

SIEGENIA[®]
brings spaces to life

150 YEARS OF KfV

KfV makes doors

secure³

The product line for modern locking
and access control systems.

Window systems

Door systems

Comfort systems

We bring spaces to life.



KFV opens up new possibilities.

Three dimensions and four walls result in a space. But still no living space. Because a living space represents a dynamic entity incorporating many factors and functions: security, comfort, health, aesthetics, sustainability, energy efficiency and much more. But the focus is always on people.

In short: A space is a system and door hardware, therefore, is not just door hardware. It is part of the system that brings spaces to life and gives people a sense of well-being.

This kind of thinking in terms of systems has a long tradition at SIEGENIA. Today, we are the leading system provider of room comfort: with window, door and comfort systems. Doors with an automatic opening and locking function and biometric or app-based access control systems are just two examples of room comfort of the future.

Room comfort is thus no longer the sum of many detailed solutions, but the result of a holistic approach. To convert diverse requirements, expectations and needs into innovative and marketable solutions is what drives us. For example, with our KFV door hardware and locking systems.

KFV provides traditional security and rigorously transfers it into future-oriented and marketable solutions. With solutions like KFVkeyless, even today we can show you the room comfort of tomorrow. In terms of workmanship, assembly and logistics, KFV continues to stand for the many opportunities to save time and cut costs in the production process.

KFV has been writing success stories for 150 years now with its innovative door locking technology. Now the subsidiary of the SIEGENIA GROUP is celebrating its anniversary year: in 2018, KFV proudly turns 150 years old.

The logo for KFV's 150th anniversary. The number '150' is rendered in a large, bold, sans-serif font. Each digit is composed of a mosaic of small, colorful triangles in shades of orange, red, purple, and blue. The '1' is primarily orange and red, the '5' is a mix of orange, red, and purple, and the '0' is primarily blue and purple.

YEARS OF KFV
A history of safety

When it comes
to doors only
the best will do.

You should be able to place your complete trust in the fact that your door hardware will be of the highest quality. It is this conviction that has led to our long-established KfV brand becoming the market leader for multi-point locks in Germany. Because at KfV, a multi-point lock is not just a series of different locking mechanisms – it is a perfectly coordinated system of exceptionally high-quality individual components.

From the hook bolt secured with back pressure to the profiled end cap, every single component will impress you with its top-quality materials, precise workmanship and high level of functionality. Every lock, every multi-point and every frame part forms part of a modular system concept that guarantees you an optimum range of solutions thanks to smart dimensions and product families that can be freely combined with each other. What's more, the outstanding technical service that KfV door hardware offers is another reason why our fabricators and customers from all over the world place their complete trust in us.

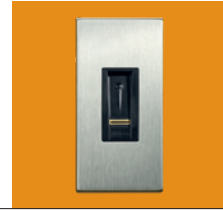


Multi-point locks



6

Electromechanical multi-point locks



22

Locks



28

Fire protection, emergency exit, panic exit



32

Frame parts



34

RADICALLY SIMPLE.

KFV
ONE

ONE Size

ONE Quality

ONE Workflow

More multi-point locks.

If you're looking for multi-point locks, you will find a large choice of versions at KfV. Whether these are for timber, PVC or aluminium profiles, key-operated or handle-operated, for single or double-leaf doors or even elements up to a height of 3 meters.

More reasons to choose our multi-point locks are the extensive benefits for the fabricator, including high profitability thanks to the unified routing templates for sash and frames, high-quality materials and precise workmanship. An attractive, easy-to-operate drive gear and a long service life ensure customer satisfaction.

However your customers operate their doors, whether via key or lever, we have both variants in our programme. And if, in addition to the key or lever handle, your customers need a bit more security and convenience at the push of a button, then you can recommend our electromechanical multi-point locks.

Our products are certified in accordance with a number of standards, including DIN, RAL, CE, VdS and SKG. Furthermore, our products come complete with quality seals such as "K-EINBRUCH" from the German criminal investigation advisory bureau to prevent security-related incidents.

Thanks to continuous development, we manage to retain our quality and innovative edge when it comes to multi-point locks. The system has now been further developed from the ground up. The result is KfV ONE and it provides a new dimension of efficiency and flexibility.

As usual KfV have placed great importance on the topic of security. For this reason the shape of the hook bolt has been reworked with a view to increased burglar resistance.

The powerful system combines the sum of its benefits with the topic of energy efficiency: The improved gear structure enables the door to be easily drawn into the seal. This generates a high contact pressure that keeps cold draughts outside.

The reduction of the lock case thickness to 15 mm also offers benefits. It permits the precise covering of the hardware groove even with a 16-mm faceplate. This also ensures a high-quality, elegant look.

KFV ONE modular system: One system, all possibilities.

The design of KFV ONE is sophisticated down to the very last detail. The product design creates the prerequisites for maximum flexibility and the radical standardisation of assembly processes - even for retrofitting. This begins with the ability to interchange between key-operated and lever-operated main lock cases as well as the use of a uniform faceplate and extends to standardised latch connection. It permits the simple turning of the clipped on latch or the replacement by another latch bolt. "One size fits all" is the motto here, which also applies for the fixing material for the main lock and auxiliary lock case: They are identical in KFV ONE.

Due to the exemplary modularity of the new system for multi-point locks, KFV fabricators are able to configure a versatile variant spectrum, distinguished by the maximum reduction of essential components, lean warehousing and easy ordering. Fabricators benefit in a number of ways from the consistent standardisation of the

modular system for multi-point locks. The structure and handling of the components are extremely uncomplicated and thus create the prerequisites for flawless production. The standardised product design ensures an unchanged assembly process for all variants. Simple processes also arise as a result of the uniform milling and screwing positions in all variants as well as the optimised drive rod suspension that is identical for all cases. This permits cross-series use. Another considerable enhancement is the installation of Swiss round cylinders, which can now be accomplished without recessing the multi-point lock.

The right lock for every area.

BS 2300/BS4300: Round bolts prevent the door from being pried open and impede break-in attempts. The lock stands out with its impressive thermal insulation and tight sealing.

BS 2500/BS4500: Hook bolts prevent the door leaf and frame from being prised apart. Hook bolts lock from the bottom up, preventing the deadbolt getting stuck or seizing if the door becomes warped.

BS 2600/BS4600: A combination of a round bolt and hook bolt offers maximum security and can be used universally in all profiles and in timber doors. The hook bolt reaches behind the striker plate and the round bolt holds the hook bolt in place.

ONE

Size

- Standard milling
- The same screwing positions
- The same height dimensions of auxiliary lock case 150 mm
- Uniform direction of closing

ONE

Quality

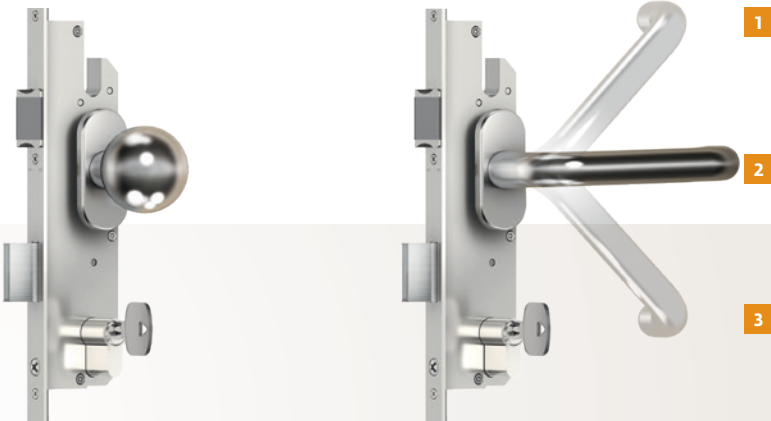
- Enhanced contour of the hook bolt
- Smooth-running gear
- Identical drive rod suspension
- Reduction of the lock case thickness to 15 mm

ONE

Workflow

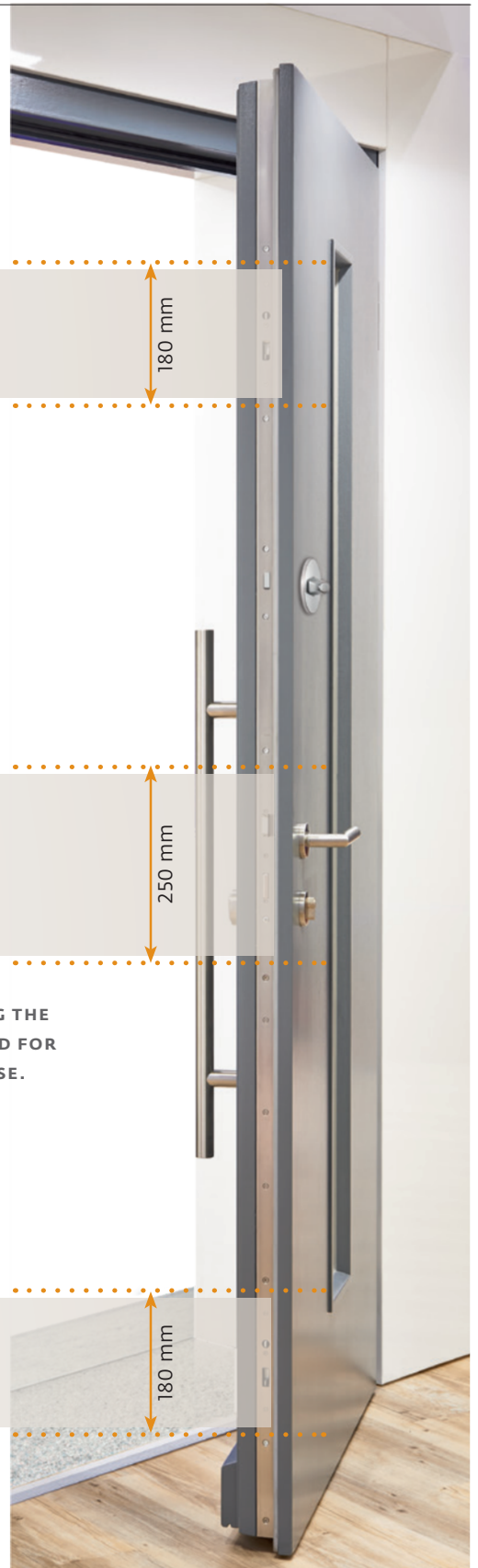
- High modularity
- Maximum flexibility
- Lean assembly process
- Simple change of DIN orientation or latch buttons

BS 2300/BS 4300 BS 2500/BS 4500 BS 2600/BS 4600



KEY-OPERATED:
LOCK AND RELEASE WITH A
DOUBLE KEY TURN.

LEVER-OPERATED:
LOCKING AND UNLOCKING FROM INSIDE USING THE
LEVER HANDLE: **1** LOCKING, **2** DEFAULT POSITION, **3** RELEASE.



The 'Comfort' mushroom cam: small detail, big impact.

Convenient multi-point locks.

We don't mind admitting it: The 'Comfort' mushroom cam is not a KfV innovation. It became part of our range through our partnership with SIEGENIA and shows the synergies that are possible between a window and a door hardware manufacturer.

The 'Comfort' mushroom cam ensures a smooth operation and low-maintenance. Its rolling mushroom cam hooks behind the frame parts, providing better protection against break-ins. It is therefore suitable for anti-intruder elements up to resistance class 2.

Benefits for fabricators:

- Ensures straightforward and absolutely precise installation with its continuous height adjustment
- Automatically compensates for clearance tolerances, which means it can reduce adjustment work considerably both during production and assembly on site
- Prevents costly and time-consuming complaints
- The pressure adjustment of the comfort mushroom cam also has an effect on the individual adjustment to tolerances

Benefits for users:

- Automatic adjustment for changing conditions, e.g. temperature fluctuations
- Guarantees a durable locking system that is optimally adjusted at all times
- Ensures individual adaptation to tolerances



COMFORT MUSHROOM CAM WITH INTEGRATED HEIGHT ADJUSTMENT.



AS 2750 three-latch lock: For triple security.

Excellent thermal insulation and sound absorption combined with a high level of protection against break-ins – doors are three times as secure with the AS 2750,

the three-latch lock with two additional, spring-loaded, soft-lock latches in the auxiliary lock cases.

Benefits for fabricators:

- Enhanced basic security
- Combination with 3 E-openers is available
- With optional, preassembled T2 door arrester
- Suitable for apartment doors, residential front doors and the commercial sector

Benefits for users:

- Two additional latches in the auxiliary lock cases make it more difficult for an intruder to open the door (by pushing the main lock latch back with a credit card)
- Combination of hook bolt and latch prevents intruders from breaking or prising the door open – high burglar resistance class up to RC3
- Three soft-lock latches protect the door against warping
- Optimal sealing and thermal and sound insulation



WITH TRIPLE SELF-CLOSING FUNCTION THANKS TO THE SPRING LOADED LATCHES.
VdS CLASS B CERTIFICATE.

Multi-point locks with uniform dimensions.

Our multi-point locks with uniform dimensions are intelligent modular systems that make your work considerably easier. The new generation of multi-point locks are characterised by standardised routing templates for the different lock types.

The advantages are obvious: simple to change, easy to retrofit, more possibilities are available through the selection of variants, simplified warehousing levels, easy pre-handling, lower service costs on-site. In short: Our multi-point locks with uniform dimensions help you to tap into your full potential more effectively.

Benefits for the fabricator

- Identical routing templates for sash and frame with all lock types
- Complete product programme
- Solutions for special applications
- Reduced warehousing levels of frame parts
- Products for all door materials: Timber, PVC, aluminium and steel

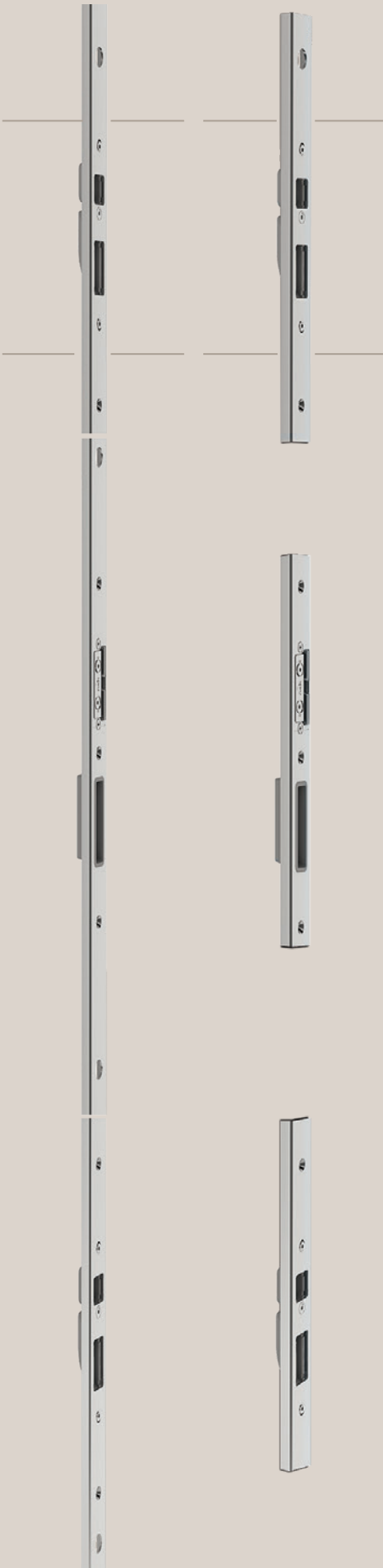
Locking rail

Striker plates

AS 2300

AS 3600

EP 960



Multi-point service lock: The quick solution for defective doors.

The multi-point service lock is the ideal solution to quickly repair and maintain front doors for homes and apartments.

Massive benefits arise in warehousing, for example. This is provided by the drastic reduction of the number of faceplate sets required by around 60 percent – with unchanged hinge width in ranges of application. It gives fabricators and retailers a high degree of flexibility as well as the possibility of manufacturer-independent use. A really unique feature is offered by the new generation of KfV multi-point service locks by the use of one and the same faceplate set for

both key-operated and lever-operated main locks. This is not offered currently by any other solution. The production of the stainless steel faceplate sets is still unique. They guarantee a long service life and protect the cut edges from corrosion.

Burglar resistance made easy
The KfV solutions, with their well thought out design, also show strength(s) in the enhancement of the burglar resistance, which is proven by the successful test as a burglar resistant retrofit product in accordance with DIN 18104 – Part 2.



RB 1100

RB 1200

RB 1300

RB 1500

RB 1600

Benefits for fabricators:

- Faceplate set can be combined with key or lever-operated main lock sets
- Special flat coupling point with SIEGENIA TITAN AF fine tooting eliminates cutting work
- As a rule, the faceplate is made of stainless steel for a high-quality appearance without corrosion on any cut edges
- Main lock set is available separately with different backsets, resulting in less stock
- Reduction bush of 10 to 8 mm spindle square included in the main lock set as standard

Benefits for users:

- Manufacturer-independent system
- Available with maintenance-free soft-lock latches as standard for key-operated versions
- Available for all conventional door heights between 1625 and 2400 mm
- Freely selectable handle positions



LOWER MILLING COSTS: FLAT COUPLING LOCATED IN THE U-PROFILE FACEPLATE IN THE PROFILE. DIFFERENT MAIN LOCK SETS FOR KEY AND HANDLE-OPERATED MULTI-POINT LOCKS, BUT THE SAME FACEPLATE SETS.

Automatic multi-point locking system AS 3500.

The AS 3500 automatic multi-point locking system is a contactless trigger without release latches in the auxiliary lock case. When the door is open, the hook bolts are sunk into the face plate.

When the door is closed, the hook bolts are activated by a trigger which is independent of the airgap and lock upwards.

For fabricators:

- Magnetic trigger can be clipped onto the frame part
- Hook bolt secured with back pressure
- Can be used DIN right or DIN left by switching the main lock latch
- Retrofittable A-opener 2.1 motor
- T3 door arrester can be retrofitted (operation from the inside only)
- T4 door arrester (operation from inside and outside) preassembled ex works
- Retrofittable daytime release

Benefits for users:

- Insurance protection when closing the door
- Quiet locking sound thanks to magnetic technology
- Faceplate made of high-quality stainless steel
- Main lock with maintenance-free soft lock latch
- Maximum flexibility – from opening doors with a lever handle and key up to operation via an access control system or the button on an intercom system for use with an optional A-opener
- Protection from unwanted guests thanks to optional door arrester
- Leave the house without a key thanks to the daytime release (deactivation of the automatic function)



VdS

MAGNETIC TRIGGER IS SIMPLY CLIPPED ON.
VdS TESTING INSTITUTION CLASS C CERTIFICATE.

Automatic multi-point locking system AS 3600.

With the new AS 3600 multi-point lock, four locking elements move out 20 mm at the same time. The automatic falling bolt incorporates a mechanical trigger which causes the falling bolt and the hook bolt to move out when you touch the frame part.

Moreover, the deadbolt in the main lock can be picked via the cylinder to thus block the handle. The elements of the accessory lock cases are inserted again via the handle or the key, then cocked and locked in place for the next trigger.

Benefits for fabricators:

- Mechanical trigger with improved tolerance
- Falling bolt and hook bolt secured with back pressure
- Can be used DIN right or DIN left by switching the main lock latch and falling bolt
- Retrofittable A-opener 2.1 motor
- T3 door arrester can be retrofitted (operation from the inside only)
- T4 door arrester (operation from inside and outside) preassembled ex works
- Leave the house without a key thanks to the daytime release (deactivation of the automatic function)

Benefits for users:

- Insurance protection when closing the door
- Burglar resistance up to RC2
- Main lock with maintenance-free soft lock latch
- Maximum flexibility – from opening doors with a lever handle and key up to operation via an access control system or the button on an intercom system for use with an optional A-opener
- Protection from unwanted guests thanks to optional door arrester
- Leave the house without a key thanks to the daytime release



TWO LOCKING ELEMENTS MOVING OUT TO 20 MM IN THE AUXILIARY LOCK CASE:

1 AUTOMATIC SOFT LOCK FALLING BOLT, **2** AUTOMATIC HOOK BOLT.

Vds TESTING INSTITUTION CERTIFICATE IN PREPARATION.

Accessories for maximum flexibility AS 3500/AS 3600.

The following options can be retrofitted:

- 1 AS 3500: Daytime release
- 2 AS 3500/AS 3600: T3 door arrester (T4 only available if preassembled at the factory)
- 3 AS 3600: Daytime release integrated in the main deadbolt (can be retrofitted or preassembled at the factory)
- 4 AS 3500/AS 3600: Electric A-opener

With the A-opener motor the automatic multi-point locks can be upgraded to an electromechanical variant. In the new 2.1 version the range of application has been significantly expanded.

The combination with separable power supplies such as tappet contacts is now possible. This gives the door a discreet, appealing appearance and makes connection and installation extremely easy.

The option for combination with a wide range of access control systems from -KFVkeyless, to the fingerprint scanner, up to radio remote control and transponder systems -provides a high degree of flexibility. Even the connection to smart home systems is possible thanks to the WLAN-capable smart universal module and control via somfy io-homecontrol®.

The A-opener 2.1 is suitable for house and apartment entrance doors of all frame materials.



Daytime release

Benefits for fabricators:

- Can be combined with the KfV day latch or the E-opener in the frame part, which activates the customary daytime release
- Can be retrofitted without remilling profiles with a eurogroove

Benefits for users:

- Leave the house without a key
- The automatic function can be deactivated by a blocking lever in the main lock bolt
- In addition, a 115A/B day latch is required on the frame side

T3/T4 Door arrester

Benefits for fabricators:

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

Benefits for users:

- Protection against unauthorized access
- No scratched door surfaces as no door chain is mounted on the door leaf
- Locks from inside using swivel knob
- The swivel knob position is adapted to the backset
- Can be opened from the outside using a key
- Special feature of the T4 door gap lock: you can also unlock it from the outside with the key

A-opener 2.1

Benefits for fabricators:

- Compatible with cable transfers and accessories from the GENIUS line
- The same, compact dimensions as with the GENIUS Motor
- Simple connection and easy installation
- Digital SI-BUS interface supports SI-BUS converter and SI-BUS analytical tool

Benefits for users:

- comfortable, electromechanical opening
- Can be combined with various access control systems, such as finger scanner scanner and KfVkeyless
- Connection to smart home systems possible
- LED status indicator shows the current operating status via a traffic light system
- Button for adjusting the buzzer volume



Bolt switch contact

Benefits for fabricators:

- Quick and easy installation in the locking rail or striker plate
- Replaces the Q adjustment; adjustment range is retained
- Contact-free and wear-free
- Also suitable for escape doors
- Can be connected individually or in multiples (in series or parallel)
- Suitable for all KfV multi-point locks with hook bolt

Benefits for users:

- For monitoring the door locking status, such as for an alarm system
- Can be adjusted on site after installation
- Certification in accordance with VdS Class C

Soft-lock latch

Benefits for fabricators:

- With high-quality, abrasion-resistant PVC-coated latch
- Can be used DIN right or DIN left

Benefits for users:

- Enhanced comfort with a quiet locking sound
- Maintenance-free since the latch does not need to be lubricated
- Low activation forces
- The latch can be easily replaced without having to open the gear box

Swing door roller latch

Benefits for fabricators:

- For doors which are opened frequently, ideal for shop entrance doors and as the main entrance for public buildings
- Swing door roller latch can be adjusted to the airgap by adjusting the screws in the faceplate
- 5 mm adjustment possibility to compensate for airgap tolerances

Benefits for users:

- The door can be opened by pressing the finger plate from the outside
- Available preassembled from factory or retrofittable



ACCESSORIES FOR KfV MULTI-POINT LOCKS.

T2 door arrester

Benefits for fabricators:

- Can be used DIN right or DIN left
- Retrofitting possible on all AS 2300, AS 2500 and AS 2600 multi-point locks with "T0" hole group, or pre-assembled on an AS 2750 multi-point lock
- Sprung index pin with 12.5 mm deadbolt to compensate for airgap tolerances

Benefits for users:

- Protection against unauthorized access
- No scratched door surfaces as no door chain is mounted on the door leaf
- Locks from inside using swivel knob
- The swivel knob position is adapted to the backset
- Can be opened from the outside using a key



Additional deadbolt lock

Benefits for fabricators:

- Prepared for profile cylinder
- 15 mm deadbolt projection
- Available backsets 35, 40, 45, 50, 55, 65 mm pins
- Retrofitting possible on all AS 2300, AS 2500, AS 2600 multi-point locks with "T0" hole group

Benefits for users:

- Additional bolt operated separately
- Can be operated by key from inside and outside



Extension piece

Benefits for fabricators:

- Serves to extend the AS 2300, AS 2500 and AS 2600 key-operated multi-point locks
- Length: 500 mm
- Extension set includes:
 - Connection driving rod for suspension in the auxiliary lock case
 - 2 cover caps (for round bolt and hook bolt)

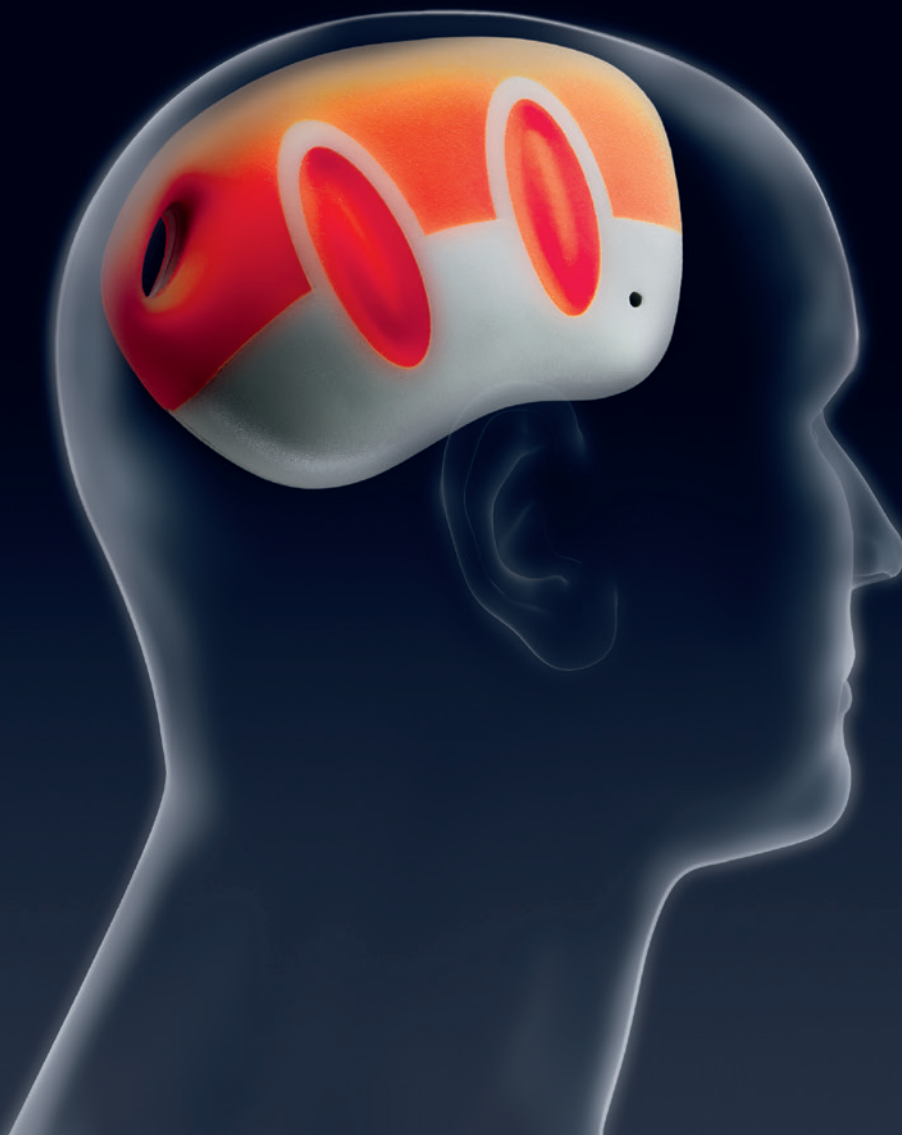
Benefits for users:

- Suitable for high entrance doors
- Can be retrofitted to round bolt or hook bolt version



ACCESSORIES FOR KfV MULTI-POINT LOCKS.

Some call it ingenious.
We call it GENIUS.



Convenience and security at the push of a button.

GENIUS is our electromechanical locking and unlocking system. Depending on the version, it is suitable for use in private homes and in commercial or industrial buildings.

With GENIUS, you can say goodbye to hauling around jingling bunches of keys. GENIUS can therefore make life much easier – particularly for the elderly and people with disabilities. Doors open and close completely at the touch of a button in combination with swing door drives.

Benefits for fabricators:

- GENIUS combines the locking properties of a mechanical multi-point lock with the convenient features of state-of-the-art electronics
- Power supply: 230 V
- Minimal installation costs
- Cutting-edge solution for door security with all the ease of use of contact-free operation
- Plug-and-play cabling
- Digital RS485 interface for diagnostic, updating and control purposes

Benefits for users:

- Quiet, rapid locking and release
- LED status indicator in several colours
- Complete menu access when installed
- Can be combined with access control systems and many other applications
- Can be used in combination with KfVkeyless to open doors hands-free and manage access rights via an app
- High level of security thanks to motorised locking part
- Warping protection for the doors and reduced heating costs thanks to ideal sealing

GENIUS 2.1 MOTOR



GENIUS USES ELECTROMECHANICAL FUNCTIONS TO OPEN AND CLOSE THE DOOR.

GENIUS — One system, many solutions.

Components of a GENIUS set:

- 1 GENIUS multi-point lock with mounted motor
- 2 Magnet on the frame side for the reed contact
- 3 Power supply
- 4 Cable transfer
- 5 Access control system



All in one: New plug-and-play sets.

The plug-and-play sets are complete sets with access control system, power supply and all necessary components to be able to commission our electromechanical GENIUS and A-opener multi-point locks as easily as possible. Due to the predefined sets, it is now possible to obtain all necessary components via one order number. The sets can be modularly upgraded via optional extension kits by WLAN function or io-homecontrol, for example.

- No electrician required
- Error-free ordering and installation
- Quick assembly and installation
- All components are preassembled
- With cable connections and coded plug-in connectors
- Protected against polarity reversal, locks into place, vibration-resistant
- Modular design

GENIUS 2.1 Motor

- Power supply: 230 V
- Minimal installation costs
- Plug-and-play cabling
- Quiet, rapid locking and release
- Cutting-edge solution for door security with all the ease of use of contact-free operation
- Can be combined with access control systems and many other applications
- Multicoloured LED buttons for menu navigation when installed
- Magnetic sensor with status message by multicoloured LED
- Digital RS485 interface for diagnostic, updating and control purposes

Frame-integrated power supply

- Door frame installation
- Efficient assembly
- Complete installation possible during production
- On-site assembly thanks to a plug-and-play solution
- Power supply via 230-V connection
- Special feature: 12-V-AC/DC switching signal connection from the E-opener or intercom system can be used as an opening signal for GENIUS

Cable transfer

- Cable transfer for concealed door rebate installation
- Protection class IP 67
- Security aspect: Cable transfer only accessible when the door is opened
- Easy maintenance, assembly and service work based on simple plug-in connectors
- Cable transfer without casing: Opening angle 180°
- Cable transfer with casing: Opening angle 100° or 180°



4.1 CABLE TRANSFER WITHOUT CASING
4.2 CABLE TRANSFER WITH CASING

Trust is good, access control is better.

When used in office buildings, GENIUS can be controlled via access control systems that assign employees precisely defined access rights for all rooms. With its day/night mode, you can synchronise the system exactly to your working hours. You can also combine it with clock timers, alarm systems or revolving door drives.

We offer a wide range of access control systems for use in private residences. From wireless transponders to finger scanner recognition or the KfVkeyless system with smartphone app.

NEW: From the KfV GENIUS and DRIVE axxent turn-and-tilt element right through to the AEROPAC wall-mounted ventilator, you can now operate a whole host of SIEGENIA GROUP solutions from a single source – the SIEGENIA Comfort app.

Benefits for fabricators:

- Compatible with KfV GENIUS multi-point locks as well as AS 3500/ AS 3600 with A-opener
- Cutting-edge solution for door security
- All the convenience of contact-free operation in combination with KfVkeyless

Benefits for users:

- Secure electronic access control system to support mechanical burglar resistance
- Highly secure keyless operation



EASILY MANAGE ELECTRONIC ACCESS RIGHTS FROM A SMARTPHONE APP,
AND BENEFIT FROM CONTACT-FREE DOOR OPENING VIA BLUETOOTH.

Fingerprint scanner

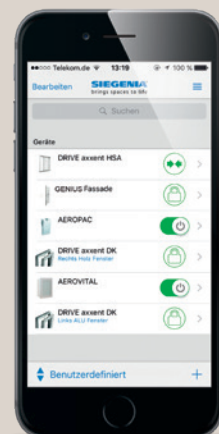
- Biometric access control system
- Optionally available door leaf integration or external installation
- Up to 99 memory slots can be programmed
- No separate evaluation unit
- Minimum amount of cabling needed for installation
- Direct power supply via GENIUS
- **Optional:** Convenient app for user and system administration available

KFVkeyless

- Electronic access control system via Bluetooth
- Optionally available door leaf integration or external installation
- User-friendly app solution
- Contactless opening of doors via smartphone Bluetooth function – or, alternatively, by entering a code on the keypad
- Simple user and system administration

SIEGENIA Comfort app

- For operating several SIEGENIA products which are compatible with the Comfort app
- Free app for controlling devices via smartphone, tablet or PC without the need for an extra WLAN network
- Can be integrated in a home WLAN network
- Operation including status feedback (device dependent)



THE RIGHT SOLUTION FOR EVERY APPLICATION.

Our locks:
Masters of the resistance classes.



Feel secure in the knowledge
that you've chosen the right lock.

The KFV product line offers a wide range of locks for commercial and residential buildings. Here you will find the right lock for every door.

Of course, our mortise locks are also available for rebated doors and non-rebated doors that close using lever locks, bathroom knobs or cylinder locks.

Latch and deadbolt locks are available with 1 or 2 throws, with different deadbolt projections (15, 20 and 25 mm), various backsets as well as different faceplate variants.

Door to door security.

Class 1:

For doors that are opened infrequently and carefully – for example, storeroom doors.

Class 2:

For doors that are opened regularly and carefully – 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 frequently and sometimes roughly – for example, doors with increased anti-intruder protection and doors in public buildings.



MORTISE LOCK, CLASS 1

MORTISE LOCK, CLASS 2

MORTISE LOCK, CLASS 3

MORTISE LOCK, CLASS 4

Especially innovative: Our special locks.

With its comprehensive product portfolio of special locks, KFV can provide you with options to suit many special applications. You will always find the right solution for your special requirements,

for example locks for sliding doors with hookbolts, radius bolts, locks for radiation protective doors and a number of additional special locks, such as those for panic and fire protection areas.



LATCH DEADBOLT LOCK

SWING DOOR ROLLER
LATCH DEADBOLT

DEADBOLT

LATCH LOCK

ROLLER BOLT LOCK



LOCK FOR RADIATION PROTECTIVE DOORS

SLIDING DOOR LOCK

SLIDING DOOR LOCK

The power of the magnet: Our magnetic locks.

Our magnetic locks are designed to maximise your comfort and convenience. The magnetic latch lies flush within the gear box when the door is open and is therefore virtually invisible.

Powerful magnets draw the latch into the striker plate and hold it in place. This intelligent detail is what makes it extremely quiet.

Benefits for fabricators:

- Reduced installation costs
- Maintenance-free and smooth-running
- The latch is triggered with state-of-the-art, neodymium magnetic technology — no loss of magnetic force
- Rotatable magnetic latch packer to facilitate compression control

Benefits for users:

- High-quality appearance thanks to flush latch position
- Wear-resistant magnetic technology — no release latches
- Pleasant acoustics



MAGNETIC LOCK 116

Magnetic technology for flush-closing interior and exterior doors: no flanged strikers required.

MAGNETIC LOCK 111

Magnetic technology in accordance with DIN 18251-1 for rebated interior doors: classic mortise locks can be easily replaced.

The last thing you should have to worry about in an emergency is doors.



Fire protection, emergency exit, panic exit.

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 are distinguished by maximum functional reliability and total ease of operation. After all, in an emergency, every second counts.

We have revolutionised the manufacturing processes for double-sash panic exit doors. The easy-to-install, three-part solution with drive-rod technology minimises milling costs and enormously reduces the time required to produce an emergency secondary sash.

Benefits for fabricators:

- Uniform routing templates for sashes and frames – KFV modular system
- Diverse backsets and dimensions available
- DIN direction and escape sides can be individually adjusted
- All locks and multi-point locks can be universally used for EN 179 and EN 1125
- Available with three locking functions (B, D or E)
- Available for all conventional secondary sash profiles for timber, PVC and metal
- Can be used in door elements with total height up to 3 m

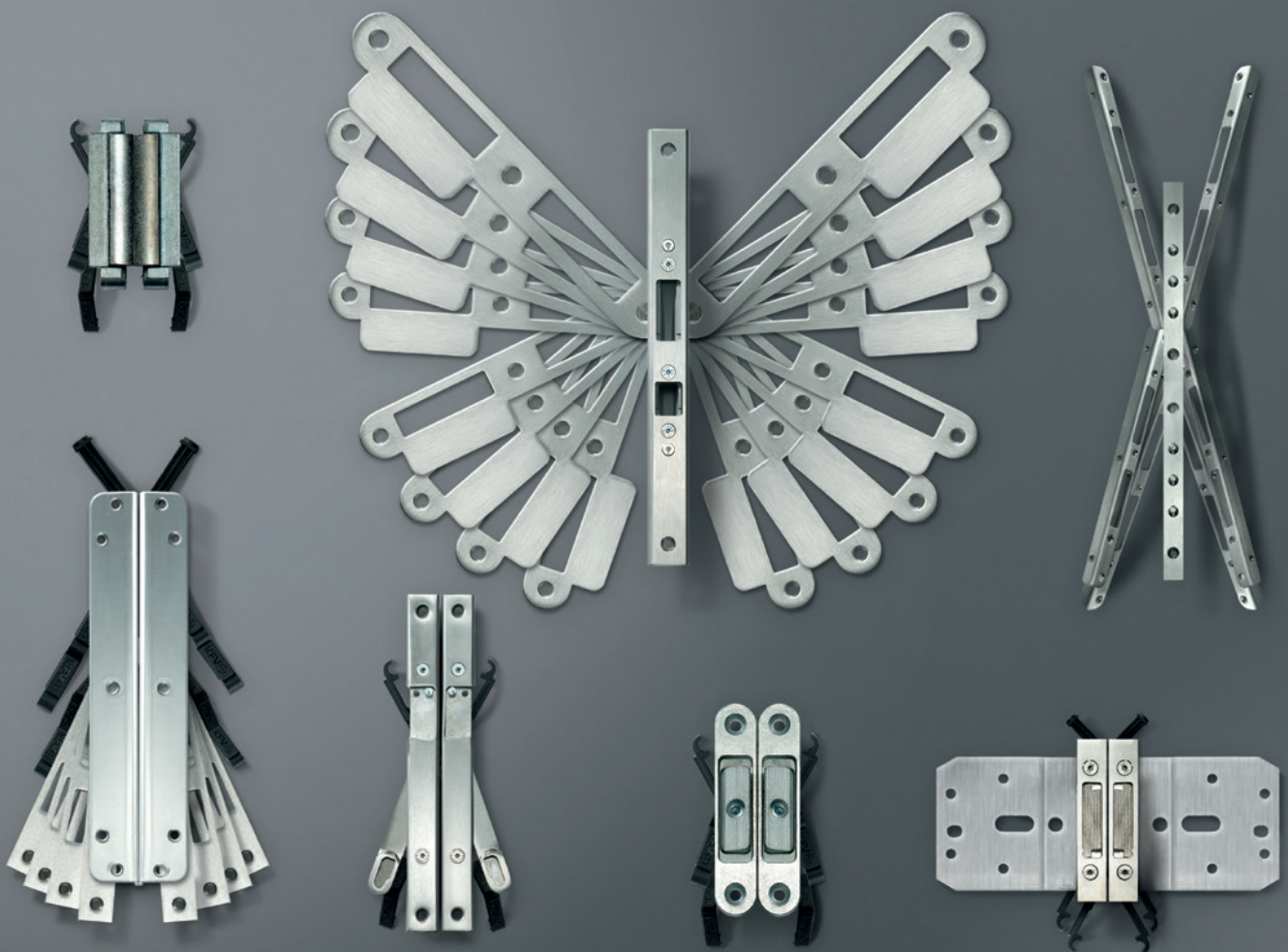
Benefits for users:

- Keyless opening in the escape direction is always possible
- When the inactive sash in a double-sash panic exit door is opened, the main sash unlocks automatically, allowing the full opening width of the element to be used for escape
- Available as GENIUS PANIC – electromechanical door locking and unlocking



CYLINDERS WITH FIXED OR FREE-RUNNING CATCHES AS WELL AS MECHATRONIC CYLINDERS WITH CROSS-SECTIONAL AREAS ACCORDING TO DIN 18252 CAN BE INSTALLED.

Variety frames our product range.



The right type for every task.

For any profile system and any door profile: Variety frames our product range. But what makes the KFV product line so special is its innovations, including the new compression control. With its wide adjustment range (+/- 2.5mm), it's the top product on the market for shallow installation depths. A considerably higher level of contact pressure guarantees effective protection, for example against strong winds and driving rain.

The deadbolt backing can be conveniently applied from the front and is available in various installation depths. The new profiled end caps ensure correct positioning during installation and an attractive appearance with various PVC profiles.



COMPRESSION CONTROL



DEADBOLT BACKING



PROFILED END CAPS



Individual striker plates

- Flexible application
- Cost-effective and simple installation
- With compression control for latch and deadbolt in the latch area via a replacement piece / latch receiver
- With eccentric compression control for round bolts and hook bolts



Locking rail

- Continuous locking rails create an elegant appearance
- Simple installation, as only one part needs to be attached
- With chamfer and compression control in the latch area provided by a replacement piece / latch receiver
- With eccentric compression control for round bolts and hook bolts



E-opener locking rail

- Specially designed for the AS 2750 three-latch multi-point lock
- Combined with three standard E-openers
- Cabling is on the frame side
- Release of all three latches via E-opener



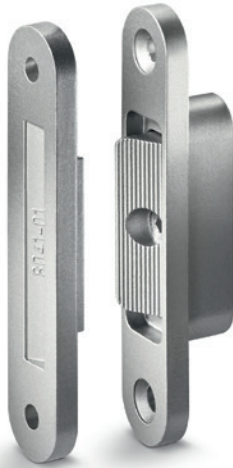
Secondary sash lock bolt

- Installed in the inactive sash of double sash entrance doors
- Can be combined with mechanical and electromechanical KfV multi-point locks
- Available for right or left side installation according to the DIN direction of the active leaf
- Easy to lock and unlock using the handle
- Strong bolts make it particularly secure



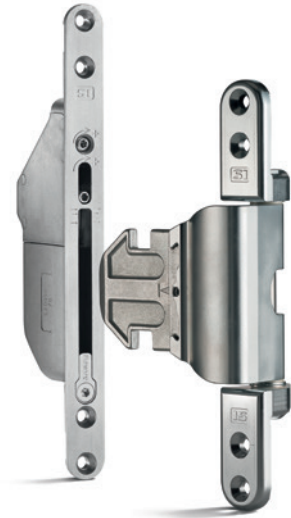
Hinge side security device

- Consisting of two uniform, toothed wedge lock elements
- Can be adapted to the airgap of the respective profile system
- Can also be milled



axcent door hinge fully concealed

- For aluminium doors up to 120 kg
- Simple 3D adjustment
- Two-piece hinge with frame and sash part
- Easy installation and lift-off of the door leaf
- Easy to clean



Frame parts with reinforcement plate

- Suitable for apartment building main entrance doors with lining and coating of different door systems in the various versions
- For example as a latch or deadbolt plate or as a hinge side security device etc.



Bottom bushing

- Aligned with KfV secondary sash lock bolts and cant locks
- Contact pressure adjustment +2/-1 mm
- This compensates for installation tolerances
- Minimised friction of PVC on steel means less force required to operate
- Compensation rings available in inclines of 5° and 9° for adaptation to thresholds

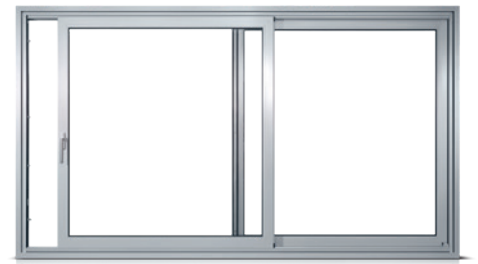


Day latch

- More cost-effective than an E-opener
- For retrofitting or for standard use with KfV frame parts
- Main lock latch releases using mechanical locking mechanism
- Locking slider for easy switching
- Minimum installation depth



More products. More from SIEGENIA.



TITAN opens up perspectives.

Our window hardware solutions for timber, PVC and aluminium combine intelligent product details with a variety of possibilities to save time and lower costs. Therefore high functionality and security always go hand in hand with minimal logistics and streamlined production processes.

Especially for the requirements of modern architecture, SIEGENIA offers the axxent hardware series; the new generation of concealed solutions. Here strong design meets strong technology.

PORTAL offers solutions with vision.

Our PORTAL sliding door solutions reduce design freedom, comfort and security in all weight classes down to one single common denominator. Whether timber, PVC or aluminium hardware, their special ease of movement ensures that the visual lightness of large glass surfaces is not accompanied by difficult operation.

Discover the full range of intelligent sliding doors with our PORTAL lift and slide system. With this you can rely on opening widths of up to 12 metres and a barrier-free threshold, which is also well above the minimum requirements in terms of thermal insulation.

SIEGENIA[®]

brings spaces to life

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