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DOOR TECHNOLOGY



SECURY ePOWER Home



Motor-driven multi-point lock Installation and maintenance instructions

Translation of the German original version

Securing technology for you



SECURY ePOWER Home

Motor-driven multi-point lock



Table of contents

Notes regarding these instructions.....	Page	4
1. Safety instructions and definitions.....	Page	5
1.1 Warning symbols	Page	5
1.2 Safety instructions	Page	5
1.3 General information on multi-point locks.....	Page	7
2. Product description	Page	9
2.1 General product features.....	Page	9
2.2 Function	Page	10
2.2.1 Latch keeper	Page	10
2.2.2 Electric strike.....	Page	11
2.2.3 Interchangeable latch piece TOE ET8.....	Page	12
2.3 Application range	Page	13
2.4 Technical data	Page	14
2.5 Components and accessories.....	Page	15
2.6 Intended use.....	Page	16
3. Preparation for use	Page	17
3.1 Safety instructions	Page	17
3.2 Installation advice	Page	18
3.3 Setting the "Key-Controlled Latch Holdback (GFF)" ..	Page	20
3.4 Electrical installation	Page	21
3.4.1 Electrical connection	Page	21
3.4.2 Wiring sketch	Page	26
3.5 Signal transmitter setting	Page	27

4. Commissioning	Page	28
4.1 Safety instructions for the functional check	Page	28
4.2 Functional check of the multi-point locks	Page	28
4.2.1 Testing the basic functions of the multi-point lock	Page	29
4.2.2 Checking the daytime release function (TF)	Page	30
4.2.3 Check of function "Key-controlled latch holdback" GFF..	Page	30
4.3 Error description and remedy	Page	31
5. Maintenance and cleaning	Page	32
5.1 Special safety advice	Page	32
5.2 Maintenance and cleaning	Page	32
6. Disposal	Page	33
7. Declarations of Performance	Page	34
8. Acceptance certificate	Page	34

Please hand this document over to the user!

SECURY ePOWER Home

Motor-driven multi-point lock



Notes regarding these instructions

These instructions contain important notes which must be followed in order to prevent danger, to reduce downtimes and repair costs and to ensure reliability and long lifetime.

The instructions must be read carefully by every person handling the product, e.g., during

- mounting and electrical installation
- start-up, operation and maintenance

The instructions must be handed over to the operator once the installation is complete. Instruct all operators/responsible persons to read the instructions.

Read this instructions carefully through before the first operation and keep it for future reference.

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Responsible for all instructions of Gretsch-Unitas GmbH Baubeschläge is its technical office in 71254 Ditzingen, Germany.

1. Safety instructions and definitions

1.1 Warning symbols



DANGER denotes a dangerous situation which, if ignored, could lead to death or serious injury.



WARNING denotes a dangerous situation which, if ignored, could lead to death or serious injury.



CAUTION denotes a dangerous situation which, if ignored, could lead to injuries.



ATTENTION denotes a situation which could lead to material damage.



NOTE denotes a statement which is informative in nature.

1.2 Safety instructions



Warning regarding electrical voltage!



Danger to life due to electric shock!

Low-voltage lines (e.g. 24 V) and power lines must be laid separately!

Flexible cables must not be plastered over; free-hanging cables must be installed with strain relief.

Observe standards and regulations for extra-low voltage during installation and laying of cables.

SECURY ePOWER Home

Motor-driven multi-point lock



Danger to life due to electric shock!

Do not connect the locks to 230 V!



Risk of fire from cable cross sections that are too small!

Use suitable cable cross-sections for the voltage.

These instructions are aimed at trained specialist personnel with knowledge of installing lock, door hardware and electronic components and provide information on how to install, start-up and operate these products.

The necessity to observe the instructions given in this manual must be pointed out to building contractors and users in order to prevent false installation and improper usage.

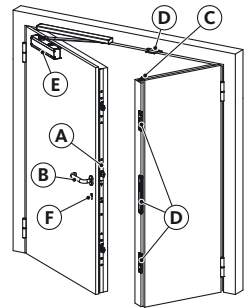
- The appropriate local installation specifications, directives and regulations must be followed. This applies especially to the VDE directives and regulations, e.g., DIN VDE 0100 and IEC 60364.
- No liability is assumed for damage arising from improper use, assembly and installation, and from use of non-original parts and accessories!
- It is necessary to ensure that only trained specialists (for the definition thereof see EN 50110-1, DIN VDE 0105 or IEC 60364) are charged with jobs related to the product (planning, transport, assembly, installation, start-up, maintenance, repair, dismantling).
- Moreover, it is necessary to ensure that the documents required for installation, start-up, operation, maintenance and repair of the product are made available to the specialists and observed by them duly.
- For safety and product approval (CE) reasons, the product must not be converted or modified.

- Before starting any installation, repair, maintenance or adjustment work, ensure that no voltage is applied to any of the power supply units and protect against unintended switch-on.
- Claims made under the warranty for damage caused by non-observance of these instructions will become invalid! No liability is assumed for consequential damages!

1.3 General information on multi-point locks

An exit device always contains:

- Ⓐ Lock or multi-point lock
- Ⓑ Hardware
- Ⓒ Accessories
- Ⓓ Keeper(s) (strikers/latch&deadbolt strikers/striker strips)
- Ⓔ Door closer
- Ⓕ Locking cylinder



Locking components

- When using the lock in fire rated/smoke protection doors, all components of the exit devices used must be listed in the EC certificate of conformity to EN 14846. This also applies to the subsequent installation of spare parts.
- Due to different frame designs, it may be impossible for the manufacturer to supply an appropriate keeper. In this case the fabricator takes over responsibility, in agreement with the manufacturer of the multi-point lock, to design and install an equivalent solution as demanded. You can find the approved striker contours on the installation drawing.
- Before installing the exit device, make sure the door is properly installed and is not warped.

SECURY ePOWER Home

Motor-driven multi-point lock



- The keepers must be able to receive the additional locks of the multi-point locking system freely and smoothly at all times, also when pre-load is applied to the door.
- Make sure that, when retracted, the locking elements do not protrude so far as to obstruct the movement of the door.
- The exit device must operate smoothly and easily.
If it does not move easily, this could be a sign of incorrect assembly or locked-up stress in the exit device.
- Make sure when using door gaskets that they do not impair the proper functioning of the exit device.
- Due to the design, other hole diameters or fixing types than those described which are not compatible with the recommended fixing materials may be required. The fabricator is responsible for verifying that the exit device has been fastened correctly in these cases.
- To guarantee a secure fixing of the hardware, a through-fixed screw connection is the most recommended installation.
- When using a door closer in a barrier-free construction according to DIN 18040, it must be ensured that the door closer does not prevent children or elderly or infirm persons from operating the door.
We recommend using a Gretsch-Unitas free-swing door closer for fire protection doors.
- Observe the installation, maintenance and operating instructions. It is particularly important to ensure that all keepers and covers are fully installed.
- Operators of such an exit device must be instructed about its intended use.
- All statutory regulations in relation to use of the exit device on fire and smoke protection doors remain fully valid.

2. Product description

2.1 General product features

- SECURY ePOWER Home is a multi-point locking system for modern house entrance doors.
- In normal mode, the motor-driven additional locking elements are retracted once the door is closed and are then secured against being pushed back.
- The lever handle can be blocked and unblocked.
- Suitable for use on fire and smoke protection doors.
- Suitable for door systems up to resistance class RC3 in accordance with EN 1627.
- Suitable for swing doors made of timber, metal and other material combinations.
- Suitable for 1-leaf door systems.
- Daytime release (TF) electrically connectable (with SECUREconnect 200 power and data transmission unit or a cable link).
- Key-controlled latch holdback (latch holdback: 'GFF'), electrically connectable
- Compatible with swing-door drives (e.g. from Gretsch-Unitas).
- Compatible with access control systems (e.g. from Gretsch-Unitas).
- The lever handle can be blocked by a function integrated in the lock case via the key (rotation in locking direction).
The lever handle blocking function is deactivated via the key (rotation in opening direction) or motor (with the opening signal).

SECURY ePOWER Home

Motor-driven multi-point lock



2.2 Function

Basic functions

Multi-point lock with motor-driven locking and unlocking.
If necessary the door can be opened by key.

The multi-point lock can be connected via SECUREconnect or via a cable duct.

2.2.1 Latch keeper

Equipment of the door

Outside: Push/pull handle/knob

Inside: Lever handle

NOTE

Wiring diagram on Page 23

Function "Normal operation"

- Operation of access control (pulse on control line ST).
 - The additional locks and main latch retract (confirmed by 2 signal tones).
 - The door can be opened.
 - The main latch is extended again after 3 s.
- Once the user has passed through, the door is shut.
 - The door is latched by the main latch and the additional locks extend after roughly 2 seconds (confirmed by 2 signal tones).
 - The door is locked.
- To pass through the door again, the access control must be actuated once more.

Function "Key-controlled latch holdback" GFF

- Activation of the key-controlled latch holdback (continuous signal at control line ST)
 - The additional locks and main latch retract (confirmed by 2 signal tones) and remain permanently retracted.

- The door can be opened.
- The key-controlled latch holdback is activated.

To deactivate the "key-controlled latch holdback (GFF)", the continuous signal at the ST control line must be deactivated.

2.2.2 Electric strike

Equipment of the door

Outside: Push/pull handle/knob

Inside: Lever handle

NOTE	Wiring diagram on Page 22
-------------	----------------------------------

Function "Normal operation"

- Operation of access control (pulse on control line ST)
 - The additional locks and main latch retract (confirmed by 2 signal tones).
 - The electric strike is activated (parallel activation of SECURY ePOWER Home and electric strike).
 - The door can be opened.
 - The main latch is extended again after 3 s. The door can be opened for as long as the electric strike is actuated.
- Once the user has passed through, the door is shut.
 - The electric strike is not activated.
 - The door is latched by the main latch and the additional locks extend after roughly 2 seconds (confirmed by 2 signal tones).
 - The door is locked.
- To pass through the door again, the access control must be actuated once more.

SECURY ePOWER Home

Motor-driven multi-point lock



Function "Daytime release (TF)"

- Activation of the daytime release (continuous signal at control line ST)
 - The additional locks and main latch retract immediately (confirmed by 2 signal tones).
 - The main latch extends again after roughly 3 seconds and the additional locks remain permanently retracted.
 - The electric strike is activated.
 - The daytime release function is activated.
- The door is then shut after it has been accessed (e.g. door closer).
 - The additional locking elements do not extend.
 - The door is latched by the main latch and held in the closed position by the electric strike.
- The door can be opened from the outside without access control.



2.2.3 Interchangeable latch piece TOE ET8

Equipment of the door

Outside: Push/pull handle/knob

Inside: Lever handle

NOTE

Wiring diagram on Page 23

Function "Normal operation"

- Operation of access control, key, switch, etc. (pulse on control line ST).
 - The additional locks and main latch retract (confirmed by 2 signal tones).
 - The door can be opened.
 - The main latch is extended again after 3 s.
- Once the user has passed through, the door is shut.
 - The door is latched by the main latch and the additional locks extend after roughly 2 seconds (confirmed by 2 signal tones).
 - The door is locked.

- To pass through the door again, the access control must be actuated once more.

Function "Daytime release (TF)"

- Activation of the daytime release (continuous signal at control line ST)
 - The additional locks and main latch retract immediately (confirmed by 2 signal tones).
 - The main latch extends again after roughly 3 seconds and the additional locks remain permanently retracted.
 - The daytime release function is activated.
 - Activation of the mechanical unlocking of the interchangeable latch piece TOE ET8.
- The door is then shut after it has been accessed (e.g. door closer).
 - The additional locking elements do not extend.
 - The door is latched by the main latch and held by the interchangeable latch piece with mechanical unlocking in the closed position.
- The door can be opened from the outside without access control.

2.3 Application range

SECURY ePOWER HOME	1-leaf door	
Function / use	Narrow stile doors, timber doors and PVC doors	
Lever handle lockable	■	
Approval EN 14846	■	
Fire/smoke protection approval	■	
RC2-/RC3 suitability	■	
Hole distance (distance in mm)	92, 94	72
Backset (mm)	35-65	55-80
Monitoring functions		
Additional lock (*)	■	
* Striker with RSK deadbolt monitoring contact		

SECURY ePOWER Home

Motor-driven multi-point lock



2.4 Technical data

- Operating voltage: 24 V DC, stabilised
- Current consumption: max. 1 A
- Residual ripple of voltage supply: max. 100 mVpp
- Duty ratio: 100 %
- Operating temperature: -10 °C to + 55 °C
- Storage temperature: -25 °C up to + 70 °C
- Relative humidity: up to 95 % at 40 °C non-condensing
- Protection code: IP30
- Corrosion protection: EN 1670 – Class 4
(Very high resistance = 240 h corrosion test)
- Environment protection class: III according to EN 50131-1
(Outside – covered or inside under extreme environmental conditions)

2.5 Components and accessories

Scope of delivery

- SECURY ePOWER Home multi-point lock
- Installation and maintenance instructions

Mandatory accessories

- SECURY ePOWER Home fixing accessories set K-19879-02

Optional accessories

- Switching power supply for mounting on top-hat rail 24 V DC, 1.3 A
- Cable link (detachable 10-pole version, e.g. from Gretsch-Unitas)
- SECUREconnect 200 wireless power and data transmission unit
- Electric strike
- Striker with RSK monitoring contact
- Emergency power buffer B 5490 0303
The emergency power buffer avoids undefined motor positions in the event of a power failure. It cannot be used as an emergency power supply or for continuous motor-driven actuation (only in combination with cable link).
- Uninterruptible power supply GU-USV 9-43187-00-0 (12–24 V AC, 14–24 V DC)
The GU-UPS ensures that there is sufficient power to project the additional locking elements once into its locked position even in the event of a power cut (only in combination with cable link). This prevents the multi-point lock entering an undefined state.

SECURY ePOWER Home

Motor-driven multi-point lock



2.6 Intended use

The SECURY ePOWER Home multi-point locking system is intended for vertically installed doors. The area of application is house entrance doors that must lock securely and be very easy to use.

The multi-point lock can be controlled via a potential-free contact (e.g. push-button, intercom, access control, time switch, etc.). The positive potential (+) of the operating voltage is connected to the control line (ST) of the multi-point lock via this contact. The programmed function TF (daytime release) or key-controlled latch holdback (GFF) is set via a continuous signal at the multi-point lock. The short-term release is activated via a momentary-contact signal (pulse).

Compliance with the manufacturer's specifications, in particular the instructions in the supplied installation and operating instructions, are a part of intended use. This is the only way to avoid damage.

Changes made to the multi-point lock without the approval of GU exclude the manufacturer's liability for resulting damages.

The product complies with the regulations of European Directives.

Furthermore, our terms and conditions apply.

3. Preparation for use

3.1 Safety instructions

If the power supply fails during motor-driven actuation, the motor stops and the additional locking elements remain in their current position.



For use with fire and smoke protection doors, the motor-driven multi-point locking SECURY ePOWER Home has to be connected to an appropriate emergency power supply!

This emergency power supply ensures the secure locking of the additional locking elements even in the event of a mains failure.

The additional locking elements can be moved to the unlocked position at any time by means of the alternating operation by the locking cylinder.

If it is necessary to ensure that the additional locking elements also lock securely when the power supply fails, the SECURY ePOWER multi-point lock must be connected to an emergency power supply (e.g. external emergency power supply).

ATTENTION

Connect only high-quality power supply units to the multi-point lock!

Low-quality power supply units can cause problems in operation.

SECURY ePOWER Home

Motor-driven multi-point lock



ATTENTION

Do not crimp or damage the cables!

Ensure that the cables are laid and the electrical connection of the multi-point lock is made with the plug connection in such a way that the cables cannot be crimped or damaged in the area of the lock or faceplate during installation.

Make sure that the cable is not damaged by fixing screws!

Junction boxes should be accessible for maintenance work.

Cable types, lengths and cross-sections must conform to the specifications.

3.2 Installation advice

- When installing the GU multi-point lock, refer to the GU installation drawing which is included in the scope of delivery and observe all information and instructions provided in the drawing.
The installation and milling dimensions are specified on the installation drawing, as well as approved hardware, strikers, latch&deadbolt strikers and striker strips.
We would be happy to provide you with the drawings, if needed.
- Make sure the exit device is complete and the individual components have been approved.
- We recommend using the wireless SECUREconnect 200 power and data transmission unit from the Gretsch-Unitas group as the cable link for routing the cable from the the door leaf into the door frame.
If you use a cable link, install it on the hinge-side of the door to avoid damage to the cable at any door position.
To allow the door leaf to be unhinged, it should be easy to disconnect the cable link from the hinge-side connecting cable at a later date (we recommend a disconnectable cable link by the Gretsch-Unitas group).

- Install the cable so that it cannot be damaged. The cable must not touch the connecting rods!
- When mounting the multi-point lock, lay cables in a loop in order to enable a subsequent removal.
- Make sure that the hardware is positioned correctly and that the fixing screws are tightened properly (i.e., not too tightly) to avoid malfunctions of the multi-point lock.
- The connecting rods must always be able to move freely behind the faceplate of the multi-point lock. For this reason:
 - Use fixing screws that are not too large.
 - Avoid screwing in the fixing screws at a cant.
 - Prevent hardware parts from becoming jammed.
 - Maintain a clearance to electrical cables.
- The additional locking elements must be able to glide into the strikers freely and without friction at all times.
- Using a clearance packer, for example, make sure that the leaf cannot be moved in relation to the frame from transport to installation of the door. This prevents damage to the locking points, for example.

SECURY ePOWER Home

Motor-driven multi-point lock

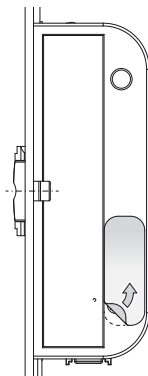


3.3 Setting the "Key-Controlled Latch Holdback (GFF)"

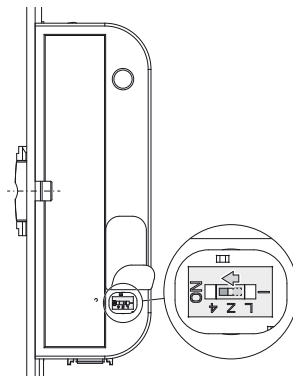
ATTENTION

The function "Daytime release TF" is preset in the delivery condition.

If the "key-controlled latch holdback (GFF)" function is due to be used, it must be set up before installation and connection to the multi point lock control unit.



1. Pull the sticker back until the DIP switch is visible



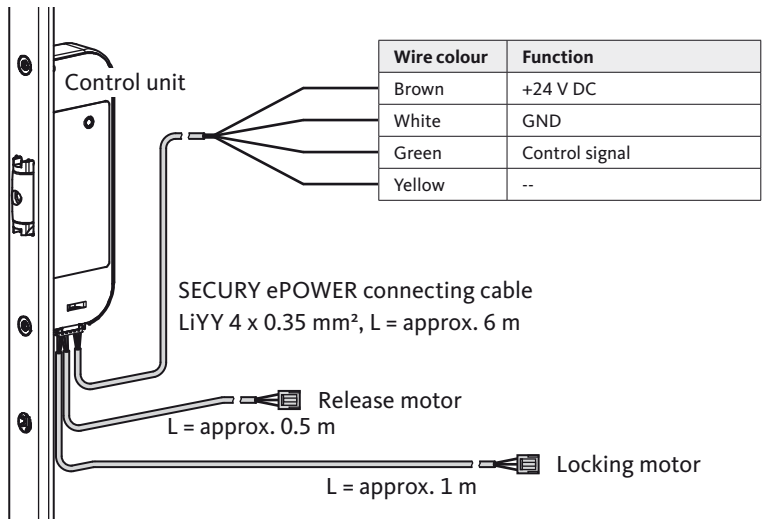
2. Use a small screwdriver to slide the DIP switch to the left into the position shown (4)
3. Cover the DIP switch with the sticker again

NOTE

When the "key-controlled latch holdback (GFF)" is activated, the main latch is permanently retracted, i.e., the door is not held in the close position. We therefore recommend using a GU door closer.

3.4 Electrical installation

3.4.1 Electrical connection



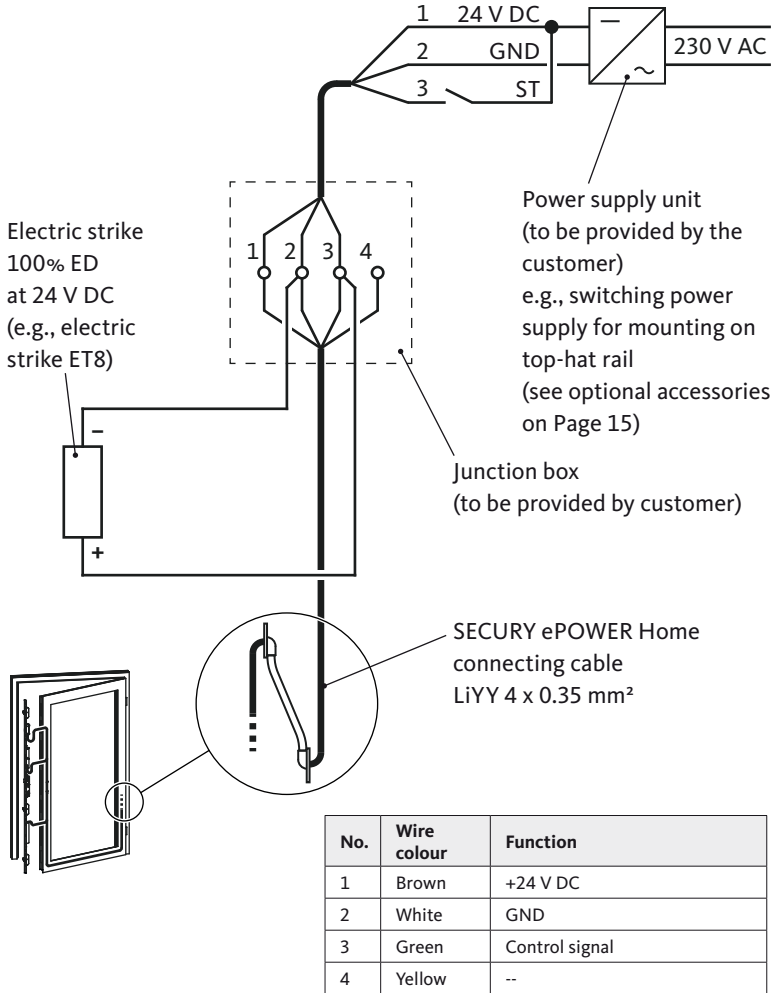
Terminal assignment SECURITY ePOWER HOME

ATTENTION

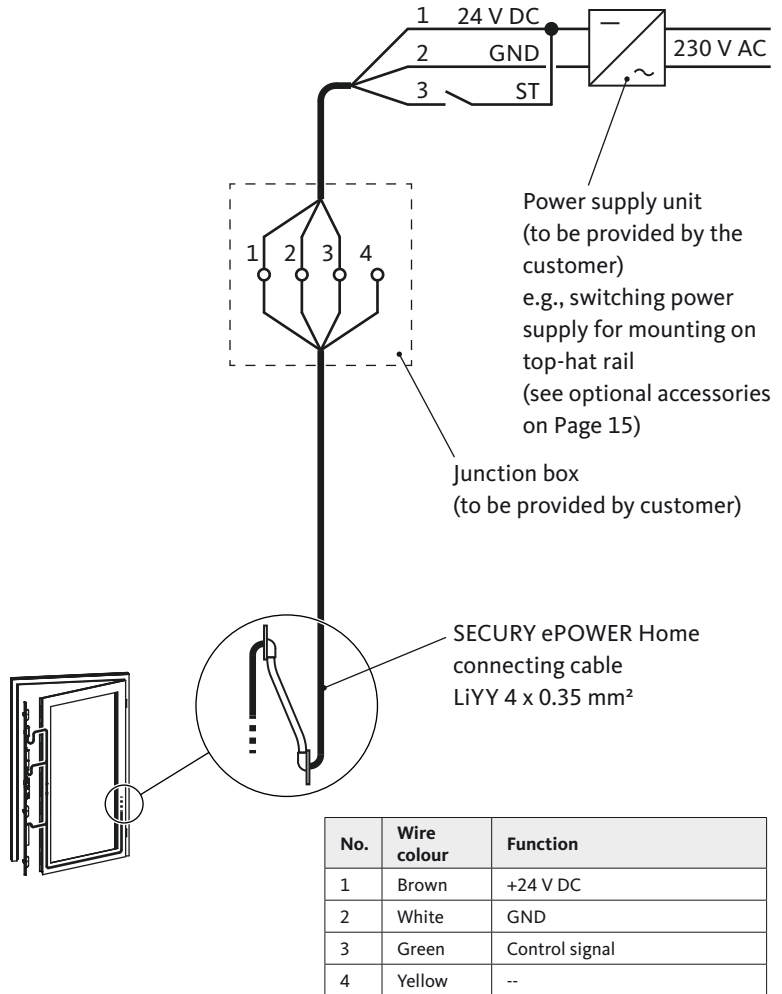
When finishing the installation, isolate all unused cables!

SECURY ePOWER Home

Motor-driven multi-point lock



Wiring diagram for SECURY ePOWER Home with cable link and electric strike



Wiring diagram for SECURITY ePOWER Home with cable link for latch keeper and interchangeable latch piece TOE ET8

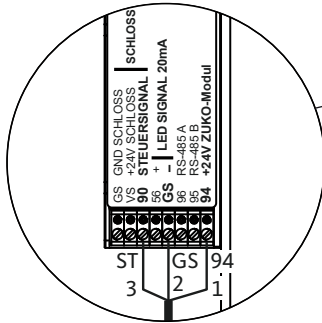
SECURY ePOWER Home

Motor-driven multi-point lock

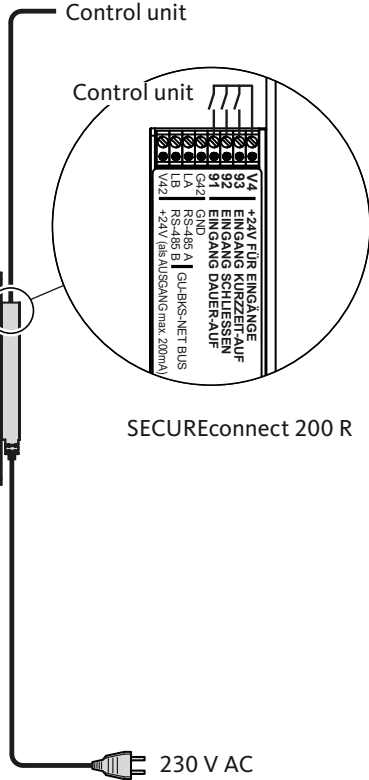
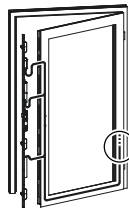


SECUREconnect 200 F

No.	Wire colour	Function
1	Brown	+24 V DC
2	White	GND
3	Green	Control signal (ST)
4	Yellow	--

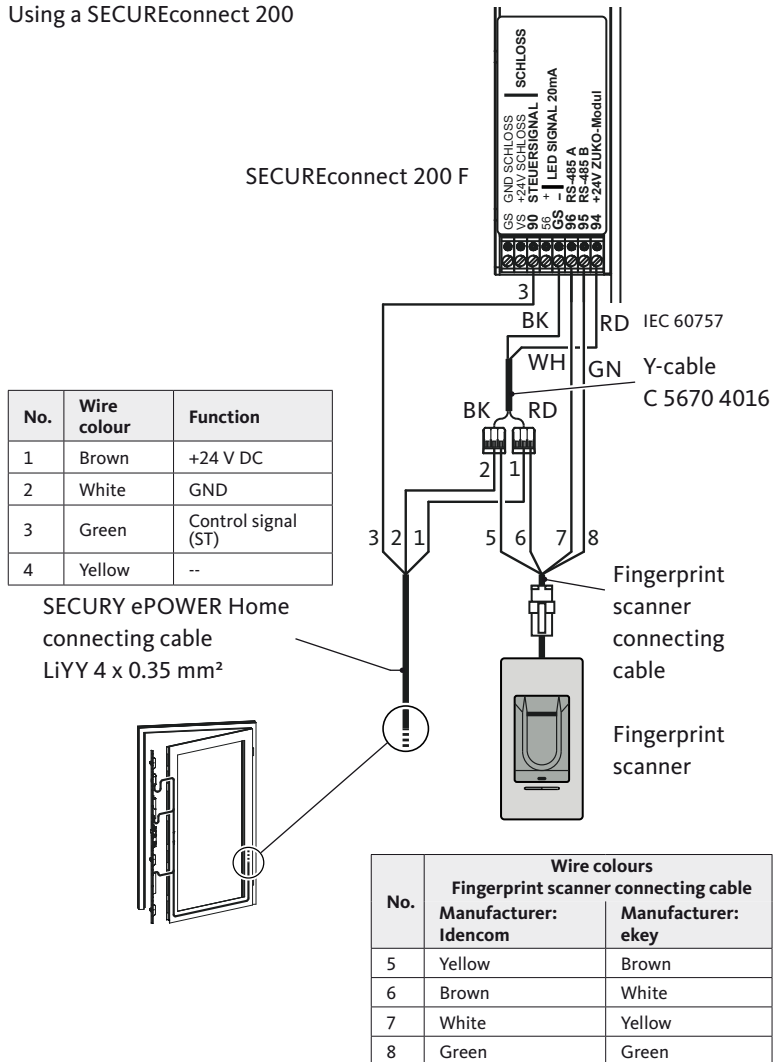


SECURY ePOWER Home
connecting cable
LiYY 4 x 0.35 mm²



Wiring diagram SECURY ePOWER with SECUREconnect 200

Using a SECUREconnect 200



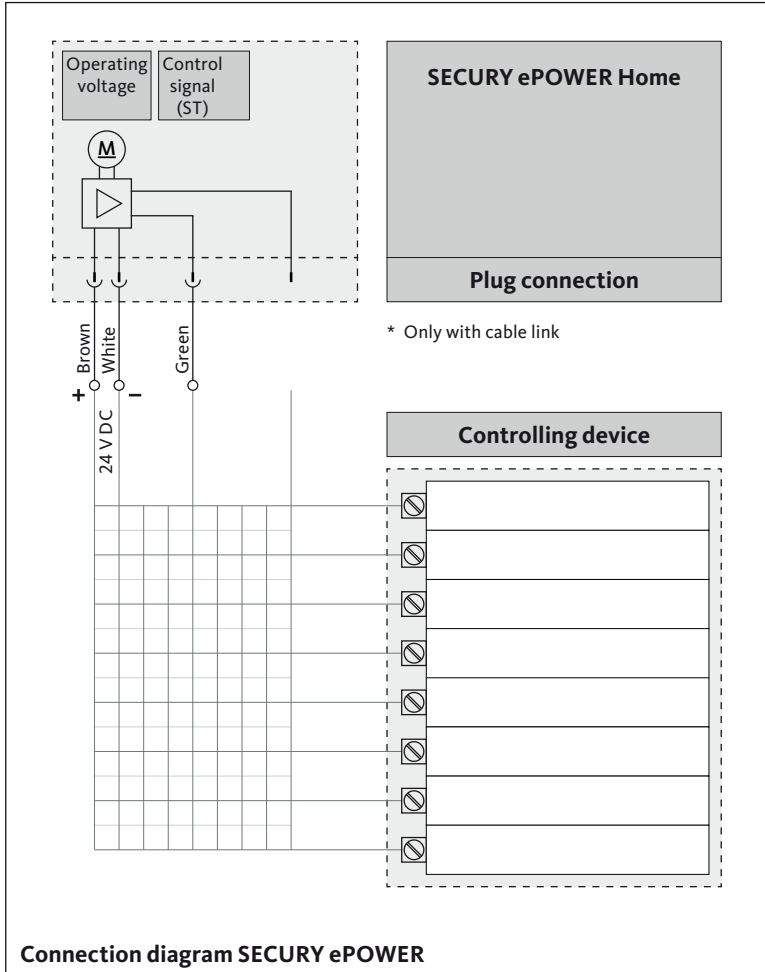
**Wiring diagram fingerprint scanner
with SECURY ePOWER Home and SECUREconnect 200**

SECURY ePOWER Home

Motor-driven multi-point lock

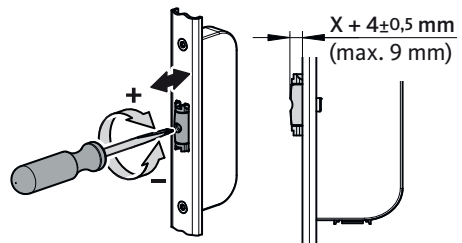
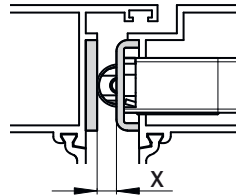


3.4.2 Wiring sketch



3.5 Signal transmitter setting

- Adjust the signal transmitter as follows:
 - Measure the rebate clearance X [mm] at the level of the signal transmitter
 - Set up the signal transmitter by turning the front-end set screw with a 0.8 x 4 screw driver to the dimension $X + 4 \pm 0.5$ [mm] (maximum setting 9 mm)



NOTE

When the signal transmitter is pushed back, the control unit receives the information, that the door is closed.

You should therefore install a striker for the signal transmitter!

A contact plate for the signal transmitter must be installed when using a rebated frame profile.

- Perform a function check of the exit device **with the door open**.

SECURY ePOWER Home

Motor-driven multi-point lock



4. Commissioning

4.1 Safety instructions for the functional check



Squeezing of body parts!

Make sure that limbs are well clear of the locking elements during the locking procedure.

Do not reach between door and frame!



The SECURY ePOWER Home multi-point locking is equipped with a roller latch which serves as signal transmitter.

The signal transmitter must run up against a signal plate in the frame, for example, and is actuated when the door is closed.

4.2 Functional check of the multi-point locks

- After installation of the multi-point lock, lubricate the completely extended locking bolts (rear side of main latch and both sides of the additional locking elements) using a non-resinous grease (e.g. GU service grease H-01960).



The signal transmitter (roller latch) of the SECURY ePOWER multi-point lock is maintenance-free and must not be lubricated!

- Make sure that the power supply to the multi-point lock exists (24 V direct current). Motor-driven locking is not possible without a power supply.

4.2.1 Testing the basic functions of the multi-point lock

NOTE

When using a SECUREconnect 200, the additional locking elements cannot be locked with the door open.

When testing the function of a SECURY ePOWER Home multi-point lock equipped with a SECUREconnect 200, you must close the door again until the tappet contacts of the SECUREconnect leaf part are in contact with the contact surfaces of the frame part.

As you close the door, make sure that the locking elements of the multi-point lock can freely extend, i.e. are not blocked by the door frame.

- Open the door by operating the lever handle on the inside.
- Keep the signal transmitter pressed.
Make sure that (after roughly 2 seconds) the main latch and all additional locking elements extend.
Two short acoustic signals confirm proper locking.
- Release the signal transmitter immediately after projection of the main latch and additional locking elements.
Make sure that the main latch and all additional locking elements extend after approx. 3 seconds.
- Close the door to check that the signal transmitter is set correctly.
Make sure that (after roughly 2 seconds) the main latch and all additional locking elements extend (noise of locking operation).
Two short acoustic signals confirm proper locking.
The signal transmitter is correctly set.

If the multi-point lock does not lock properly, you must adjust the signal transmitter correctly (see Page 27).

SECURY ePOWER Home

Motor-driven multi-point lock



- Operate the external trigger for the short-term release.
Make sure that the main latch and the additional locking elements retract and the door can be opened via the knob/lever handle on the outside.
- Close the door.
Make sure that (after roughly 2 seconds) the main latch and the additional locking elements extend (noise of locking operation).
Two short acoustic signals confirm proper locking.

4.2.2 Checking the daytime release function (TF)

- Operate the external trigger for the daytime release (TF).
Make sure that the main latch and additional locking elements retract and that the main latch then extends again.
The door can now be accessed from the inside and outside when the mechanical unlocking of the interchangeable latch piece TOE ET8 activated or the electric strike is activated.
- Ensure that the additional locking elements remain retracted when the door is closed and that the door still can be opened from the inside and outside.

4.2.3 Check of function "Key-controlled latch holdback" GFF

- Operate the external trigger for the key-controlled latch holdback (GFF).
Make sure that the main latch and additional locking elements retract and remain permanently retracted.
The door can now be opened from the inside and outside.
- Ensure that the additional locking elements remain retracted when the door is closed and that the door still can be opened from the inside and outside.

4.3 Error description and remedy



These work described in the following must always be performed by trained specialist personnel with knowledge of installing lock, door hardware and electronic components!

Description	Possible cause	Solution
The multi-point lock does not unlock electrically	The multi-point lock or power supply unit is not receiving power.	Check the residual-current circuit-breaker or safety switch. Check all electrical connections.
The multi-point lock does not lock	Daytime release function activated.	Check whether the daytime release (TF) function is activated, if so, switch it off.
	The multi-point lock or power supply unit is not receiving power.	Check the residual-current circuit-breaker or safety switch. Check all electrical connections.
	The door position contact (signal transmitter) is not switching.	Adjust the signal transmitter correctly (see Page 27).
	The additional locking elements and latch&deadbolt strikers are incorrectly installed.	Adjust the position of the latch&deadbolt strikers and, if necessary, the multi-point lock.

SECURY ePOWER Home

Motor-driven multi-point lock



5. Maintenance and cleaning

5.1 Special safety advice

The SECURY ePOWER Home multi-point lock must only be operated with power supply units meeting at least the requirements specified under Chapter "2.4 Technical data".

Any warranty claims for damage caused by non-observance are rejected.

5.2 Maintenance and cleaning

To make sure it is fit for use, the SECURY ePOWER Home multi-point lock must be serviced **at least once a year**. Make sure in doing so that the SECURY ePOWER Home multi-point locking system is in proper working order.

Perform the following routine maintenance checks and document them accordingly:

- Inspect and actuate the multi-point lock and make sure that all components of the central locking system are in a perfect operating condition.
- Make sure that the keepers are not jammed or filled with dirt.
- Make sure that no additional locking devices have been fitted to the door at a later point in time.
- Verify that the system components correspond to the list of approved components originally supplied with the system. Have the system serviced to its proper condition at regular intervals.
- Make sure the fixing materials are properly tightened and retighten if required.
- Service the tappet contacts for SECUREconnect as per the maintenance information in the instructions.

- Grease the locking points, sliding and bearing points with GU service grease H-01960.

NOTE

**The signal transmitter of the SECURY ePOWER multi-point lock is maintenance-free!
Do not grease or oil the signal transmitter!**

Only cleaning and care agents that do not affect the corrosion protection of the hardware parts may fundamentally be used.

6. Disposal



This product is classified in accordance with the amended German Electrical and Electronic Equipment Act (ElektroG) as an electrical device of the type "Large or small devices that can be used in domestic households".

This product carries a symbol of a crossed-out bin to indicate that it cannot be disposed of as regular waste and instead must be disposed of legally at a municipal collection point.

This separate collection supports environmentally-friendly and resource-saving disposal of our products and is entirely free of charge.

WEEE-Reg.-No.: DE 49744122

SECURY ePOWER Home

Motor-driven multi-point lock



7. Declarations of Performance

The following Declarations of Performance apply for the product:

- 0004-CPR-GU-BKS-Ferco

NOTE

You can find the declarations of performance on the GU homepage "www.g-u.com".

8. Acceptance certificate

The acceptance certificates on the following pages must be filled out by the fitter and signed by the operator and fitter.

The operator and fitter each receive a signed original of the acceptance certificate.



Acceptance certificate SECURY ePOWER Home

For the operator

Information required on SECURY ePOWER Home

Building project

Location of the
SECURY ePOWER Home

The following points have been explained to the operator

Access via locking cylinder

Daytime release (TF)/key-controlled latch holdback (GFF)

Access via access control

Key switch

Uninterruptible power supply UPS

Emergency power buffer

SECUREconnect 200

Cable link

Also complete the back.

SECURY ePOWER Home

Motor-driven multi-point lock



The following documents were handed over to the operator

Installation and maintenance instructions for

SECURY ePOWER Home

Instructions for access control

Instructions for uninterruptible power supply UPS

Instructions for emergency power buffer

Instructions for SECUREconnect 200

Instructions for cable link

The door system delivered and fitted by us is therefore considered as accepted by the operator!

Do not forget signatures

Fitter	Company	_____
	Name	_____
	Date	_____
	Signature	_____
Operator	Company	_____
	Name	_____
	Date	_____
	Signature	_____



Acceptance certificate SECURY ePOWER Home

for the fitter

Gretsch-Unitas GmbH
Baubeschläge
Johann-Maus-Straße 3
71254 Ditzingen
Germany

Tel. +49 (0) 71 56 3 01-0
Fax +49 (0) 71 56 3 01-2 93
www.g-u.com

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Fitter	Company	_____
	Name	_____
	Date	_____
	Signature	_____
Operator	Company	_____
	Name	_____
	Date	_____
	Signature	_____

Notes



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Securing technology for you



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