AUTOSAFE 835
AUTOTRONIC 836
The automatic locking systems for increased security
The next generation of automatic locking systems.

The new series of multipoint locking systems autosafe 835 and autotronic 836 are based on the proven concept of the automatic locking autosafe product family. The result: increased door security with smarter operating comfort. Designed for use in the private and public sector, it allows a wide variety of applications. Even the mechanical design scores with optional possibilities for extension. In addition, the motorised variant offers increased comfort and integration into home automation. Emergency exit door designs are also available – even for fully motorised and automatically opening double-leaf full panic doors. Additional upgrade options are guaranteed through the retrofittable motor drive and all FUHR radio access control systems.

Your benefits:

- Novel combination of bolts for reliable locking process
- Robust latching bolts for optimum locking sequence and tightness
- Even more security due to sturdy hook bolts
- High locking process reliability thanks to the unique, process-controlled DuoSecure technology
- Convenient opening with two-step opening process
- Proven tamper-proof and dirt-resistant magnetic release
- Full product range for every requirement: standard, motorised and panic locks (1- and 2-leaf)
- Flexibility on request by retrofittable or pre-assembled motor drive
- Suitable for use with existing system solutions – same cut-outs, same frame components
Security
The new multipoint locking systems autosafe 835 and autotronic 836 with their type 10 latching bolt/hook bolt combination ensure the greatest possible security when locking the door. The door locks automatically and reliably at several points thanks to the new DuoSecure technology.

Due to the existing design, the automatic multipoint locking systems are suitable for system tests for burglar resistance according to EN 1627 to RC 4.

Comfort
The automatic function eliminates the cumbersome locking process because it secures the door with every closing. This also puts an end to discussions about ensuring the front door of the apartment building is locked at night. The motorised opening function is equally comfortable and, with the autotronic 836, is also possible for instance via the home intercom system.

Even barrier-free solutions in accordance with DIN 18040 can be implemented without difficulty, for example due to a low handle height of 850 mm or the integration of an electric swing door drive.

Energy
Thanks to the constantly effective multipoint locking system, door warping is permanently prevented, thus ensuring constant tightness. This means that the heat stays in the house, conditioned air does not escape, and outside noise is excluded. A comfortable living environment and lower energy costs are the consequences.

Therefore, the automatic locking system also offers the best conditions for success in the tightness tests with regard to wind, water and air – without re-locking.
Reliable door security

- Automatically closed – without the need to lock up
- The door is always multipoint locked
- Robust hook bolts ensure reliable security by gripping into the strike plates
- Stable latching bolts provide contact pressure and tightness
- In addition to the hook bolts, the latching bolts serve as further locking elements and as anti-lift-out protection for even more comprehensive security against breakage through force

- The latching and hook bolts automatically extend to 20 mm and are secured against being pushed back
- The latching bolts have a counter-pressure device in two positions thanks to DuoSecure technology
- The key can also be used to block the lever and extend the main deadbolt – ideal to prevent children from leaving the house unnoticed, or for the control of other functions by means of a deadbolt switching contact

Security – tested and certified several times.
Demonstrably secure, the new type 10

- Suitable for system tests according to EN 1627 up to RC 4
- Certified according to SKG, 2/3 stars
- Technical requirements for multipoint locking systems according to DIN 18251-3, class 5
- Tested according to prEN 15685
- VdS approval, class C
- Meets the requirements of the product standards for the CE marking of doors according to EN 14351-1
- Particularly suitable for achieving high classes of tightness tests according to EN 12207, EN 12211, EN 1027
- Suitable for fire-resistant doors according to EN 1634
- Tested according to EN 14846 for electromechanical locks
- Certified according to EN 179 for emergency exit doors
- Certified according to EN 1125 for panic doors
Our type 10 – we have made the locking system more intelligent.

**DuoSecure – increased security**

The special combination of automatic latching and hook bolts works with the new DuoSecure mechanism and combines the benefits of proven technology and increased security. The two-step release of latching and hook bolts allows, among other things, improved locking performance in demanding thermal conditions or critical installation situations.

<table>
<thead>
<tr>
<th>10 mm</th>
<th>20 mm</th>
<th>13 mm</th>
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The automatic latching bolt ensures tightness and keeps the door in place.

The latching and hook bolts automatically extend to 20 mm and are secured against being pushed back.

Contrary to conventional automatic locks, the hook bolt locks even if the latching bolt can extend only to 13 mm. Even in this position, the latching and hook bolts are prevented from being pushed back.

**The special DuoSecure effect:**
Where standard automatic locking systems reach their limits, autosafe 835 and autotronic 836 with type 10 locking system can lock safely and reliably.
Robust release principle

High-quality, low-wear and dirt-resistant magnets ensure long-lasting automatic locking. The latching and hook bolts, which are tamper-proof and process-controlled by magnetic technology, will only extend when the door closes.

Your benefits with DuoSecure:

- Doubly secure due to automatic latching and hook bolts
- Particularly effective protection thanks to the stable hook bolt
- Secured against being pushed back in a number of ways
- Reliable locking with unique DuoSecure technology
Reliable **DuoSecure** locking. Intelligent details, combined with precision.

The multipoint locking system with automatic latching and hook bolts and profile-related one-piece and standard system strike plates are perfectly fitted. The latching bolt has a special contour with a thickness of 11 mm. This keeps the door in position, ensures optimum contact pressure, and allows the hook bolt to run in absolutely smoothly. Both locking elements in combination ensure comprehensive security and tightness. Both latching and hook bolt powerfully extend to 20 mm and are secured against being pushed back.

**Tight closing – without re-locking**

- 11 mm strong latching bolt keeps the door in position and ensures contact pressure
- The stable hook bolt ensures security
- The wide box allows non-contact run of the hook bolt
- Tamper-proof and dirt-resistant magnetic release

WWW.FUHR.DE
DuoSecure for all materials.

Every door material has its own special requirements for locks and frame components. The automatic multipoint locking systems **autosafe 835** and **autotronic 836** have been specially matched for this. Thanks to DuoSecure technology, doors of all materials can now lock automatically and securely, even under the most demanding thermal conditions or in critical installation situations. Even in cases where conventional automatic locks reach their limits, the type 10 locking system offers the certainty of a door that is always closed securely – even without re-locking. Another benefit for doors of all kinds is that it achieves higher security levels due to five locking elements.

Aluminium/Steel

Timber

uPVC

Material-specific information: [www.fuhr-systemloesungen.de](http://www.fuhr-systemloesungen.de)
Convenient opening

So that the door can be easily opened with the key in any situation, there is a smart solution – two-step opening. This innovative mechanism leads to low, even operating forces. Both with the key and with the lever.

From the outside: effortlessly via the cylinder

A two-step opening sequence makes it child’s play to retract all locking elements and open the door.

The latching bolts are retracted by only 10 mm and the hook bolts are already completely retracted.

Then, the latching bolts and the main latch are fully retracted and the door can be opened.
Convenient opening via access control systems

In addition, the autotronic 836 can also be opened very easily by motor, for instance from the inside via a home intercom system or from the outside with modern access control systems.

From the inside: just via the lever

During usual lever operation, the main latch, the latching bolts and the hook bolts are retracted.
Completely new – not just a new type. Proven technology combined with innovative ideas.

**autosafe 835 – outstanding characteristics**

- **Smooth and secure closing** – thanks to noise-insulated interior and DuoSecure technology for additional safety.
- **Retrofittable motor drive** – provides maximum flexibility in responding to customer requests.
- **Wide range with proven technology** – successfully completed durability tests with more than 200,000 operating cycles document the longevity.
- **Tamper-proof, wear-free and dirt-resistant magnetic release** of the latching/hook bolt combination.
- **Great tolerance compensation** through the use of high-performance magnets.
- **Comfort latch** – for a smooth closing process.
- **High energy savings** thanks to consistent sealing due to adjustable standard strike plates and automatic locking.
- **Retrofittable motor drive** – provides maximum flexibility in responding to customer requests.
autotronic 836 – outstanding characteristics

Control LED for the outside of the door – can be connected directly to the motor drive.

Assembled motor drive – the autotronic 836 is equipped with a factory-fitted motor drive.

Patented double motor principle – already proven many times in the autotronic 834 and multitronic 881 series. It provides quick and powerful release within half a second. Tested with 500,000 operating cycles.

Radio receiver module – optional for receiving a radio signal for opening the door without separate control. Can be plugged onto the motor drive and connected directly there.

Intelligent motor drive with reed switch – allows easy use of spring-loaded contacts and ensures immediate release of the latch and the latching bolt directly after the door opening.

Universal connection options directly on the motor connector – for example, for access control systems or illuminated glazing elements.
The FUHR automatic series – variety for all doors.

Efficient processing is guaranteed because the cut-outs and screw holes are identical for all products.

For private/public buildings and single-leaf emergency exit doors

(autosafe 835/835P)
(autosafe 835SP)
(autotronic 836/836P)

For double-leaf emergency exit doors

(autosafe 835P/835PK)
(autotronic 836P/836PK)

WWW.FUHR.DE
Multipoint locking systems for private and public doors

**autosafe 835**
Automatic multipoint locking system

**autosafe 835TF**
Automatic multipoint locking system with day latch function

**autosafe 835SP**
Automatic multipoint locking system with integrated access restriction. Can also be deactivated from outside via the main lock

**autotronic 836**
Automatic multipoint locking system with motorised unlocking

**autotronic 836PK**
Automatic panic multipoint locking system with integrated switching contacts for the monitoring of deadbolts, levers and/or cylinders, for example, for integration in burglar alarm systems. Also for convenient motor support when opening by lever or cylinder with servo technology

VdS

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Multipoint locking systems for single- and double-leaf emergency exit doors

**autosafe 835P**
Automatic panic multipoint locking system

**autotronic 836P**
Automatic panic multipoint locking system with motorised unlocking

**autosafe 835PK**
Automatic panic multipoint locking system with integrated switching contacts for the monitoring of deadbolts, levers and/or cylinders, for example, for integration in burglar alarm systems

**autotronic 836PK**
Automatic panic multipoint locking system with motorised unlocking and switching contacts for the monitoring of deadbolts, levers and/or cylinders, for example, for integration in burglar alarm systems. Also for convenient motor support when opening by lever or cylinder with servo technology

VdS
The automatic locking system with type 10. Always suitable.

Optional design variants

Description

Automatic multipoint locking system. Suitable for main and side entrance doors made of aluminium, timber and uPVC.

- With secondary locks type 10 – automatic latching bolts with steel hook bolts
- Prepared for profile or round cylinder, no free-running cylinder needed
- Right- and left-hand use by simple latch changeover
- Fire-resistant design optionally available
- Available with panic function B and E (autosafe 835P and autotronic 836P)
- Available with switching contacts and panic function E (autosafe 835PK and autotronic 836PK)

Technical details

- **Faceplate options:**
  Flat 16, 20 and 24 mm, U 22 x 6, 24 x 6, 24 x 6.7 and U 30 x 8 mm
- **Surface:**
  FUHR Silver, FUHR Silver ground finish and stainless steel
- **Backset:**
  35, 40, 45, 50, 55, 65 and 80 mm
- **Follower:**
  8 and 10 mm, 9 mm (panic function E and B)
- **Centre:**
  Profile cylinder 92/72 mm, Round cylinder 94/74 mm
Numerous accessories – variety of solutions without additional effort

**NEW: retrofit motor**
for **autosafe 835/835P/835PK**. Retrofitting with **autosafe 835TF** only in connection with a mechanical door strike without release lever.

**Access restriction lock**
can be retrofitted; to restrict opening of the door; can only be operated from the inside.

**Additional deadbolt lock**
can be retrofitted; as an independent deadbolt from the main lock.

**Extension**
for door heights up to 4,000 mm.

**Panic push bars**
according to EN 1125, aluminium or stainless steel.

**Panic fittings**
according to EN 179, aluminium.

**Cable for servo technology**
for **autotronic 836PK** for motorised support when opening by lever and/or key.

**Cable for switching contacts**
for **autosafe 835PK/autotronic 836PK** for lock monitoring.

**Fully motorised inactive leaf opening**
available on request.
One for all – system technology for flexible and efficient processing.

The new system frame components can also be used universally for key operated and automatic locks as well as panic and motor designs with locking types 4 and 11. Now also for the new locking type 10. This means consistently low storage requirements for retailers and processors, and, at the same time, increased flexibility through even more diverse application options. The FUHR frame components offer the well-known and proven system advantages as well as an appealing look for upgrading the door rebate area.

**Your benefits:**

- A universal frame component for all lock types
- Optimum tightness due to adjustable locking boxes made of metal
- Efficiency in production
- Economic storage
- Safety in processing through system components
- Flexible response to customer requests
- Reliable longevity through high-quality materials
- Attractive appearance in the door rebate

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**Type 4/10/11**
One-piece system strike plate

**Type 4**
Automatic deadlocking latch

**Type 10**
Automatic latching and hook bolts

**Type 11**
Hook bolt with dual round bolts
Type 4/10/11
One-piece system
strike plate

Type 4
Automatic
deadlocking latch

Type 10
Automatic latching
and hook bolts

Type 11
Hook bolts with
dual round bolts

autosafe 833 / autotronic 834 series

multisafe 855GL/870GL / multitronic 881GL series

autosafe 835 / autotronic 836 series
Optional accessories for frame components.

**Type 10 magnet release**
- For use with locks of type 10
- Suitable for all one-piece and standard system strike plates

**Type 4 magnet release**
- For use with locks of type 4
- Suitable for all one-piece and standard system strike plates

**Contact magnet**
- For use with the FUHR motorised locks **multitronic** and **autotronic**
- Suitable for all one-piece system strike plates

**Deadbolt switching contact**
- Strike plate contact for monitoring the locking status
- Simple retrofitting – without screwing
- VdS approval, class C

**Deadbolt switching contact type 4/10/11**
- For monitoring the locking status of additional bolts
- Simple retrofitting
- VdS approval, class C

**Electric strikes**
- For use with **autosafe 835TF** with day latch function
- Symmetrical
- With radius latch and special latch component
- Left-/right-hand use
- Universal voltage range
- Wide design variety

**Mechanical door strikes**
- For use with **autosafe 835TF** with day latch function
- With or without release lever
- Symmetrical
- With radius latch and special latch component
- Left-/right-hand use

**Radio receiver for electric strikes**
- For use with **autosafe 835TF**
- Remotely opens doors fitted with electric strikes via FUHR access control systems
- Works with FUHR door strikes and all other standard door strikes
- Comes with radio master key
- Ideal for retrofitting
In addition to secure, automatic locking, **autotronic 836** offers a wide range of convenient opening options thanks to its high-quality motor drive: via the home intercom system, with the FUHR radio access systems or via any other access control system, including SmartHome solutions. The numerous connection options on the motor and the optional control open up innumerable perspectives for use.

**autotronic 836 – sheer variety**

- Comfortable, powerful motorised opening through access control systems
- Fast motorised unlocking within half a second
- Motor drive with LED connection for optional locking indicator on the outside of the door
- Integrated reed contact for the motor control
- Easy to add FUHR radio access control systems
- Using the intelligent control allows further expansion steps as object-specific solutions, for example:
  - permanently open function
  - electronic deactivation of the access control systems
  - swing door drive function
  - door leaf position detection
- Also available as panic locking system for single- and double-leaf emergency exit doors according to EN 179 and EN 1125

All functions of the autotronic 836 can also be achieved by retrofitting the motor drive to the autosafe 835.
The FUHR autotronic 836, with its motorised opening and versatile connection options, offers the optimum solution to meet even the most demanding requirements. Both for new buildings and for integration into existing objects. The modular individual components can be installed very quickly and easily via plug & play.

**Operating comfort through access control systems**

The system concept of the FUHR automatic programme makes it easy to integrate the various FUHR access control systems. What they all have in common is: They ensure high operating comfort, impress with their reliability, and are particularly easy to install thanks to radio technology.
Radio access control systems for individual operating comfort.

**SmartConnect easy**
Easy door opening and monitoring via smartphone. Intelligent access control system using Wi-Fi. Controls FUHR motorised locks, garage doors, electric strikes, shutters, lighting and much more.

**SmartTouch comfort access system**
No more searching for a key – the SmartKey in your pocket is enough. The KeylessGo feature provides keyless opening comfort by a simple touch on the stainless steel door handle. Alternatively also available as activation sensor.

**Radio fingerprint scanner**
Keyless biometric access control with 2-channel technology for opening of, for example, front door and garage. Designed to meet your requirements:
- multiscan
- multiscan VdS – for certified locking systems
- multiscan go – for comfortable programming by remote control

**Radio transponder reader**
Easy way of opening doors and garage doors via transponder that only needs to be held in front of the reader. Set consisting of 2 master and 3 user transponders. With 2-channel technology.

**Radio keypad**
Can open door and garage door via two individually programmable 4- to 8-digit codes. With separate button for a radio bell.

**Radio keys**
Remote opening with 3- or 4-channel technology, for example of front door, side door, garage door and driveway gates.