set

The key-operated and lever-operated main lock sets are available in many backsets. The key-operated versions are equipped with maintenance-free soft lock latches.



Possible with all lock types

The multi-point service lock is available with comfort mushroom cam, H-bar, round bolt, hook bolt or round-bolt - hook-bolt combinations and for all conventional door heights.





Locks

Solid solutions for all materials.

For all requirements.

We offer a large range of mortise locks, latch and deadbolt locks and special locks for residential and commercial buildings. You are sure to find the right lock here: for interior doors in homes or public buildings, for initial equipment or for subsequent installation.

In all lock classes.

Besides special dimensional specifications, DIN 18251 Part 1 also lays down quality demands for locks, by definition of different classes with regard to the intended purpose. Whatever class of lock you need: with KfV, you will find what you are looking for.

Class 1: for doors that are opened only occasionally and with care: for example, storeroom doors.

Class 2: for doors that are opened regularly and with care: for example, office doors.

Class 3: for doors that are opened frequently and with great force: for example, doors in public buildings.

Class 4: for doors that are opened very often and in part roughly: for example, doors with increased burglar resistance and doors in public buildings.



Almost too beautiful to close.

With the magnetic lock, the latch lies flush in alignment with the gear box when the door is open. It is pulled into the frame part by neodymium magnet technology only when the door is closed. In addition to achieving the highest design standards, this also improves the locking action.

Mortise locks and magnetic locks for timber doors.

Mortise door locks

More options for all requirements.

With our great spectrum of high-quality mortise locks in accordance with EN 12209, you will always have a solution on hand, which is perfectly matched to the respective frequency of use and security requirements - from doors in private homes to doors in public buildings. Of course, KfV mortise locks are also available for rebated doors or flush doors that close using skeleton keys, bathroom knobs or cylinders. They are suitable for initial equipment as well as for uncomplicated retrofitting.

Fabrication benefits

- Certified mortise locks in accordance with EN 12209 or residential, commercial and official buildings
- Durable technology thanks to consistently high quality
- Comprehensive product range with diverse customised solutions
- Individual door design due to different faceplate finishes

Magnetic locks

Streamlined appearance with whisper-quiet locking comfort.

The magnetic latch is mounted flush in the gear box in our innovative magnetic locks. The latch only extends into the frame part and is secured in place by magnetic force when the door is fully closed. In this way it does not hit against the door frame and ensures whisper-quiet and enhanced locking comfort as well as perfect design. The durable system is maintenance-free and remarkably wear-resistant.

Mortise door locks	104-1/2-BB	114-1/2-PZW
	Mortise lock for interior doors in accordance with DIN 18251-1 Class 1	Mortise lock for doors in accordance with DIN 18251-1 Class 2
Door profile	Timber	Timber
Interior / room doors	⊙	⊙
Entrance doors and side entrance doors		
Special features		



Mortise door locks
up to class 4



Magnetic lock 111
for rebated room doors



Magnetic lock 116
for flush-closing doors



113-1/2-PZW

Mortise lock for doors
in accordance with DIN
18251-1 Class 3

1133-1/2-PZW

Mortise lock for doors
in accordance with DIN
18251-1 Class 3

63-1/2-PZW

Mortise lock for doors
in accordance with DIN
18251-1 Class 4

111/116

Magnetic mortise lock for
interior doors

Timber	Timber	Timber	Timber
⊙	⊙	⊙	⊙
⊙	⊙	⊙	
	Particularly suitable for use in public buildings	Particularly suitable for use in public buildings; enhanced burglar resistance	Flush design when door is open, quiet and wear-free, stainless steel, matt brushed

Latch and deadbolt locks for PVC and metal doors.

Our extensive selection of high-quality latch and deadbolt locks in accordance with EN 12209 opens up versatile solutions for numerous profile situations. KfV latch and deadbolt locks are available with single turn or double turn, with different deadbolt projections, various backsets as well as different faceplate variants and surface finishes. They are suitable for initial equipment as well as for uncomplicated retro-fitting.

Fabrication benefits

- Certified mortise locks in accordance with EN 12209 or residential, commercial and official buildings
- Durable technology thanks to consistently high quality
- Single turn or double turn with deadbolt secured against sawing
- Extensive product range: diverse backsets (18–65 mm) and faceplate variants as well as different deadbolt projections (15, 20 and 25 mm)
- Individual door design due to different faceplate finishes
- Many customised solutions

Latch and deadbolt locks	28-PZW	49-PZW	59-PZW
	Latch and deadbolt mortise lock for doors in accordance with DIN 18251-2 Class 1	Latch and deadbolt mortise lock for doors in accordance with DIN 18251-2 Class 3	Latch and deadbolt mortise lock for doors in accordance with EN 12209 2S800C4*BC20
	Metal, PVC	Metal, PVC	Metal, PVC
	Interior / room doors		
	Entrance doors and side entrance doors		
Special features	Deadbolt, single turn, 15 mm deadbolt projection	Deadbolt, single turn, 20 mm deadbolt projection	Deadbolt, double turn 25 mm deadbolt projection

* in conjunction with protected striker plate lock case



Latch and deadbolt mortise locks
up to 25 mm deadbolt projection



Special locks for special uses.

The unique KfV product range offers you the maximum range of solutions in the area of special applications. Here you will always find the right solution for your special requirements, for example locks for sliding doors with hook bolts or radius bolts and locks for radiation protection doors. This is supplemented by a range of further locks for fire protection doors.

Diverse versions for a wide range of application areas:

Steel doors
Rust-proof locks
Radiation protective doors
Sliding doors
Swing doors

Swing door roller latch
deadbolt lock

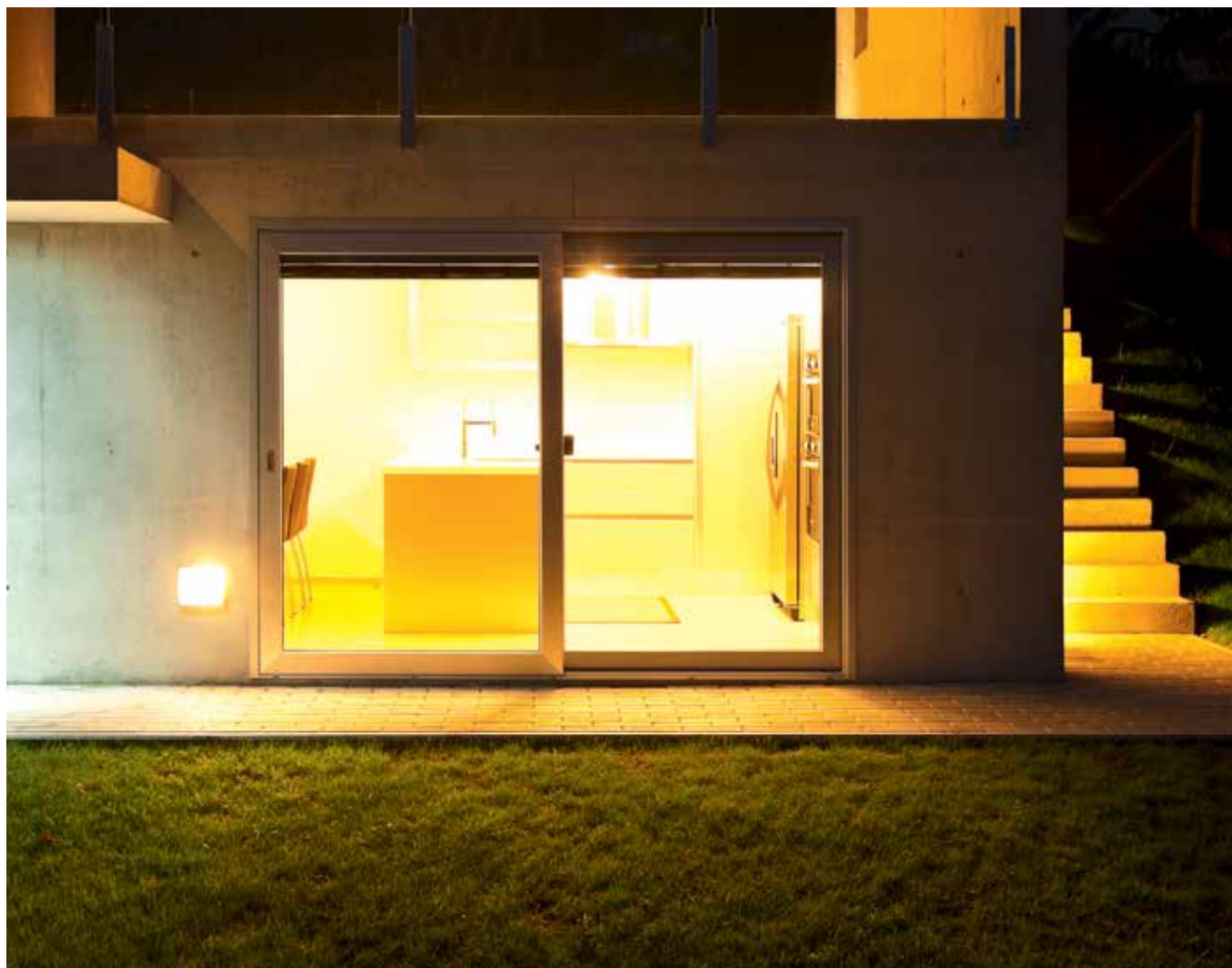


Deadbolt lock



Roller bolt lock





Sliding door lock



Sliding door lock



Lock for radiation protection doors





Emergency exits and panic locks

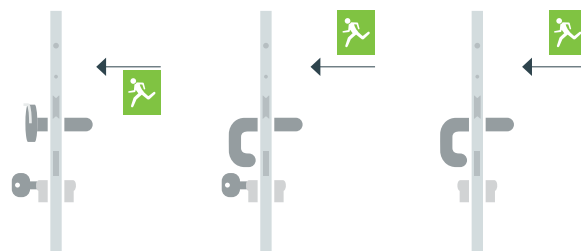
Reliable solutions in accordance with EN 179 and EN 1125 with maximum efficiency and functional safety.

The complete panic range.

Our complete range of locks and multi-point locks offers various tried-and-tested solutions for fire rated doors, emergency exit locks in accordance with EN 179, and panic door locks in accordance with EN 1125. These stringently tested lifesavers can be operated intuitively, but also fabricated very easily and efficiently. We have revolutionised the fabrication process for double-sash panic exit doors with an assembly-friendly three-part solution, for which the innovative driving rod technology with the milling expenditure for the panic secondary sash lock bolt minimises the total production time.

Locking functions B, D and E.

Locks and multi-point locks for escape doors can be opened in the direction of escape without a key at any time, even when they are locked. After using the escape function and closing the door, access against the direction of escape is either blocked again or it is not possible to go back into the building.



Solutions for escape doors and emergency exit doors

Reliable systems for single or double-sash escape doors, smoke and fire protection.

All multi-point locks and special locks from the comprehensive KfV panic range provide stringently tested and flexible solutions, which are distinguished by maximum functional security and intuitive operation. As every second counts, not just in an emergency, but also during fabrication, the multi-point locks for all escape door functions are based on the same main lock families and on auxiliary lock cases with identical dimensions. The DIN direction can be simply adjusted via the latch. The direction of escape can be set on the main lock for locking functions B and D.

Multi-point locks for escape doors

	EP 960 Panic locking part in accordance with EN 179 and EN 1125	GEP EP 960 Electromechanical locking part in accordance with EN 179 and EN 1125
Lock type	Round bolt-hook bolt combination	Round bolt-hook bolt combination
Door height can be extended	up to 2,400 mm	up to 2,400 mm
Intended for resistance class in accordance with EN 1627–1630*	up to RC3	up to RC3
Classification according to DIN 18251-3:2002	3	3
Fire-rated doors	⊙	⊙
Emergency exit and panic doors	⊙	⊙
Latch changeover (DIN RH/LH adjustable)	⊙	⊙
Locking rail with adjustment option +/- 2.5 mm	⊙	⊙
Individual striker plates with adjustment option +/- 2.5 mm	⊙	⊙
Secondary sash lock bolt for double sash entrance doors	⊙	⊙

Options for greater room comfort

Soft lock latch	optional	optional
Day latch	⊙	⊙
Bolt switch contact control system	⊙	⊙
Access control systems	—	⊙
Concealed axxent door hinge	⊙	⊙

* The hardware must be protected against manipulation from the outside.



Time-saving in case of emergency and in production

- Modular structure with uniform routing templates and screw-on positions
- Simplest assembly due to omission of threaded rods
- DIN direction and escape side for function B can be individually adjusted
- Diverse backsets and PZ dimensions available
- All locks and multi-point locks can be universally used for EN 179 and EN 1125 and can be delivered in locking functions (B, D or E)
- Solutions for all conventional secondary sash profiles in timber, PVC or metal for door elements with an overall height up to 2.40 m
- When the inactive sash of a double-sash escape door is opened, the main sash also automatically unlocks, freeing the entire escape route
- KfV GENIUS PANIK GEP: automatic locking and release for the locking functions B and E possible



Locks for escape doors

EP166

Panic mortise lock for emergency exit and panic doors in accordance with EN 179 and EN 1125

EP99

Panic deadbolt mortise lock for emergency exit and panic doors in accordance with EN 179 and EN 1125

Door profile	Timber	Metal, PVC
Interior / room doors	⊙	—
Entrance doors and side entrance doors	⊙	⊙
Fire-rated doors	⊙	⊙
Emergency exit and panic doors	⊙	⊙



Frame parts

The extensive frame range for all materials and profile systems.

Efficient diversity.

You will also benefit in several ways with our frame parts: because for KfV, not only every lock and every multi-point lock, but also every frame part belongs to a modular system concept – with freely combinable product families, clever uniform dimensions and real innovations. With few component designs and without special frame parts, this offers a maximum diversity of solutions, simple work steps and minimum warehousing.

Practical innovations.

The eccentric compression adjustment with its unique adjustment range of ± 2.5 mm at a low installation depth is the best on the market. This simplifies the installation and provides very high compression for protection against gusts of wind and driving rain. Our frame parts with pressure adjustment can be used with all multi-point lock types with round bolts, hook bolts (6 mm / 8 mm) or round bolt-hook bolt combinations. An appealing appearance and easy assembly are ensured by the profiled and easily positioned end caps and the deadbolt lining, which completely conceals the punched hole and can be conveniently inserted from the front.



Simple installation.

- ❶ Compression control: optimum compression and best tolerance compensation.
- ❷ Deadbolt lining: can be conveniently used from the front and is available in various installation depths.
- ❸ Profiled end caps: for correct positioning and an elegant appearance with various PVC profiles.

Individual striker plates and locking rails

Maximum range of solutions in a modular system.

Individual striker plates

The high-quality solution for all locking versions.

With these high-quality individual striker plates, you have a visually appealing and universally applicable solution for all locking types at hand with just one version, which can be optimally fabricated and flexibly adjusted by means of numerous innovations.



Locking rail

More stability and security in a continuously elegant appearance.

This sturdy locking rail, which can be used for different locking part versions, increases the security and enables an uninterrupted frame part design. The assembly is improved as only one part is fixed. Moreover, you benefit from all advantages provided by the individual striker plates.



Fabrication benefits

- Easy to install and cost-effective
- One variant for all locking parts
- Continuous compression control of the main lock latch via the AT piece
- Deadbolt lining in various installation depths: can be inserted from the front
- Auxiliary lock case: perfect tolerance compensation with eccentric compression control for round bolts and hook bolts of +/- 2.5 mm
- Profiled end caps for easier positioning

Fabrication benefits

- Easy installation, as only one part needs to be fixed
- One variant for all locking parts
- With chamfer and continuous compression control of the main lock latch provided by the AT-piece
- Perfect tolerance compensation: with eccentric compression control of +/- 2.5 mm for round bolts and hook bolts
- Deadbolt lining in various installation depths: can be inserted from the front

Double-sash doors

More quality with ease from secondary sash to bottom keep.

Secondary sash lock bolt

More comfort and efficiency for high-quality inactive sashes.

KFV secondary sash lock bolts combine security and a clear design with efficient assembly and stock-holding. Comfort is also a top priority here. For example, the T-handle for the BS80 automatically protrudes at the push of a button, facilitating locking and unlocking. Fully flush when not in use, the system is also easy to clean.



Bottom keep

Less friction and considerably less tolerance sensitivity.

With its generous compression adjustment of +2 to -1 mm, this bottom keep compensates installation tolerances very flexibly and simplifies operation of the cant lock permanently due to minimum friction.



Fabrication benefits

- For the inactive sash of double sash entrance doors
- Available for right or left side installation according to the DIN direction of the active sash
- Can be combined with mechanical and electromechanical KFV multi-point locks

Fabrication benefits

- Optimally aligned with the KFV secondary sash hardware and cant lock
- Compression adjustment from +2 to -1 mm for optimum compensation of installation tolerances
- Compensation rings available in inclines of 5° and 9° for adaptation to thresholds

Accessories for the frame

For individual security and comfort and design requirements.

Hinge side security device

More burglar resistance for all-round secure doors.

Our KfV hinge side security devices offer effective and extremely easy-to-install solutions for increased burglar resistance. The interlocking teeth of the two wedge locking elements eliminate potential points of attack by making it virtually impossible to prise the door open, even on the hinge side. These additional security devices can be adapted to the airgap of the respective profile system.



Fabrication benefits

- For timber, PVC or aluminium doors
- Quick and easy to install
- Consisting of two uniform, toothed wedge lock elements
- Can be flexibly adapted to the airgap of the respective profile system.

Frame parts with reinforcement plate

Special versions for higher stability.

A significantly greater burglar resistance is achieved due to the reinforcement plates with screw into the lining as well as partially into the masonry.



Fabrication benefits

- Available for apartment building entrance doors with lining and cladding of different door systems in the various size variants
- For example, can be used as a latch or deadbolt plate or as a hinge side security device

Day latch

Release of the main lock latch to leave the house without a key.

With the KfV day latch, you can easily release the main lock latch by means of a mechanical locking mechanism via a locking slider to leave the house for a short period without using a key. Because doors that appear to be closed can be opened simply by "pushing" on them.



Fabrication benefits

- For locking rails and striker plates with E-opener cut to length
- More cost-effective than an E-opener
- Quick and easy to install and can be adjusted even after installation
- For retrofit or for standard use with KfV frame parts
- Low installation dimension
- Can be used DIN RH and DIN LH

axxent Door hinge

The fully concealed hinge side for modern aluminium doors in a perfect design.

The design is elegant and timeless, but the assembly is quick and easy. The fully concealed assembly makes aluminium doors into discreet elements of design, thereby supporting the achievement of high-end living concepts. As a two-part design, only one person is needed to lift the door sash on or off and there is complete freedom for lateral, height and pressure adjustment.



Fabrication benefits

- For aluminium doors up to 120 kg
- Easily accessible 3D adjustment with large adjustment ranges for very flexible side, height and pressure adjustment
- The two-part hinge with frame and sash part makes it particularly easy to hang and lift-off the door leaf
- Low level of profile milling required

SIEGENIA®

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