

**KFV** makes doors

# secure<sup>3</sup>

The product range 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 that is a dynamic construction of 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 ensures that spaces become alive and people feel comfortable in them. Living spaces.

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 traditionally 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.



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 panic door lock and every striker plate 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 millions of fabricators and customers from all over the world place their complete trust in us.



**Multi-point locks**



**6**

**Electronic multi-point locks**



**20**

**Locks**



**24**

**Fire rated, emergency exit, panic exit**



**28**

**Frame parts**



**30**

Our multi-point locks  
are always secure.



## More multi-point locks.

If you're looking for multi-point locks, you will hardly find a larger choice of variants with any other supplier. Whether for timber, PVC or aluminium profiles, key operated or lever operated, for single or double leaf doors or oversized doors.

More reasons to choose our multi-point locks are the extensive advantages for the fabricator, including ease of preparation thanks to the standardised routing detail for sash and frames, high-quality materials and precision workmanship. An attractive, easy to operate gear is simple to use and its long service life ensures customer satisfaction. Consistent development allows us to continue to make advances in quality and innovation within the multi-point locks sector.

### **Precisely tailored to your customer's needs: key operated or lever operated.**

Whatever door your customer has, we have both variants in our range to cater to your customers' needs.

And if, in addition to the key or handle, your customers need a bit more security and convenience at the push of a button, then you can recommend our electrically operated multi-point locks.



**KEY OPERATED:**  
**LOCK AND UNLOCK WITH**  
**A DOUBLE KEY TURN.**

**LEVER OPERATED:**  
**LOCKING AND UNLOCKING FROM INSIDE**  
**USING THE HANDLE: 1 LOCK, 2 RESTING**  
**POSITION, 3 UNLOCK, KEY CAN BE USED**  
**TO BLOCK.**



## Key-operated multi-point locks.

Key-operated multi-point locks by KfV are locked by a double key turn. Two turns are also required for locking and unlocking.

### All the benefits at a glance:

- Smooth-running gear
- Smooth latch lever operation
- Adjustable DIN direction
- Versions for Swiss round cylinder
- Variety of backsets available
- Various distances available
- With optional soft-lock latch

### The right lock for every area.

**AS 2300:** Impressive sealing compression, giving good thermal insulation, with standard bolts which prevent the door from being prised open and impedes break-in attempts.

**AS 2500:** Hook bolts make it difficult to prise the door leaf and frame apart.

**AS 2600:** Pin-hookbolt combinations offer maximum security and can be used universally in all profiles and timber doors.

**AS 2750:** Locks the sash on closure with two additional spring loaded latches in both additional lock cases. Two hookbolts ensure high levels of security and impressive sealing compression. Equipped with soft-lock latches as standard.

**AS 3500:** Automatic locking of two upward travelling hookbolts provides automatic security. Equipped with soft-lock latches as standard.

**AS 3600:** The combination of automatic falling bolt and automatic hook bolt permits four-way locking part in both accessory lock cases.

AS 2300

AS 2500  
VdS B

AS 2600  
VdS B

AS 2750  
VdS B

AS 3500  
VdS C

AS 3600  
VdS\*



\* in preparation



## Handle-operated multi-point locks.

Handle-operated multi-point locks require a door handle on the inside and outside and are locked by pulling the handle up. A single key turn will block the multi-point lock. It is unlocked again by turning the key once.

### All the benefits at a glance:

- Nickel-plated latch and locking bolt
- Adjustable DIN direction
- Excellent compression
- Easy operation mechanism

### The right lock for every area.

**AS 4100:** Multi-point lock with comfort mushroom cams – particularly smooth-running and low-maintenance. Its rolling mushroom cam hooks behind the frame parts, providing better protection against break-ins.

**AS 4340:** All-round product, suitable for all materials, such as steel doors. Bolts prevent the door from being prised open.

**AS 4540:** Hook bolts lock from the bottom up, preventing the locking bolt getting stuck or seizing if the door becomes warped.

**AS 4640:** The bolt and hook bolt combination brings all the benefits together. The hook bolt reaches behind the striker plate and the bolt holds the hook bolt in place.



AS 4100

AS 4340

AS 4540

AS 4640



## 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 is characterised by standardised routing details of the different lock types. The advantages are obvious: simple to

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

### All the benefits at a glance.

#### **Advantages for the fabricator:**

- Identical routing details for sash and frame as well as all lock types
- Complete product range
- Solutions for special applications

#### **Advantages for the dealer:**

- Reduced warehousing levels of frame parts
- Products for all door materials: Timber, PVC, aluminium and steel

Striker plates

Locking rail

AS 2300

AS 3500

EP 960



## The service lock: A quick solution for defective door locks.



**LOWER MILLING COSTS: FLAT COUPLING LOCATED IN THE U-PROFILE FACE PLATE IN THE PROFILE.**

**DIFFERENT MAIN LOCK SETS FOR KEY AND HANDLE-OPERATED MULTI-POINT LOCKS.**

**RS 1100   RS 1300   RS 1500   RS 1600**



### Flexible universal lock:

The service lock is the ideal solution to quickly repair and maintain doors for homes and apartments. As a universal system, it offers a cost-effective replacement for a variety of multi-point locks from KfV as well as other manufacturers. In addition to flexibility during assembly, it also reduces stockholding levels considerably, which has many advantages. The service lock can be used to repair all standard door leaf rebate heights from 1625 to 2400 mm. Handles can be installed in any position.

### All benefits at a glance:

- Special flat coupling point with SIEGENIA TITAN AF fine connecting teeth
- As a rule, the face plate is made of stainless steel for a high-quality appearance without corrosion on any cut edges
- Main lock set available separately in different backsets – far lower stockholding levels than other products
- 10 to 8 mm spindle square adapter sleeve included in the main lock set as standard
- Available with pins, hookbolts, or a pin – hookbolt combination

## The three-latch lock AS 2750: Three times the compression.



**VDS TESTING INSTITUTION CLASS B  
CERTIFICATE.**

**WITH TRIPLE SELF-CLOSING FUNCTION  
THANKS TO THE SPRING LOADED LATCHES.**

### **Simply pull it shut.**

The difference is two additional spring loaded soft-lock latches in the additional lock cases: Always locked with three latches, the AS 2750 protects constantly against door warping and even offers high basic security when unlocked. In addition, the key-activated lock, the hook latch combination prevents intruders breaking in or prising open the door. The easily operated gear ensures good compression sealing, as well as excellent heat and sound insulation.

### **All benefits at a glance:**

- Three latches impede break-in attempts due to the retracting movement of the latch
- Hook latch combination prevents against break-ins and the door being prised open for greater protection up to RC3
- Three soft-lock latches protect against door warping
- Optimum seal, heat and sound insulation
- With optional door security lock
- Locking rail E3Q allows combination with the daytime latch
- Suitable for apartment doors, residential front doors and the commercial sector

## Automatic multipoint lock AS 3500.



VdS



**VDS TESTING INSTITUTION CLASS C  
CERTIFICATE.**

**MAGNETIC TRIGGER IS SIMPLY CLIPPED ON.**

### **Easy and efficient.**

As the only automatic lock, the AS 3500 is a contactless solution 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. The wide range of options available offer maximum flexibility – from opening the door with a handle and key to operation via an access control system or the button on an intercom system.

The AS 3500 has now been certified by the VdS testing institution. Users do not even need to lock the door manually in order for their insurance cover to remain valid.

### **All benefits at a glance:**

- No problems closing warped doors
- Face plate made of high-quality stainless steel
- Main lock with maintenance-free soft-lock latch
- Available for door heights between 1600 and 2400 mm
- Latch can be easily reversed, making this a non-handed door
- Large mounting tolerances (airgap between face plate and striker plate between 2 and 6 mm) and height tolerances (+2 /-4 mm)
- Standard routings in sash and door frame, compatible with frame parts with Q adjustment
- Compression adjustment range for frame parts is 5 mm
- Modular structure saves on storage space
- Anti-intruder protection up to RC3 possible

# The automatic multi-point lock AS 3600.

NEU

UNLOCKED

LOCKED

VdS

**VDS TESTING INSTITUTION CERTIFICATE  
IN PREPARATION.**

**MECHANICAL TRIGGER:  
TWO ELEMENTS MOVING OUT TO 20 MM  
IN THE ACCESSORY LOCK CASES: 1 AUTO-  
MATIC SOFTLOCK ACCESSORY FALLING  
BOLT, 2 AUTOMATIC HOOK BOLT.**

## Automatic operation with 4 locking part elements.

With the new AS 3600, even two locking elements move out 20 mm. The automatic softlock auxiliary 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.

Combined with the A-opener, the motor-driven unlocking device, you receive safety and comfort.

## All the advantages at a glance:

- The new automatic multi-point lock offers all the benefits of the AS 3500
- Mechanical classification works with all faceplate materials
- Two locking elements moving out to 20mm in the accessory lock cases
- Counterpressure secured locking elements in the stop position



## Accessories for maximum flexibility AS 3500/AS 3600.

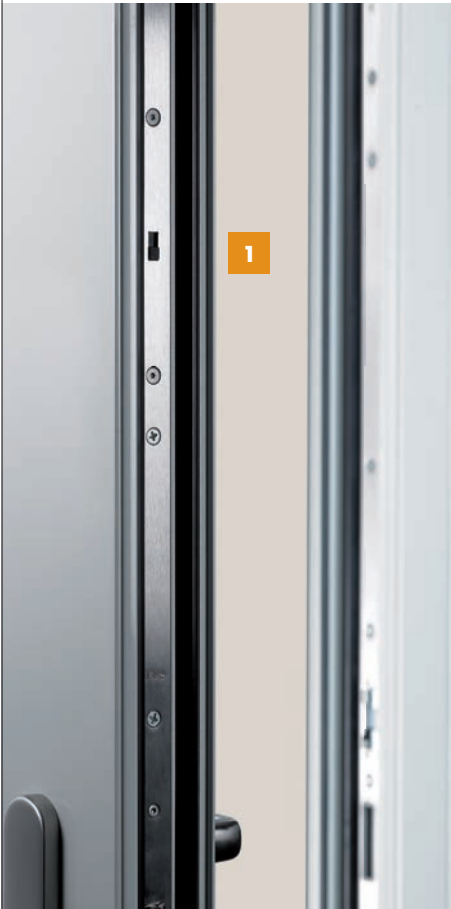


### The following options can be retrofitted:

- Daytime release
- Door security lock T3/T4
- Electric A-opener

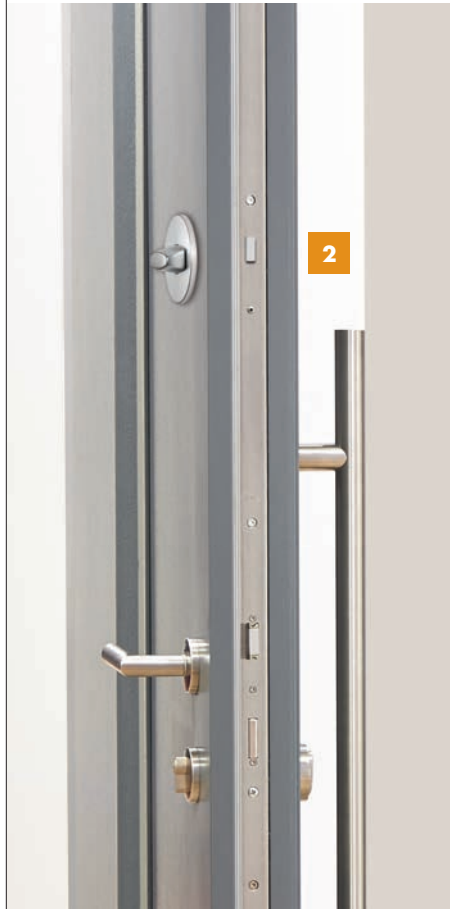
With the A-opener motor, the automatic multi-point locks AS 3500 and AS 3600 can be retrofitted to an electromechanical multi-point lock. This lets you combine the door with various control and access control systems, such as KfV fingerprint or KfVkeyless, in order to unlock these electronically. Moreover, the daytime release function lets you temporarily disable automatic locking part.

## Daytime release.



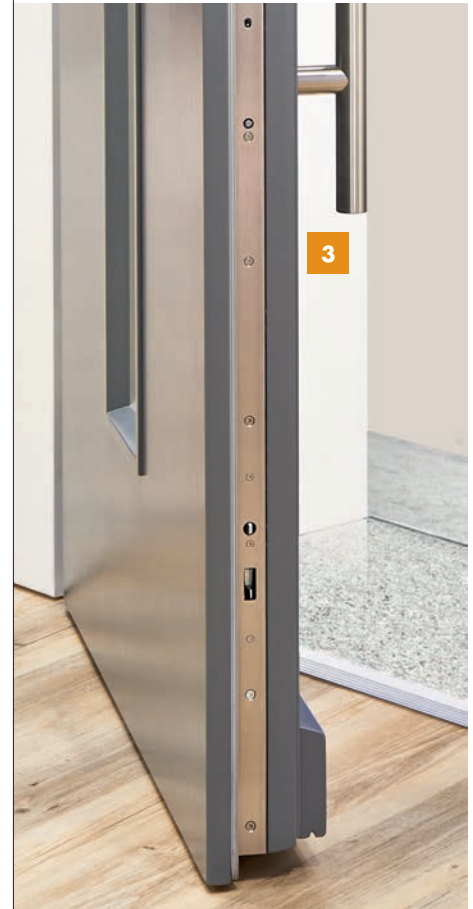
- Leave the house without a key: The automatic function can be deactivated by a locking lever
- Can be combined with the KfV daytime latch or the electric latch release in the middle striker plate – which activates the customary daytime release
- Can be retrofitted without remilling profiles with a eurogroove

## Door security lock T3/T4.



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

## Electric A-opener.



- Can be upgraded to an electromechanical multi-point lock: mechanical locking part → electronic opening
- Can be combined with various access control systems, e.g. fingerprint, KfVkeyless
- Compatible with cable transfers and accessories from the GENIUS line

## Latch adjustment.



- A clip is engaged through the side opening using a screw driver and the latch is removed or rotated
- Every multi-point lock can therefore be installed on the right or the left side
- The latch can be changed easily without opening the gear box

## Soft-lock latch.



- With high-quality, abrasion-resistant plastic coated latch
- Increased comfort with a quiet locking sound
- Maintenance-free since the latch does not need to be lubricated

## Swing door roller latch.



- The door can be opened by pushing on the finger plate from the outside
- 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 face plate

## Door security lock.



- Protection from unwanted guests
- No door chain installed on the door leaf means the door surface is not scratched
- Locks from inside using the swivel knob
- Special feature: the position of the swivel knob is coordinated with the backset
- Open from the outside with one turn of the key in the locking direction
- Sprung index pin with 12.5 mm deadbolt to compensate for airgap tolerances
- Non-handed lock
- Available in combination with key-activated multi-point locks AS 2300, AS 2500, AS 2600 for timber, aluminium or PVC exterior doors

## Keep bolt.



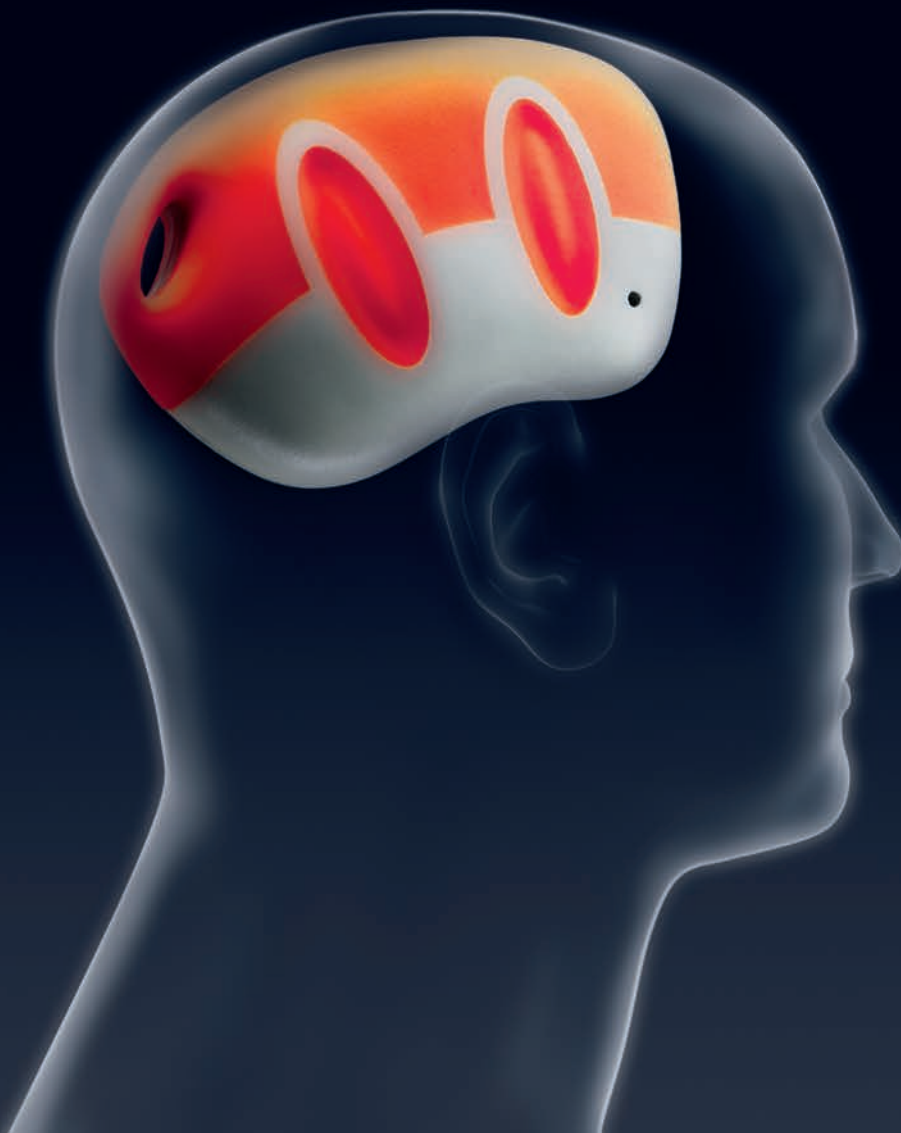
- Installed in the inactive leaf of double sash entrance doors
- Two-part hardware: a locking rail able to drive shoot bolts that extend 20 mm upwards and downwards to lock the door
- Combined with mechanical and electronic multi-point locks
- Easy to lock and unlock using the handle
- Thick bolts makes it particularly secure
- Ordered for right or left side installation according to the DIN direction of the active leaf

## Additional lock.



- Prepared for profile cylinder
- Additional bolt operated separately
- Can be operated by a swivel knob from the inside
- 15 mm deadbolt projection
- Available mandrel sizes 35, 40, 45, (50), 55, 65 mm mandrel
- Retrofitting possible on all multi-point locks AS 2300, AS 2500, AS 2600 with „T0“ hole group

Some call it ingenious.  
We call it GENIUS.



## Convenience and security at the push of a button.

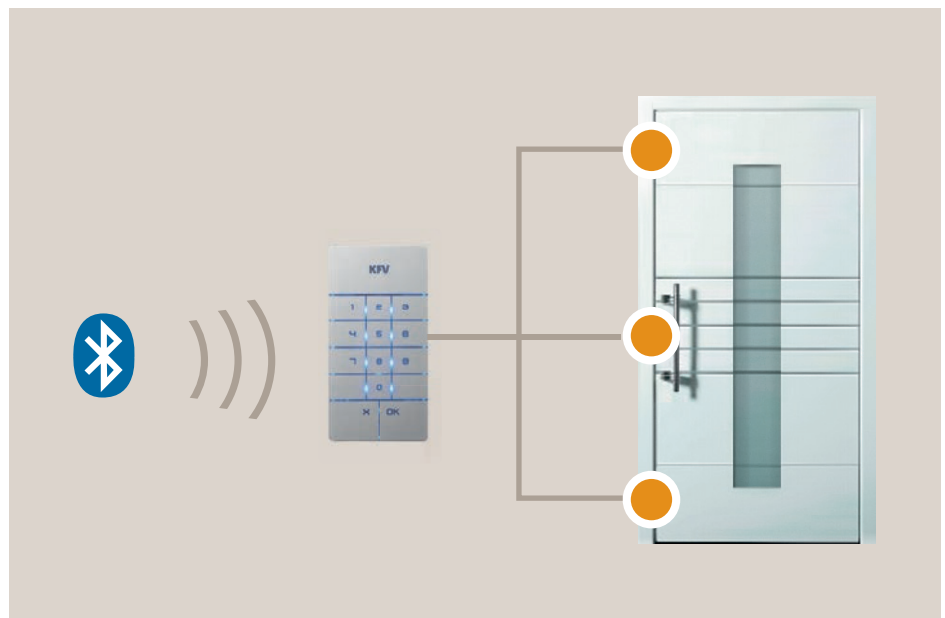
### **New improved GENIUS:**

now it is even faster and quieter. GENIUS is our mechatronic release system. It combines the security properties of a mechanical multi-point lock with the convenience of modern electronics. At the same time, GENIUS can be combined with access control systems and numerous other applications, thus providing a variety of individual solutions. Depending on the design, it is suitable for use in both private houses as well as commercial and industrial projects.

### **Convenient and accessible.**

GENIUS puts an end to the daily hassle with keys. For apartment buildings with a front door that is locked at night, GENIUS offers greater convenience. For example, in the event of late evening visitors, the front door can be easily unlocked via an intercom system – and then locked automatically when the door closes.

In particular, GENIUS makes life easier for the elderly or those living with a disability. When combined with a swing door drive, doors can be opened and closed fully at the touch of a button.



**THE INNOVATIVE KPVkeyless ACCESS CONTROL SYSTEM MAKES CONTACTLESS CONTROL OF THE MAIN AND SIDE ENTRANCE DOORS USING BLUETOOTH TECHNOLOGY NOW A REALITY.**

**ALTERNATIVELY, DOORS CAN BE OPENED AT ANY TIME BY ENTERING A CODE ON THE KEYPAD.**

GENIUS-MOTOR

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 fingerprint recognition or the new KfVkeyless system which can be controlled by its own smartphone app.

#### **Transponder remote control**

The GENIUS transponder version lets you issue up to 99 access keys. Transponder systems require no batteries and only the programming must be changed when your keys get lost.

#### **Wireless remote control**

Our GENIUS remote control communicates wirelessly with the control electronics. The advantage of a wireless remote control is its long range. This lets you have a comfortable handle on the doors of your house.

#### **Fingerprint**

The GENIUS fingerprint recognition is as unique as your fingerprint. You can program it to, for example, open a door with the imprint of your finger and lock the door with the imprint of your index finger or even arm an alarm system. It is designed for up to 99 memory spaces, does not need a separate electronic diagnostics and can be installed with minimal cabling.

**Optional:** convenient app for user and system administration.

#### **KfVkeyless**

The KfVkeyless electronic control system, as a user-friendly app, provides a solution that combines comfortable and safe use. Doors can be opened automatically via the Bluetooth function of the authorised standard mobile phone or, alternatively, via code input on the keypad. Registered mobile phones and door codes can be easily managed by smartphone or tablet PC.

#### **TRANSPONDER REMOTE CONTROL**



#### **WIRELESS REMOTE CONTROL**



#### **FINGERPRINT**



#### **KfVkeyless**





## Frame-integrated power supply.

**NEW**



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

## Cable transfer.



- Cable transfer for concealed door leaf installation
- Door leaf lift-off via a safety screw on the cable transfer
- Easy maintenance, assembly and service work based on simple plug-in connectors
- Separating, assembling/disassembling doors without the help of a qualified electrician
- 6-pin plug-in connector with shielded cable
- Protection class IP 67 (against water penetration)
- Turning functionality remains intact
- Cable transfer only accessible when the door is opened
- Opening angle: 100° or 180°

## Cable transfer.



- Concealed installation of the cable transfer in the door leaf (min. 22 mm)
- Doors can be lifted off by loosening the safety bolt and disconnecting the integrated 6-pin plug-in connector
- Socket side and plug side molded cable at the cable transition end pieces
- Cable transfer is accessible when opening the door
- Reduced time and effort during installation
- Detachable plug-in connector with safety bolt
- 6-pin plug-in connector with shielded cable
- Protection class IP 67

Our locks:  
Master of the resistance classes.



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

KFV offers a wide range of locks for commercial and residential buildings. Here you will find the right lock with the desired resistance requirements for every door, and all with the best quality of workmanship: With reinforced steel pins for a high level of protection against sawing, solid construction and high-quality processed face plates. If you cannot find the appropriate lock in our DIN range, then take a look at the locks for special requirements. Both categories share one main characteristic: market-ready innovations.

**Door to door security.**

**Class 1:** For doors that are opened infrequently – for example, storeroom doors.

**Class 2:** For doors that are opened regularly – for example office doors.

**Class 3:** For doors that are opened frequently in commercial applications – for example doors in public buildings.

**Class 4:** For doors that are opened very frequently in commercial applications and with increased anti-intruder protection – example doors in public buildings.

**Quiet, quieter, soft-lock.**

For doors that are opened countless times every day, a particularly quiet locking noise can be an important selling point for a lock. With our soft-lock you hear barely more than a pleasant click thanks to the stable plastic coating of the latches and internal noise absorption. All of that, without a reduction in durability or security.



## We leave nothing out: DIN standard locks.

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

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 face plate versions. As you can see, our DIN standard locks feature not only outstanding workmanship, but also a wide product range.

**MORTISE DOOR LOCK, CL. 1**



**MORTISE DOOR LOCK, CL. 2**



**MORTISE DOOR LOCK, CL. 3**



**MORTISE DOOR LOCK, CL. 4**



**LATCH DEADBOLT LOCK**



**DEADBOLT LOCK**



**SWING DOOR ROLLER LATCH DEADBOLT LOCK**



## 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 hook bolts, radius bolts, locks for radiation protective doors and a number of additional special locks, e.g. for panic and fire protection areas.

**LOCK FOR RADIATION  
PROTECTIVE DOORS**



**SLIDING DOOR LOCK**



**SLIDING DOOR LOCK**



**SWING DOOR LOCK**



**LATCH LOCK**



**MAGNETIC LOCK**



### **The power of the magnet.**

What makes this piece of hardware so clever is that it is in line with the gear box when the door is open and is therefore virtually invisible. The operating principle of the magnetic lock is as simple as it is effective. Powerful magnets draw the latch, which retracts into the gear box, into the striker plate and hold it in place. The result is that it is extremely quiet. The use of magnetic force avoids the noise of the latch hitting the striker plate, which would otherwise be heard when closing the door.

### **All the benefits at a glance:**

- No flat striker plates required
- Easier to install
- No protruding corners and edges when open
- Latch triggered by magnetic field – doors lock silently
- Latch does not strike the frame – no wear
- Rotating magnetic latch backing in the striker plate enables contact pressure control
- Magnetic slide in the striker plate – automatic adjustment for warped doors
- Maintenance free and smooth-running

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





## Fire rated, emergency exit, panic exit.

### The turning point in an emergency.

In an emergency, every second counts. This is why KfV offers a full range of locks and multi-point locks that are characterised by maximum security, simple handling and powerful innovation.

Whether you require emergency exit locks in accordance with EN 179 or panic door locks in accordance with EN 1125, you can rely on the many product advantages of KfV. For example the 20 mm deadbolt projection with only one half turn of the key or mortise door locks, latch and deadbolt locks and multi-point locks.

### Powerful innovation: the double sash panic door locks from KfV.

KfV has revolutionised the manufacturing process for double sash panic exit doors. The easy to install three-part solution minimises milling costs and hugely reduces the time required to produce an emergency secondary sash. The hardware in the side part accommodates the locking element of the active leaf. If the operating unit on the inactive leaf is activated, the main leaf automatically unlocks and the element can be used as an emergency escape with its full opening width. The inactive leaf hardware locks automatically on closing. Available for all current secondary sash profiles for timber, PVC and metal.

### Further product advantages in detail:

#### Cylinder with and without free-running cam.

- Cylinders with fixed or free-running cams as well as mechatronic cylinders with cross sections to DIN 18252 can be installed
- The maximum permissible position of the cam in the key withdrawal positions is 30°



#### Adjustable escape direction and DIN direction.

- Right, left and escape sides are individually adjustable thanks to the simple latch switch
- All locks and multi-point locks are universally suitable for EN 179 and EN 1125 applications

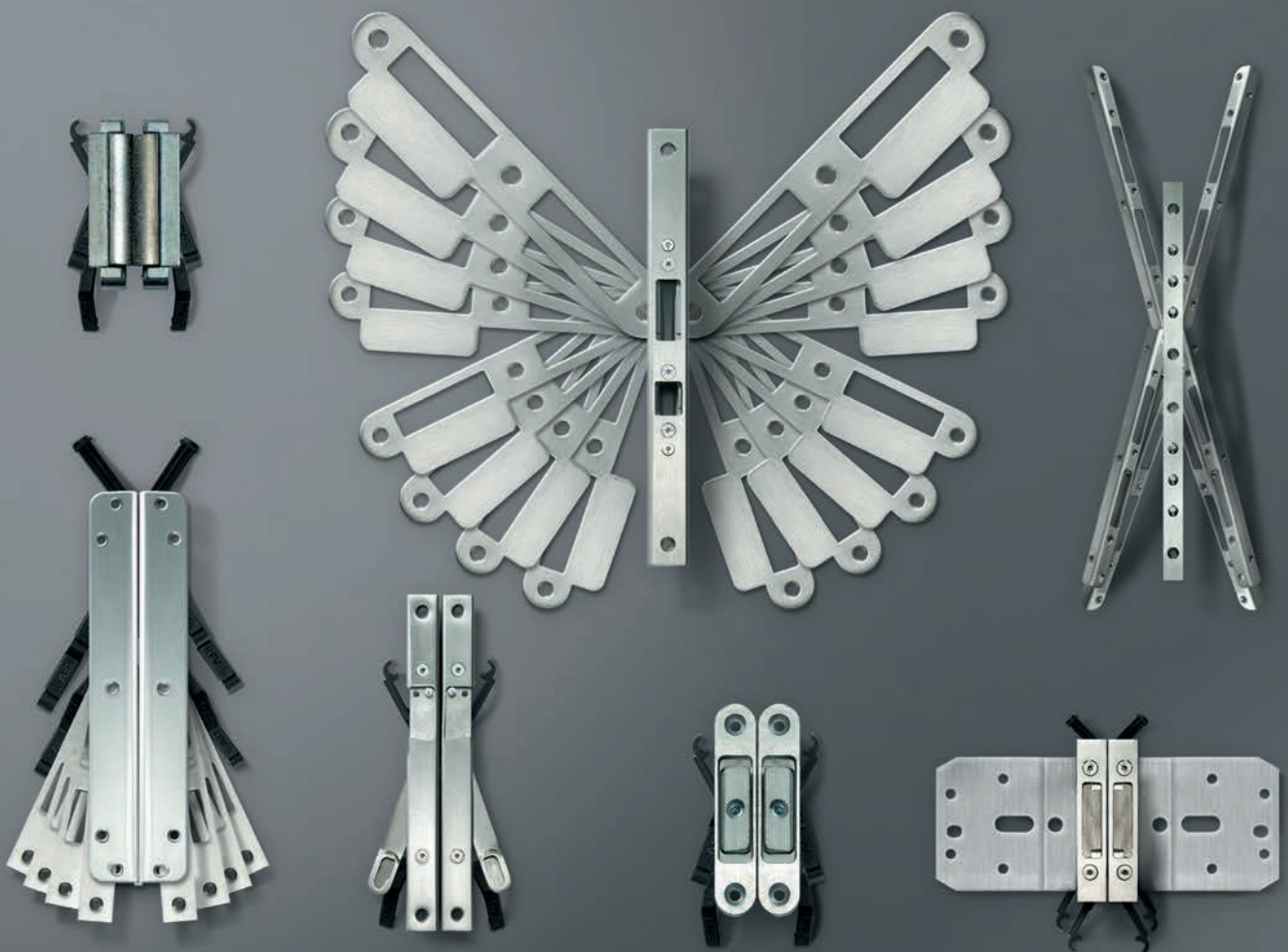


#### All locking functions are possible.

- All locks and multi-point locks are available in all three locking functions (B, D or E)
- Keyless opening in the escape direction is always possible



Variety frames our product range.



## The right type for every task.

For any profile system and any door profile: Variety frames our product range. However, our innovations are what set us apart from the competition. For example our new compression control. Its large adjustment range (+/- 2,5 mm) makes it the best product on the market for shallow installation depths. A remarkably high level of compression guarantees effective protection, for example against strong winds and driving rain.

The new, visually appealing deadbolt backing can be conveniently clipped in 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.



## Electronic latch release.



- Specially designed for the AS 2750 triple latch lock
- Is combined with three standard electronic latch releases
- Cabling is on the frame side
- The electronic latch release can release all three auxiliary latches

## Striker rail.



- Continuous striker creates an elegant appearance
- Simple installation, as only one part needs to be attached
- Various latch receivers are available, providing excellent compression control
- With eccentric compression control for bolts and hooks

## Individual striker plates.



- Flexible application
- Cost-effective and simple installation
- Various latch receivers are available, providing excellent compression control
- With eccentric compression control for bolts and hooks

### Lock case.



- Adjustable alternatives to our striker plates and strikers
- Specifically designed for use with timber

### Angle striker plate.



- For main entrance doors to houses and apartments
- Can be combined with various latch receivers
- With punching for electronic door openers

### Daytime latch.



- More cost-effective than an electronic door opener
- For retrofitting or for standard use with KfV accessories
- Main lock latch releases using mechanical locking
- Locking slider makes installation simple
- Minimal installation depth

### 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

### Hinge side security device.



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

### axxent door hinge: fully concealed.



- For aluminium doors up to 120 kg
- Simple 3D adjustment
- Two-piece hinge with frame and sash part
- Door leaf can be easily installed and removed
- Easy to clean

More products. More from SIEGENIA.



## TITAN

### A framework for innovations.

Our hardware solutions for timber, PVC and aluminium windows combine intelligent product details with numerous options for saving both time and money. Alongside their superb breadth of functions and security credentials, they also keep logistics to a minimum and streamline production processes.

With its axxent hardware range, SIEGENIA has come up with a new generation of concealed products which firmly focus on the demands of contemporary architecture. In axxent, powerful design meets powerful technology.

The ALU axxent aluminium system is a consummate example: in addition to its flawless aesthetics and extreme durability, it also offers all the benefits of our ingenious modular system.



## PORTAL

### Making light work of heavy doors.

Our PORTAL sliding door solutions deliver an uncompromising blend of design freedom, convenience and security, for all weight classes. Suitable for timber, PVC and aluminium alike, their particularly smooth action ensures that you do not need to choose between the airy feel created by large glazed areas and ease of operation.

Discover an astonishing spectrum of intelligent sliding doors, as typified by our HS PORTAL lift & slide system – it allows opening widths of up to 12 metres to be achieved, with a low threshold which, in terms of thermal insulation, far exceeds the minimum requirements.



# **SIEGENIA®**

brings spaces to life

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