

FUHR automatic locks

The automatic locking system that just simply can't be forgotten!



FUHR

FUHR automatic locks

Well-proven quality with flexible application diversity

Built-in security

The comprehensive FUHR product range of automatic locks is the ideal and well-proven solution for everywhere where security is paramount. Thanks to the high-quality locking points in the **multisafe** and **autotronic** series, locking doors simply cannot be forgotten anymore and the discussions about locking up at night time in apartment buildings are over and done with.

The reliable multipoint locking systems in combination with the automatic function protect at all times against uninvited guests. Additional, the familiar unlocking operation from the inside e.g. via the lever-handle is standard operation. Child safety lock or night-time locking: a simple key turn suffices and the internal lever handle is blocked.

Superior operation

An additional functional advantage of the automatic lock is the constant prevention of door distortion (warping). This is how the multipoint locking system has a positive effect on the faultless service life of the doors. Furthermore the automatic function helps to save energy to a significant degree. This criteria continues to gain importance in the choice of locking systems.

All products in the **multisafe** and **autotronic** series are available for efficient and user-friendly applications in main entrance doors and construction project doors made of PVC, aluminium and timber.

Quality meets service

What the locks in the **multisafe** series transformed into a classic on the market is naturally also the basis for the success of the **autotronic** products. Selected materials are processed under high quality standards and guarantee durable functionality.

Continuous tests in national and international testing institutes assure technically perfected products with state-of-the-art technology. The FUHR sales representatives are delighted to answer any questions on-site concerning the application.

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We would be pleased to send you detailed information of our current FUHR products or simply have a look at our website
WWW.FUHR.CO.UK

Logical functions for easy operation

FUHR multisafe locks automatically and opens simply

The same on the inside and outside

The innovative mechanics facilitate convenient opening by means of slight and consistent operational forces on the key and also on the lever-handle.

Close securely

- 1 When the door is closed over, the latching deadbolts extend automatically to 20 mm and are safeguarded against being pushed back.
- 2 The main deadbolt can be protracted with one turn of the key – the lever-handle blocks for control purposes or as a child safety lock.

Open conveniently

- 3 The door is opened by means of the lever-handle – the latch and latching deadbolts are retracted.
- 4 In the first phase of the operation via the profile cylinder's key, the latching deadbolts are retracted by 10 mm.
- 5 After the second phase the latch and latching deadbolts are completely retracted and the door can now be opened.



The FUHR multisafe series as modular system

Well thought-out solutions for single and double sashed door systems

The correct solution for every application

With these flexible possible applications, the strike plates and one-piece strike plates with appealing aesthetics provide a suitable lock version for nearly all installation circumstances. And in the process a high level of locking convenience is guaranteed with +/- 2 mm strike plates adjustability.





Efficient door production with the FUHR French door locks for:

- multisafe 843 – PVC doors
- multisafe 844 – aluminium doors
- multisafe 846 – rebated timber doors
- multisafe 847 – flush timber doors

The FUHR multisafe series with convincing details

Numerous technical finesses result in perfect interplay:
the 'convenience' locking system

Simply more convenience

Always locked, because the conventional locking procedure via the key is no longer required

Soft closing – the high-quality PVC inserts in the latching deadbolts result in perceptible soft closing

Wear-free, dirt resistant, durable and quiet, as the triggering of the latching deadbolts is carried out without making contact by means of a magnet

Noise insulating internal mechanism in the latch-dead-bolt casings for exceptionally quiet closing

Closing-friendly thanks to the tapered latch rear-side

Increased thermal insulation due to the constant gasket-compression from 3 locking points, this results in lower energy losses and possible door distortion (warping) is permanently prevented

High-quality materials safeguard the durability

High-performance magnets provide large levels of tolerance absorption

High-quality surfaces – FUHR Silver and Stainless Steel are highly resistant and provide the door with harmonious aesthetics

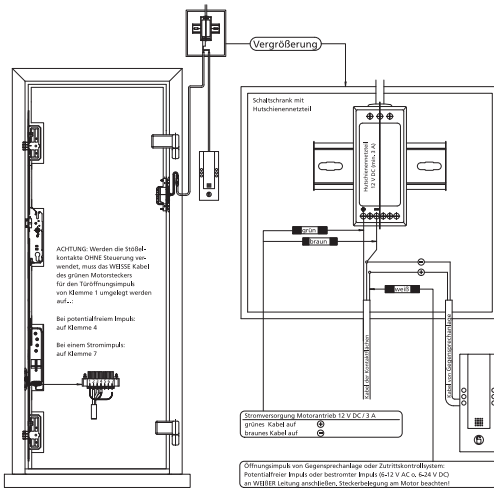


The FUHR autotronic series with motorised unlocking

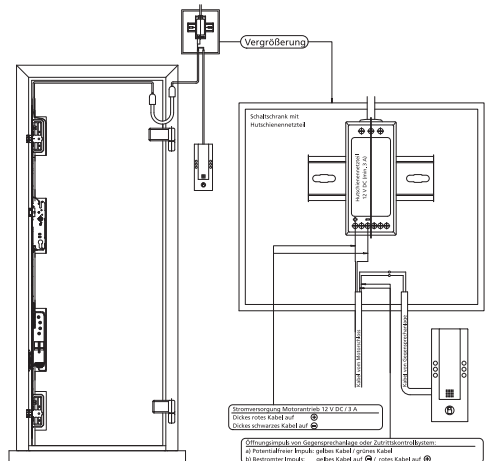
For convenient applications in apartment buildings or construction projects

Installation examples

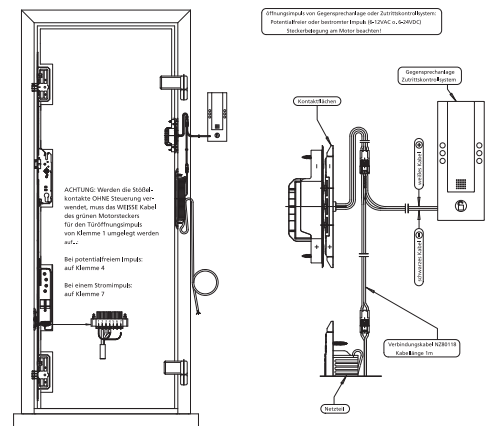
The large applications spectrum of the **autotronic** series as automatic multipoint locking system with electromotive unlocking is depicted below with different installation options. Various versions for apartment buildings without control unit (standard) or with control unit (for project business) can be implemented.



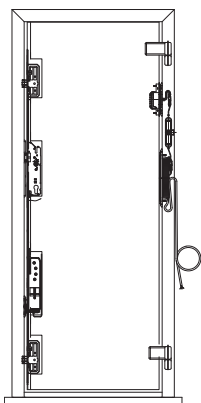
Version 2 – Standard, with tappet contact



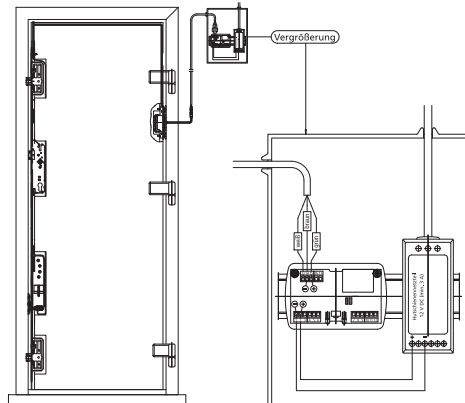
Version 1 – Standard, with cable junction



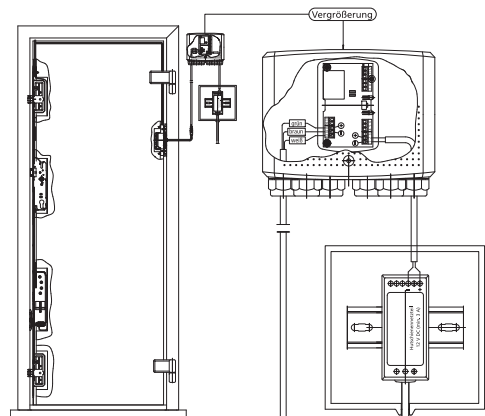
Version 3 – Standard, with tappet contact and switching power supply unit on the frame



Version 4 – Project – All-inclusive for installation in the door



Version 5 – Project, All-inclusive with DIN rail components



Version 6 – Project, All-inclusive with surface-mounted control unit

multisafe 833

Automatic multipoint locking system

Description

Automatic multipoint locking system for residential building and project applications:

- Increased security thanks to the automatic locking system that just simply can't be forgotten!
- Robust latching deadbolts with 20 mm protrusion and counter-pressure device
- With just one turn of the key, the night-time locking mode is activated; the internal lever handle is blocked and the main deadbolt is protracted
- Increased burglary protection thanks to the combination of the multipoint locking system and the automatic function
- Increased thermal insulation and prevention against door distortion (warping) as the door is constantly locked
- Non-handed use thanks to easy latch and automatic deadbolt conversion

Function

When closing over the door, two robust latching deadbolts extend automatically and bring about a multipoint locking system, that just simply can't be forgotten! It is

opened from the inside by operating the lever-handle, and from the outside via the profile cylinder key.

Technical details

- **Faceplate versions:** Flat 16, 20 and 24 mm
U 22 x 6, 24 x 6 and 24 x 6.7 mm
- **Surface-finishes:** FUHR Silver and Stainless Steel
- **Backset:** 35, 40, 45, 55 and 65 mm
- **Spindle size:** 8 and 10 mm
- **Follower PZ distance:** 92 mm / KABA 94 mm

Retrofittable options

- 1 Soft latch – for increased locking comfort, durable and quiet
- 2 Additional deadbolt - a deadbolt independent of the main lock as a further security component
- 3 Access restrictor - independent of the main lock, with spindle or profile cylinder hole; for additional security against uninvited guests because of the limited door opening

Optional version

Fire protection version



(multisafe 833



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multisafe 833SP

Automatic multipoint locking system with access restrictor

Description

Automatic multipoint locking system with integrated access restrictor for use in single-family houses as well as in apartment entrance-doors:

- Additional security with its limited door opening
- Convenient unlocking from the exterior side of the door via the main lock is possible
- Appealing door aesthetics remain intact, as there is no need for chains or surface-mounted locks
- Installation and user-friendly; can be used on both DIN left and right handed doors

Function

The door can easily be additionally locked and unlocked via the turning knob on the inside (2). The access restrictor

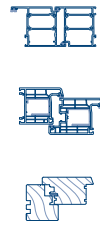
can be unlocked from the outside with the cylinder key via the main lock (3).

Technical details

- **Faceplate versions:** Flat 16, 20 and 24 mm
U 22 x 6, 24 x 6 and 24 x 6.7 mm
- **Surface-finishes:** FUHR Silver and Stainless Steel
- **Backset:** 35, 40, 45, 55 and 65 mm
- **Spindle size:** 8 and 10 mm
- **Follower PZ distance:** 92 mm / KABA 94 mm

Retrofittable options

- 1 Soft latch – for increased locking comfort, durable and quiet



multisafe

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multisafe 833P

Automatic multipoint locking system with panic function

Description

Emergency exit door lock with automatic multipoint locking system and panic function for project applications:

- Single and double emergency exit doors in accordance with DIN EN 179 with lever-handles
- Single and double emergency exit doors in accordance with DIN EN 1125 with panic exit bar
- In fire protection version

- With 9 mm straight spindle (panic function E)
- With 9 mm split spindle (panic function B)
- No non-restricted cylinder required
- 2 leafed version with panic keep, switching lock and self-locking shoot bolts for aluminium doors

Function

Upon closing the door all latches and the main deadbolt extend automatically. It is opened from the inside by operating either the lever-handle or the push bar, and

from the outside via the profile cylinder key. With panic function B, the exterior lever-handle can be activated or deactivated via the profile cylinder key.

Function on the 2 leafed version

Upon closing the door all latches and the main deadbolt extend automatically. Unhindered escape from inside by operating the lever-handle or push bar; on both the active leaf as well as on the passive leaf. When opening the passive sash in an emergency, the panic lock keeper's connecting-rods are retracted and all of the active leaf's locking points are retracted simultaneously.

The connecting-rods automatically latch in this position. As a result, hindering closing the passive leaf is prevented and also the floor coverings cannot be damaged. Only when the passive leaf is closed, does a switch lock automatically trigger locking the rods at the top and bottom.

Technical details

- **Faceplate versions:** Flat 16, 20 and 24 mm
U 22 x 6, 24 x 6 and 24 x 6.7 mm
- **Surface-finishes:** FUHR Silver and Stainless Steel

- **Backset:** 35, 40, 45, 55 and 65 mm
- **Spindle size:** 9 mm straight spindle, 9 mm split spindle
- **Follower PZ distance:** 92 mm / KABA 94 mm

Optional version

Controlled latch locking device via the cylinder key on panic function E (without approval of fire protection)



(multisafe 833P



autotronic 834

Automatic multipoint locking system with motorised unlocking

Description

Automatic multipoint locking system with electromotive unlocking for convenient applications in apartment buildings or construction projects:

- Locking is carried out automatically-mechanically upon closing over the door
- The locked door can be opened using the motor-driven function – easily via the intercom system
- The motorised opening function can be deactivated by triggering the main deadbolt - the internal lever handle is then blocked
- LED connection for the exterior side of the door is prepared for the drive unit as standard
- No non-restricted cylinder required
- With integrated dry reed contact for the motor control unit
- Thanks to the **autotronic** control unit, more project-related enhancement level solutions are possible. These provide e.g.: permanently-on function, electronic disabling of the access control systems, revolving door drive function or door leaf position detection.
- Straightforward add-ons with the FUHR radio-controlled access control modules (radio key, fingerprint scanner, transponder reader, keypad, wall-mounted push-button switch)

Function

Upon closing over the door, two latches extend automatically and become robust latching deadbolts with 20 mm protrusion. It is opened from the inside by operating the lever-handle, and from the outside via the

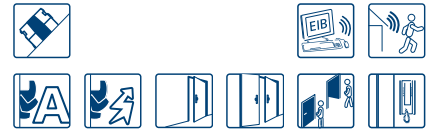
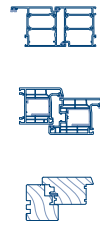
profile cylinder key. In addition, a remote opening function is possible via the intercom system. The door can also be opened via the FUHR radio-controlled access control modules or any other access control system.

Technical details

- **Faceplate versions:** Flat 16, 20 and 24 mm
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- **Surface-finishes:** FUHR Silver and Stainless Steel
- **Backset:** 35, 40, 45, 55 and 65 mm
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Retrofittable options

- 1 Soft latch - for increased locking comfort, durable and quiet
- 2 Access restrictor - independent of the main lock, with spindle or profile cylinder hole; for additional security against uninvited guests because of the limited door opening
- 3 Additional deadbolt - a deadbolt independent of the main lock as a further security component
- 4 Radio receiver module - attachable on the drive, for use with the radio-controlled access control modules without control unit
- 5 **autotronic** control unit - with integrated radio receiver and standard connection options for project and commercial applications



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autotronic 834P

Automatic multipoint locking system with motorised unlocking and panic function

Description

Emergency exit door lock with automatic multipoint locking system, electromotive unlocking and panic function for project applications:

- Single and double emergency exit doors in accordance with DIN EN 179 with lever-handles
- Single and double emergency exit doors in accordance with DIN EN 1125 with panic exit bar
- In fire protection version

- With 9 mm straight spindle (panic function E)
- With 9 mm split spindle (panic function B)
- No non-restricted cylinder required
- 2 leafed version with panic keep, switching lock and self-locking shoot bolts for aluminium doors

Function

Upon closing the door all latches and the main deadbolt extend automatically. It is opened from the inside by operating either the lever-handle or the push bar, and from the outside via the profile cylinder key. In addition it is possible to open by means of the FUHR radio-

controlled access control modules or any other access control system. With panic function B, the exterior lever-handle can be activated or deactivated via the profile cylinder key.

Function on the 2 leafed version

Upon closing the door all latches and the main deadbolt extend automatically. Unhindered escape from inside by operating the lever-handle or push bar; on both the active leaf as well as on the passive leaf. When opening the passive sash in an emergency, the panic lock keeper's connecting-rods are retracted and all of the active leaf's locking points are retracted simultaneously.

The connecting-rods automatically latch in this position. As a result, hindering closing the passive leaf is prevented and also the floor coverings cannot be damaged. Only when the passive leaf is closed, does a switch lock automatically trigger locking the rods at the top and bottom.

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Optional version

Controlled latch locking device via the cylinder key on panic function E (without approval of fire protection)



autotronic 834P



Optional accessories for FUHR autotronic

Every product is transformed into an individual solution with the FUHR automatic lock enhancements

Modular system

The complete FUHR product range is characterised by its modular design. This warrants efficient production and individual features. Enhancing safety and convenience

can be implemented both very straightforward and at any time with the numerous individual components.

autotronic accessories

- 1 Radio key - multifunctional hand-held transmitter with numerous possible applications, up to 25 radio keys can be tuned in to a control unit, with 2 channel technology
- 2 Radio fingerprint scanner - modern, biometric system with a high level of security, up to 200 fingers can be tuned in to a control system, with 2 channel technology
- 3 Radio transponder reader - non-contact code transmission of car key and transponders, up to 200 transponders can be tuned in to a control unit, with 2 channel technology
- 4 Radio keypad - access authorisation with 4 - 8 digit opening code, with 2 channel technology
- 5 Radio-controlled wall switch - door opening operation at the touch of a button from any desired location on the inside, battery-operated
- 6 Radio receiver module - attachable on the drive unit, compatible with all FUHR radio-controlled modules. As a result the use of a separate control unit is no longer required. The cable connection is carried out directly on the drive unit's coupler. 2 wire technology to the power supply is adequate, 25 radio transmitters can be tuned in
- 7 Radio transmitter for flush-mounted installation - battery-operated 4 channel radio transmitter, incl. battery. Can be connected in behind every mechanical range of switches or e.g. in wheelchairs in an armrest integrated key control panel
- 8 Power socket radio receiver - designed for use with two-pin earthed plug-sockets. For triggering existing electrical drive units via radio key, e.g. garage doors
- 9 Power socket radio gong - designed for use with two-pin earthed plug-sockets. For receiving a signal from the radio keypad or the wall-mounted push-button switch. Also suitable for audible lever-handle monitoring in conjunction with a lever-handle contact and built-in transmitter
- 10 Universal adapter - an option to connect up existing control units on site, e.g. garage door drive units
- 11 Indicator LED for the exterior side of the door. Can be used optionally as a visual indicator of the locking status
- 12 Cover caps, silver or stainless steel, for the control unit with sliding switch and connection cable - allows manual activation of the "permanently-open" function

More accessories such as e.g. tappet contacts for wireless electricity and data transfer, various control units or DIN rail components are available. Find out about the numerous possibilities of conveniently enhancing all FUHR products.



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All images, dimensions, product and design related information represent the latest version at the time of printing. We reserve the right to changes that serve the purpose of technical progress and further development. Model and product claims cannot be lodged.

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in our extensive catalogue "Security
systems for doors, windows and
gates" or at:
WWW.FUHR.CO.UK

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