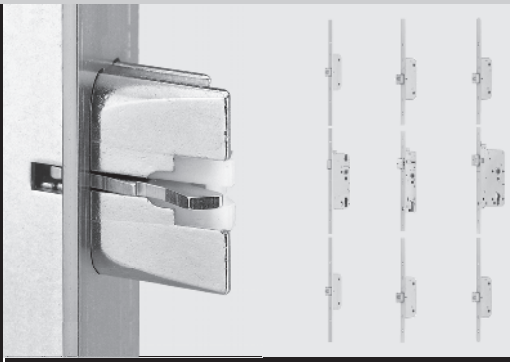
Designed in Germany
M-00090-00-0-0 | 02 | C | 04.2016
G26788



TÜRTECHNIK | DOOR TECHNOLOGY

GU-SECURY Automatic Panik | SECURY 19 | SECURY 21

Vorsprung mit System
Securing technology for you

G-U BKS FERCO

CE-Kennzeichnung
CE marking
Marquage CE
Marcado CE

CE

14

Gresch-Unitas GmbH
Baubeschläge
Johann-Maus-Str. 3
D-71254 Ditzingen

BKS GmbH
Heidestr. 71
D-42549 Velbert

DIN EN 1125:2008

Panic exit devices operated by a horizontal bar, for use on escape routes

Release capability	passed, ≤80 and ≤220N under pressure
Durability in relation to release capability	passed, class 7
Automatic closing C capability	passed, ≤50 N
Durability in relation to automatic closing C capability compared to ageing and loss of quality	passed, class 7, ≤50 N
Fire resistance E (enclosure of space) and I (thermal insulation)	Class 0 Class B (see classification on product)
Check for hazardous substances	passed

EC-certificate of conformity
0432-CPR-00029-01 & 0432-CPR-00029-02

Declaration of Performance
0001-CPR-GU-BKS-FERCO-L

CE

14

Gresch-Unitas GmbH
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DIN EN 179:2008

Emergency exit devices operated by a lever handle or push pad, for use on escape routes

Release capability	passed, ≤70N
Durability in relation to release capability	passed, class 7
Automatic closing C capability	passed, ≤50 N
Durability in relation to automatic closing C capability compared to ageing and loss of quality	passed, class 7, ≤50 N
Fire resistance E (enclosure of space) and I (thermal insulation)	Class 0 Class B (see classification on product)
Check for hazardous substances	passed

EC-certificate of conformity
0432-CPR-00029-03 & 0432-CPR-00029-04

Declaration of Performance
0002-CPR-GU-BKS-FERCO-L

CE

14

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DIN EN 14846:2008

Electromechanically operated locks
and striking plates

Automatic closing capability	passed, ≤50 N
Durability in relation to automatic closing capability	passed, class 7, ≤50 N
Capacity for holding the door in the locked position and not contributing towards fire propagation	passed
Check for hazardous substances	passed

EC-certificate of conformity
0432-CPR-00029-07

Declaration of Performance
0004-CPR-GU-BKS-FERCO-L

Table of contents

WARNING

The security features of these products are essential for its conformity with EN 179 and EN 1125.

Changes to the products are not permitted, unless described by the manufacturer!

Translation of the original instructions

Please pass the document on to the user!

1. Installation advice

1.1 General information

A locking system complying with these European standards always consists of (Fig. 1):

- (A) Lock and/or multi-point lock (active and/or passive leaf)
- (B) Door hardware (active and/or passive leaf)
- (C) Accessories (fixing material, square spindle, vertical rods, passive-leaf control lock)
- (D) Keeper(s) (door frame, passive-leaf lock, strikers/latch&deadbolt striker, floor strikers)

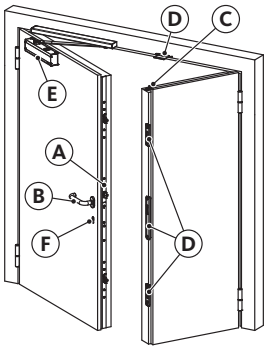


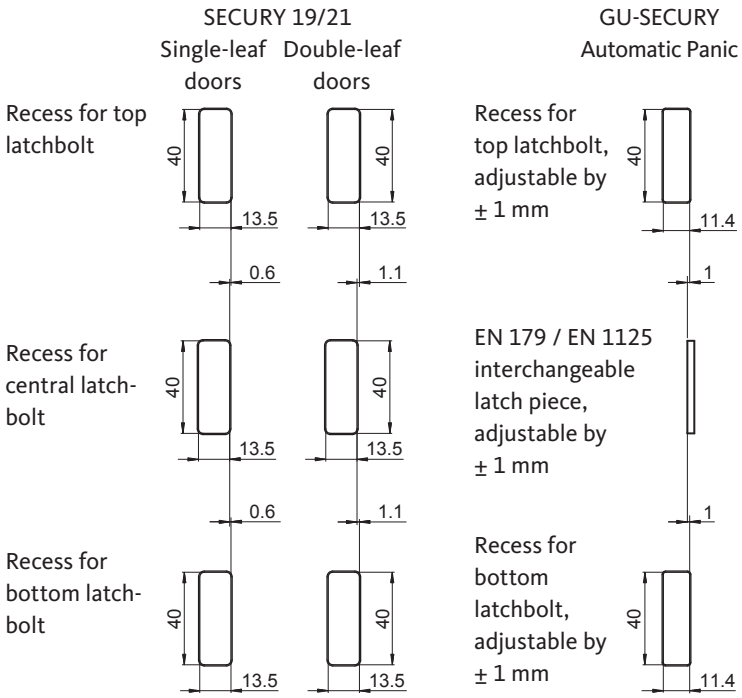
Fig.1: Locking components

Door closers (E) and locking cylinders (F) are not always required, but, if used, must be approved for use with the appropriate locking device **(see www.g-u.com/service/downloads - Door Technology - "Zulässsige Schließzylinder in Kombination mit BKS-Fluchttürschlösserndownloads" (permissible locking cylinders in combination with BKS emergency door locks)**.

- Only those devices are allowed to be installed which use components listed in the EC Certificate of Conformity EN 1125 or EN 179. 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, to design and install an equivalent solution as demanded. See approved striker shapes (Fig. 2).
- Before installing the locking system, make sure the door is properly installed and is not warped.
- The latchbolts and vertical rods of the lock must be received by the keepers freely without frictional resistance, even when load is applied to the door.

To install GU multi-point locks, use the appropriate GU factory drawing.

Striker recess for SECURY multi-point locks



Undimensioned radii R = 2^{+1} mm

Striker shapes for the top and bottom locking of the passive leaf

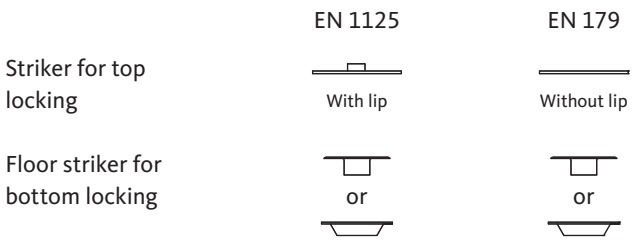


Fig. 2: Approved striker shapes

Also make sure that, when retracted, the locking elements do not protrude so far as to obstruct the movement of the door.

- The locking system 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 locking system.
- Make sure when using door gaskets that they do not impair the proper functioning of the locking system.
- Due to the design, other hole diameters or fixing types than those described which are not compatible with our fixing materials may be required. The fabricator is responsible for verifying that the lock has been fastened correctly in these cases and they therefore do not constitute part of these assembly instructions.
- To guarantee a secure fixing, a through-fixed screw connection is the most recommended installation.
- On double-leaf doors with a rebated meeting stile, make sure that each leaf opens individually when the corresponding panic exit device is actuated and that both leaves open when both locks are operated at the same time. To ensure the door functions correctly, use of a carrier bar and a door leaf coordinator (to EN 1158) is recommended to ensure the doors are not restrained and also close in the correct sequence. This particularly applies for fire/smoke protection doors.
- The horizontal activating bar must normally be installed at a height of 900-1100 mm above finished floor level (FFL) with the door closed so as to achieve the greatest possible effective bar length.
  If most of the users are small children, lowering the installation height of the activating horizontal bar should be considered.
- To hold the door shut, no other devices than those approved to EN 1125 should be installed.
  However, this does not exclude the use of door closers.
- When using a door closer, it must be ensured that the door closer does not prevent children or elderly or infirm persons from operating the door.

- Observe the installation, maintenance and operating instructions. It is particularly important to ensure that all keepers and covers are fully installed.
- Operators of such a locking system must be instructed about its intended use.
- Attach a clearly visible pictograph indicating operation of the handle to the inside of the door or in the escape direction directly above the hardware, or on the hardware itself if it has a sufficiently large flat area to accommodate the lettering.
- All statutory regulations in relation to use of the locking system on fire and smoke protection doors remain fully valid.

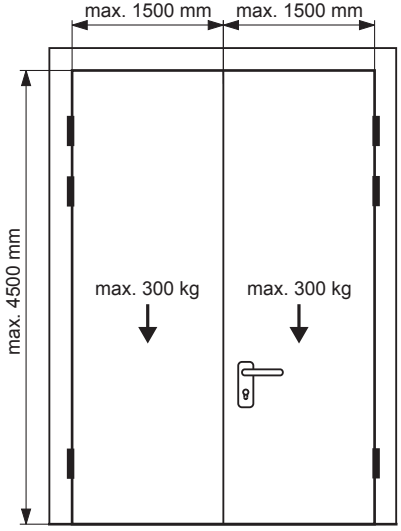


Fig. 3: Max. door dimensions and weights

1.2 Mounting advice

- To install GU multi-point locks, use the appropriate GU factory drawing.
- After all drilling and milling work, blow out the profiles with compressed air so that the profile is free of chips.
- Make sure the spindle is free of tension and sits exactly on its axle.
- Make sure that the locking cylinder has an exact seat to avoid possible sluggishness during operation.
- Observe the specified clearance (permissible tolerance of ±1 mm).
- Make sure that the reference points of the strikers/latch&deadbolt striker and multi-point lock specified on the factory drawing all lie at precisely the same height.
- Make sure that the fixing screws of the door hardware are not improperly tightened (i.e., too tightly) and that the door hardware is properly positioned to avoid malfunctions of the multi-point lock.
- The tension 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.
- 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.
- Make sure that the latchbolts are not triggered or already extended when the door is open.
- In addition, observe the pictographs on the last page of these instructions.

1.3 Installation advice

- Check the locking system for completeness, as well as the approvals for the individual components.
- Insert the multi-point lock into the prepared lock recesses and fix the multi-point lock in place.
- Fix the keepers (latch&deadbolt striker/strikers) into the door frame or passive leaf. The latchbolts must be able to glide into the keepers freely and without friction at all times. If necessary, adapt the keeper shapes to the door situation (Fig. 2).
- Install the locking cylinder (if present).
  Do not tighten the cylinder fixing screw yet.
- Mark the fixing points for the door hardware on the inside and outside of the door using the drilling template provided.
- Remove the locking cylinder (if present) and multi-point lock from the lock recesses.
  Drill the fixing borehole from the marked points to the lock recesses.
- Reinstall the multi-point lock and locking cylinder (if present) as described in Sections 2 and 4.
- Install the door hardware in accordance with the enclosed instructions and then tighten the cylinder fixing screw.
- While the door is open, perform a functional check of the locking system.

1.4 Commissioning and functional check

- After installing the multi-point locks, lubricate the rear of the completely extended latchbolts using a non-resiniferous grease.
- While the door is open, perform a functional check as described in the following:
  - Release the latchbolts by pushing the trigger lever in the locking direction. The latchbolts will extend by 20 mm.

- **Only in case of multi-point locks for single-leaf doors:**
  Press the latchbolts (with max. 20 N) to test whether they are properly secured against being pressed back.

- After the test, you must pull back the latchbolts again by actuating the lever handle or latch lever (in case of panic function E).

2. Product liability

According to the German Product Liability Act, which defines the liability of a manufacturer for its products, the following information about lock systems must be strictly observed.
We as manufacturer will not accept liability for non-observance of this information.

2.1 Product liability and intended use

The SECURY 19, SECURY 21, and GU-SECURY Automatic Panic multi-point locks are designed for vertically installed doors. Their main area of application is building entrance doors in both private and public buildings.

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 length of the cylinder fixing screws must be selected to match the backset dimension of the lock or cropped to the appropriate length. The screws of the pre-installed profile cylinder insert should be used with preference.

A multi-point lock is a lock which is inserted and screwed into an existing recess (lock recess) in the door leaf, normally in a swing door system.

Use as intended can only be ensured if locks are combined with approved door hardware, locking mechanisms (e.g., keys, locking cylinders), and accessories (e.g., strikers/latch&deadbolt striker), and if installation and maintenance is performed in compliance with the instructions and applicable local regulations.

Multi-point locks for doors with special functions must comply with the applicable regulations and, if required, be marked accordingly. In the case of multi-point locks with a panic function in escape and rescue routes, the handle must not be operated whilst locking or unlocking.

Locking cylinders may only be installed in multi-point locks without reservation if they comply with a dimensional standard (e.g., DIN 18252 in Germany) and if the multi-point locks are explicitly designed for cylinders according to the respective standard.

In all other cases, manufacturers, dealers, fabricators or consumers of such multi-point locks have to ensure that the chosen cylinders are suitable for installation and for the intended use.

Any cylinder type (including knob cylinder) may not influence the correct function of the locking system in escape direction.
The operator must ensure the lock functions as intended.

When checking knob cylinders, the only criterion they must satisfy is that they do not impede the correct locking function in the escape direction.

Mandatory legal regulations must be observed. For example, only cylinders with knob, turn or similar handle may be installed in multi-point locks with a panic function in accordance with the certificate no. 0432-CPR-00029-01. All general terms and definitions, unless explained in our catalogues or pictures, can be found in the DIN 18250, DIN 18251-1, DIN 18252 standards for door locks, and in the standards for door hardware. Deviations from the standard must be specified in the order.

2.2 Misuse

Devices are being used incorrectly, i.e., not for their intended use, if, for example:

- Problem-free use is prevented by inserting foreign and/or unintended objects into the lock or into the striker.
- The locking system is manipulated in a such way as to involve structural or functional changes or in any other way not expressly permitted in the assembly instructions.
- Contrary to its intended use, the ejected latchbolts are used to keep the door open.
- Locking elements cannot function properly as a result of improper installation or subsequent treatment, such as painting.
- Unintended loads beyond normal manual force are applied to the handle, e.g., lifting and carrying the door by the handle, ramming or kicking the handle.
- Inappropriate locking mechanisms are used, e.g., wrongly dimensioned or incorrectly adjusted closers.
- The specified door gap changes as a result of hinge readjustments or unintended lowering of the door.
- A double door is opened via the passive leaf although not designed and approved for this.
- A double-leaf door not equipped with a carrier bar is opened via the passive leaf and is restrained as a result.
- The function of the door leaf coordinator in a double-leaf door is bypassed.
- Objects or extremities are put between the door leaf and door frame when the door closes.
- The lever handle and cylinder are operated simultaneously.

2.3 Maintenance

Locking systems should be checked at least **once a year** to ensure fitness for use. In the process, the proper condition of the locking system must be ensured.

Perform the following routine maintenance checks and document them accordingly:

- Inspect and actuate the panic exit device and make sure that all parts of the 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 all system components still 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 according to regulation if required.
- Lubricate all moving parts, locking points, and the rear of the central and additional latchbolts with a non-resiniferous grease (e.g., LUMO Special Grease 8559/1 of Zeller+Gmelin).

We recommend an additional monthly functional check of the panic exit device.

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

2.4 Duty to inform and to instruct

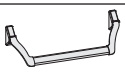
In order to comply with the informational and instructional duties prescribed by the German Product Liability Act, the following documents and services are made available to specialist dealers, locksmiths, architects, planners, fabricators and end users upon request:

- Catalogues, brochures, tender specifications, quotation documents, key combination records, factory drawings
- Instructions for installation, operation and maintenance
- Technical support directly from us or from our consulting field service.
- DIN 18250, DIN 18251, DIN 18252, DIN 18257, EN 179, EN 1125, etc. (No provision by GU possible. Exclusive distribution by Beuth Verlag GmbH, Berlin).
- For the selection, installation, operation, and maintenance of locks and hardware:
  - Architects and planners are advised to request from us and observe all required product information.
  - Specialist dealers must consider to observe product information and reference in the price lists and specifically request all necessary instructions from us and to forward these to the fabricators.
  - Fabricators should observe all product information and specifically request operating and maintenance instructions from us and forward these to contractors and consumers.

3. Prüfkennzeichnung und Zubehör
Test marking and accessories
Marque de contrôle et accessoires
Marcado test y accesorios

	DE	EN	FR	ES
	Zugelassen nach EN 1125	Approved according to EN 1125	Homologué selon EN 1125	Homologado según EN 1125
	Zugelassen nach EN 179	Approved according to EN 179	Homologué selon EN 179	Homologado según EN 179
	Zugelassen für den Einsatz an Feuer- und Rauchschutztüren	Approved for use on fire and smoke protection doors	Autorisé sur portes coupe-feu et pare-fumée	Aprobado para uso en puertas cortafuegos y cortahumos
	Verwendung an einflügeligen Türen	Use on single-leaf doors	À utiliser sur portes à un vantail	Uso en puertas de una sola hoja
	Verwendung an einflügeligen Türen (Fluchttürfunktion einwärts öffnend)	Use on single-leaf doors (inwardly opening escape door function)	À utiliser sur portes à un vantail (fonction anti-panique pour portes ouvrant vers l'intérieur)	Uso en puertas de una sola hoja (función antipánico, apertura hacia dentro)
	Verwendung an zweiflügeligen Türen (Gangflügel)	Use on double-leaf doors (active leaf)	À utiliser sur portes à deux vantaux (vantail de service)	Uso en puertas de dos hojas (hoja activa)
	Verwendung an zweiflügeligen Türen (Standflügel)	Use on double-leaf doors (passive leaf)	À utiliser sur portes à deux vantaux (vantail semi-fixe)	Uso en puertas de dos hojas (hoja pasiva)
a)	mit gesichertem Fallenfeststeller	With secured latch holdback	Avec blocage sécurisé du pêne demi-tour	con fijador de resbalón asegurado
b)	Dornmaß 33 und 35 nur mit Druckstange B 7150	Backset 33 and 35 only with touch bar B 7150	Axe fouillot de 33 et 35 mm seulement possible avec barre d'enfoncement B 7150	Entrada de 33 y 35 solo con touch bar B 7150
c)	Zusätzlicher Verriegelungspunkt bzw. Verlängerung mit zusätzlichem Verriegelungspunkt	Additional locking point and/or extension with additional locking point	Point de verrouillage supplémentaire ou rallonge avec point de verrouillage supplémentaire	Punto de cierre adicional o prolongación con punto de cierre adicional

	DE	EN	FR	ES
d)	Panikfunktion nur bei freigeschaltetem Türöffner effeff Modell 332 gewährleistet	Panic function is only guaranteed with enabled electric strike Type 332 effeff	La fonction anti-panique n'est garantie que lorsque la gâche électrique pour porte issue de secours modèle "332 effeff" est désactivée	La función antipánico solamente está garantizada al desactivar el cerradero eléctrico "Tipo 332 effeff"
e)	bei Verwendung mit einem A-Öffner	For use with an A-opener	avec déverrouillage motorisé	en caso de uso con un automotor tipo A

EN 179		DO 20.10; DO 20.1; DO 20.2; DO 20.3; DO 20.4; DO 20.5; DO 20.6; DO 20.12; DO 20.13; DO 20.18; DO 20.20; DO 20.21; DO 20.26; DO 20.31; DO 20.32; DO 20.34; DO 20.52	
EN 1125		B 7172; B 7100; B 7192; B 7170; B-74xxx	 DIN 18273
		B-74xxx	

HINWEIS

Für das Produkt gilt jeweils die in der Tabelle ab Seite 54 aufgeführte Leistungserklärung (DoP XXXX-CPR-GU-BKS-FERCO-L). Sie finden die Leistungserklärungen auf der GU-Homepage: www.g-u.com/de/service/bauproduktenverordnung.html

NOTE

For the product, the Declaration of Performance (DoP XXXX-CPR-GU-BKS-FERCO-L) listed in the table starting on page 54 applies. The Declarations of Performance can be found on the GU homepage: www.g-u.com/en/services/construction-products-regulation.html

REMARQUE

La déclaration de performances applicable au produit (DoP XXXX-CPR-GU-BKS-FERCO-L) figure dans le tableau à partir de la page 54. Vous trouverez toutes les déclarations de performance sur le site web de GU : www.g-u.com/fr/services/reglement-produits-de-construction.html

NOTA

A cada producto le corresponde en cada caso la declaración de rendimiento que se muestra en la tabla a partir de la página 54 (DoP XXXX-CPR-GU-BKS-FERCO-L). Encontrará la declaración de rendimiento en la página web de GU: www.g-u.com/es/servicios/reglamento-de-productos-de-construccion.html

				 1)	 2)			
SECURY 1910	X	X	X	X	X			
SECURY 1910 EVP [d]	X	X	X	X	X			
SECURY 1911	X	X	X			X		
SECURY 1912	X	X	X	X	X			
SECURY 1912 EVP [d]	X	X	X	X	X			
SECURY 1913	X	X	X			X		
SECURY 1916	X	X	X	X				
SECURY 1916 S	X	X	X	X				
SECURY 1916 EVP [d]	X	X	X	X				
SECURY 1916 S EVP [d]	X	X	X	X				
SECURY 1919	X	X	X			X		
SECURY 1919 S	X	X	X			X		
SECURY 1966 [a]	X	X		X				
SECURY 1967 [a]	X	X				X		
SECURY 1970	X	X	X	X	X			
SECURY 1970 EVP [d]	X	X	X	X	X			
SECURY 1971	X	X	X			X		
SECURY 1975			X	X				

	DO	9-xxxxx- 6-xxxxx-	EN 1125:2008 DOP	EN 179:2008 DOP	EN 14846:2008 DOP
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	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB [1)] 377B1342AD [2)]	3S3E00400
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	3S3E00000
	6.1	X			3S3E00400

				 1)	 2)			
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SECURY 2111	X	X	X			X		
SECURY 2112	X	X	X	X	X			
SECURY 2112 EVP [d]	X	X	X	X	X			
SECURY 2113	X	X	X			X		
SECURY 2116	X	X	X	X				
SECURY 2116 S	X	X	X	X				
SECURY 2116 EVP [d]	X	X	X	X				
SECURY 2116 S EVP [d]	X	X	X	X				
SECURY 2119	X	X	X			X		
SECURY 2119 S	X	X	X			X		
SECURY 2166 [a]	X	X		X				
SECURY 2169 [a]	X	X				X		
SECURY 2170	X	X	X	X	X			
SECURY 2170 EVP [d]	X	X	X	X	X			
SECURY 2171	X	X	X			X		
SECURY 2178			X	X				

	DO	9-xxxxx- 6-xxxxx-	EN 1125:2008 DOP	EN 179:2008 DOP	EN 14846:2008 DOP
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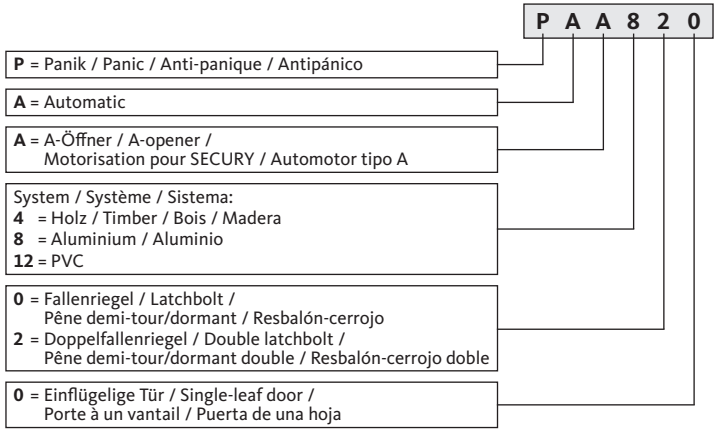
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	(3S3E00000) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB [1)] 377B1342AD [2)]	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB [1)] 377B1342AD [2)]	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	(3S3E00000) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	37701342AB	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	37701342AB	(3S3E00400) [e)]
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	(3S3E00000) [e)]
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	(3S3E00000) [e)]
	6.1	X	3770132$^{1A}_{2B}$B	377B1342AB	(3S3E00400) [e)]
	6.1	X	3770132$^{1A}_{2B}$A	37701342AA	(3S3E00000) [e)]
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB [1)] 377B1342AD [2)]	3S3E00400
	6.1	X	377B132$^{1A}_{2B}$B	377B1342AB [1)] 377B1342AD [2)]	3S3E00400
	6.1	X	377B132$^{1A}_{2B}$A	377B1342AA	3S3E00000
	6.1	X			3S3E00400

								
GU-SECURY Automatic Panik PA 400 b) / PAA 400 b)	X	X	X	X	X			
GU-SECURY Automatic Panik PA 420 b) / PAA 420 b)	X	X	X	X	X			
GU-SECURY Automatic Panik PA 800 b) / PAA 800 b)	X	X	X	X	X			
GU-SECURY Automatic Panik PA 820 b) / PAA 820 b)	X	X	X	X	X			
GU-SECURY Automatic Panik PA 1200 b) / PAA 1200 b)	X	X	X	X	X			
GU-SECURY Automatic Panik PA 1220 b) / PAA 1220 b)	X	X	X	X	X			
GU-SECURY Automatic Panik 3 b) c)	X	X	X	X	X			
GU-SECURY Automatic Panik 6 b) c)	X	X	X	X	X			

Schlüssel für die Bezeichnung des SECURY Automatic Panik /
Key for the designation of SECURY Automatic Panic locks /
Explication de la désignation de la serrure SECURY Automatic anti-panique /
Llave para la denominación de SECURY Automatic antipánico



	DO	9-xxxxx- 6-xxxxx-	EN 1125:2008 DOP	EN 179:2008 DOP	EN 14846:2008 DOP
			0432-CPR-00029-02 0001-CPR-GU-BKS-FERCO-L	0432-CPR-00029-04 0002-CPR-GU-BKS-FERCO-L	0432-CPR-00029-07 0004-CPR-GU-BKS-FERCO-L
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]
	6.1	X	3 7 7 0 1 3 2 $^{1}_{2}$ $^{A}_{B}$ B	3 7 7 B 1 3 4 2 A B	(3 S 3 E 0 0 4 0 0) [e]

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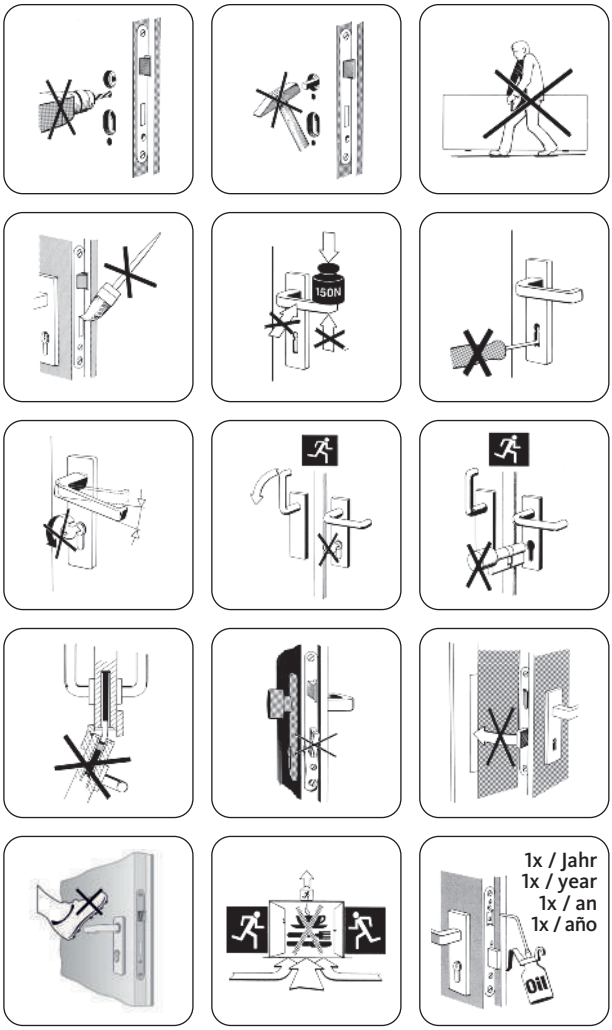


Vorsprung mit System
Securing technology for you

G-U BKS FERCO

1. Safety instructions and definitions

1.1 Warning symbols

DANGER denotes a dangerous situation which, if not avoided, 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 not avoided, 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 Product liability

Multi-point door locks GU-SECURY
The following information about multi-point locks for main and secondary doors must be observed in accordance with the German Product Liability Act (§ 4 ProdHaftG), which defines the liability of a manufacturer for his products. Non-observation shall release the manufacturer from his liability.

Product information and intended use
Multi-point locks as defined here lock a door by means of a latch so that they cannot be opened by pushing or pulling. They lock (secure) a closed door by means of an unsprung deadbolt which is pushed out of the multi-point lock and additionally by two or more locking cams, MR bolts or SH bolts.
With automatic multi-point locking systems, this is also done by two or more spring-loaded automatic latchbolts, DR bolts or double latchbolts.

All locking cams, MR bolts, automatic latchbolts, automatic DR bolts, automatic double latchbolts or SH bolts engage in corresponding recesses in the door frame or in latch&deadbolt strikers, dustbox strikers or strikers.
Multi-point locks are used with vertically-installed doors made of timber, PVC, aluminium or steel and corresponding combinations of these materials.
Doors for damp rooms and for use in environments with aggressive corrosive air contents require special hardware.

Builders and operators of doors are legally obliged to take all necessary precautions in order to protect persons and material goods within the building.For this reason, special attention must be paid to commissioning, the function test and the obligatory regular maintenance and repair.

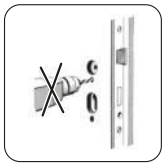
The operator must ensure that the system remains functional between these annual maintenance intervals.

Product liability
Compliance with the manufacturer's specifications, in particular the instructions in the supplied Assembly and Operating Instructions, belong to 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 entire hardware set in each case may only consist of GU hardware components. In the case of inappropriately assembled hardware, and/or in case of non original accessory components and/or non factory-approved accessory components, no liability is accepted.
To make the screw connections correctly, please observe the relevant notes in the GU installation drawings and mounting instructions.

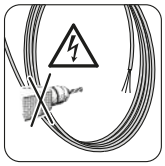
2. Preparation for use

2.1 General information

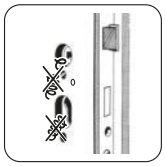
Observe all relevant installation drawings and assembly instructions!



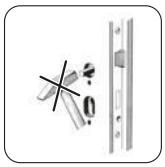
Do not drill through the door leaf in the area of the lock when the lock is installed!



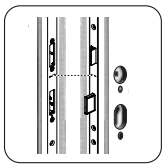
Do not drill in the vicinity of power cables!



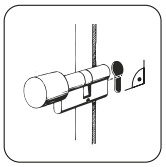
The profiles must be thoroughly cleaned after drilling and milling work to remove any swarf.



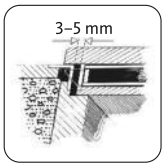
Do not apply excessive force when knocking the spindle through the follower, it must precisely line up with its axis and must be free of tension.



The marking notch of the faceplate must be lined up with the marking notch of the one-piece striker/latch&deadbolt striker! If there is no marking notch, the latch on the faceplate is lined up with the latch recess on the one-piece striker/latch&deadbolt striker!



The profile cylinder must line up, as otherwise movement may be difficult!

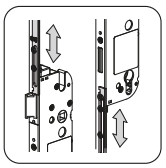


The distance between the faceplate and striker should be 4 ±1 mm!

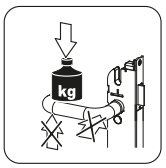
Once the installation work on the door is complete, it must be ensured by inserting clearance packers that the sash and frame cannot move relative to one another in transit (as this could damage the locking points)!

Do not lift or carry the door leaf by the handle!

Do not paint over deadbolt(s) or latch(es)!



The connecting rods must always be able to move freely behind the faceplate (by ensuring that fixing screws are not screwed in at an angle, not using excessively large screws, avoiding jamming points,...)!



Only apply force to the lever handle in the intended rotational direction. Only apply a maximum force of 150 N to the lever handle in the actuation direction!

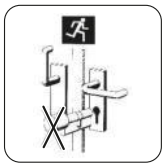
The lock may only be operated with the appropriate key and not with foreign objects!

Do not operate lever handle and key at the same time!

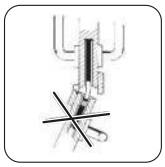
SECURY

GU-SECURY multi-point locks

Emergency exit devices must not be left with the key inserted!



Panic exit devices must not be fitted with locking cylinders with knob or thumbturn!
Exception: BKS locking cylinder with knob or knurled knob in defined cylinder cam position (panic version)



2-leaf doors without double-sided panic function (full panic function) must not be forced open via the passive leaf!

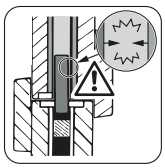
If there are signs that the lock has been tampered with (or forced) it must be replaced immediately!

The deadbolt must not project when the door is open!

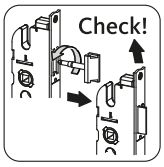
Only open and close the door with your hands and only via the designated handle!

Be sure that all objects and limbs are clear of the area between the sash and frame when opening and closing the door.

Locks must be lubricated at least once a year with non-resinous oil/grease (especially the latches or latchbolts)!



The deadbolt must not rub in the striker (widen hole in the striker if necessary)!



In the case of multi-point locking systems with reversible latch, check that the latches are securely seated!

Please observe the notes on the non product-specific installation drawings. You can find these at https://www.g-u.com

When installing the SECURY Automatic with optional A-opener, please observe the instructions 0-45777-L0-0. You can find these at https://www.g-u.com

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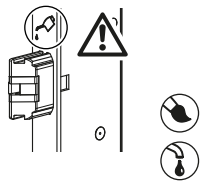
ATTENTION

Only carry out the installation as specified in the GU installation drawing.

Inappropriate and excessive tightening or inaccurate positioning of the lock may result in insufficient lock functioning!



Grease the locks
Operational check and lubrication of all moving parts and locking points at least once a year. The rear of the latch in the auxiliary deadbolt of self-locking locks in particular must be lubricated with grease at least once a year.

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

Oil the marked spots with the GU-BKS high-performance spray B 9780 0001.

2.2 Notes regarding assembly and installation

- The reverse sides of the latchbolt must be greased with a non-resinous grease when the latchbolt is fully extended after the lock has been installed in the door (prior to commissioning) (only with SECURY Automatic) (GU service grease H-01960).
- If the interchangeable latch piece requires adjustment, the strikers or top keepers must be justified accordingly.
- With the door open, the look must be checked for proper functioning:
  - Withdraw the latchbolts again using the lever handle or the key after testing!
- The latchbolts must be received in the strike freely without friction.

⚠ WARNING

Observe the following when installing a lock with safe-T-catch:
install the lock with lever set, apart from the turn handle of the door guard, in the leaf.
Use the drilling jig 6-29217 to drill the holes for attaching the safe-T-catch thumbturn!
Following assembly, the safe-T-catch thumbturn must turn back of its own accord when unlocking after it has been turned through a maximum of 45°.

2.3 Notes regarding use and operation

Maintenance and cleaning
Locking systems should be checked at least once a year to ensure fitness for use. In the process, the proper condition of the exit device must be ensured.

With panic locks and
multi-point locking systems approved for fire and smoke protection:
To ensure the products remain functional, maintenance must be carried out by the operator or expert 1–2 times a year (depending on the frequency of use).

With non-panic locks:
We recommend carrying out maintenance on an annual basis to ensure the products remain functional.

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 all system components still 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 according to regulation if required.
- Lubricate all moving parts, locking points, and the rear of the central and additional latchbolts with a non-resiniferous grease (GU service grease H-01960).

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

2.3.1 Function test

Function test when the door is open
Check that all fastening screws are secure:

- Make sure, by testing with a screwdriver, that all fixing screws are firmly screwed down. The screws must not be screwed down too forcefully or overtightened!

Check function of lever handle:

- Push the handle down as far as it will go. The lever handle must automatically return to the starting position!

Check the function of the latch:

- Push the handle down as far as it will go. The latch must retract when the lever handle is pressed. The latch must project by no more than 2 mm beyond the faceplate when the lever handle is pressed down!
- Turn the key in the locking cylinder in the opening direction. The latch must retract when the key is turned!

Check the function of the deadbolt:

- Turn the key in the locking cylinder in the locking direction. The main latchbolt must extend completely and smoothly!
- Remove the key when the main deadbolt is extended. It must be possible to take out the key when the main deadbolt is extended (up to two turns of the keys depending on the lock type)!

Function check with the door closed
Repeat the steps specified in the function test from "Check function of lever handle" when the door is open.

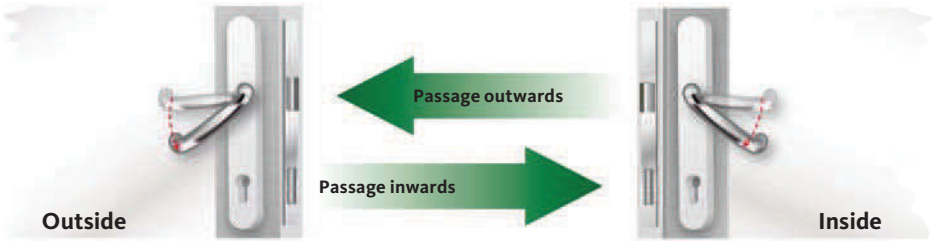
NOTE

With multi-point locking systems with fire protection and smoke protection approval and A-opener with specified UPS (or similar components), the function of these parts must be regularly checked, at least twice a year!

3. Measures to be taken in the event of difficulty of movement

- Check the tightening torque of the fixing screws on the lever set and/or the profile cylinder.
- Make sure that the fixing screws are not screwed in at an angle, as otherwise the screw head could obstruct elements moving behind it.
- Check the diameter of the fixing screws.
- Make sure that the drill holes for the fixing screws line up with the milled recesses for the lock cases.
- Check the gap dimension of the door gasket and replace it with a softer gasket if necessary.

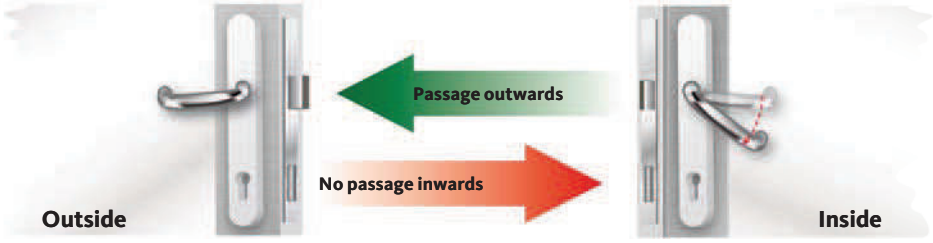
Panic function B



Opening position

Function from inside and outside

Passage possible in both directions via the lever handle; the latch is retracted and the follower is coupled on both sides.



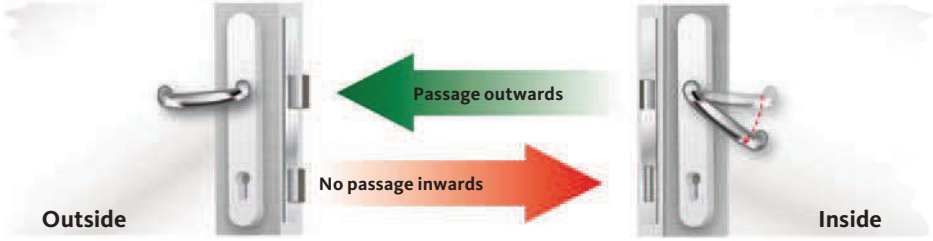
Initial situation

Function from outside

Handle set to idle as the follower is decoupled. The door can only be opened by key. When the key is turned, the follower is coupled and the door can be opened with the lever handle. The follower must subsequently be set to idle again by turning the key.

Function from inside

The door can be opened in the escape direction at any time.



Locked status

With series 19 locks (self-locking series), both latch and deadbolt lock automatically.

Function from outside

Handle set to idle as the follower is decoupled. The door can only be opened by key. When the key is turned, the follower is coupled and the door can be opened with the lever handle. The follower must subsequently be set to idle again by turning the key.

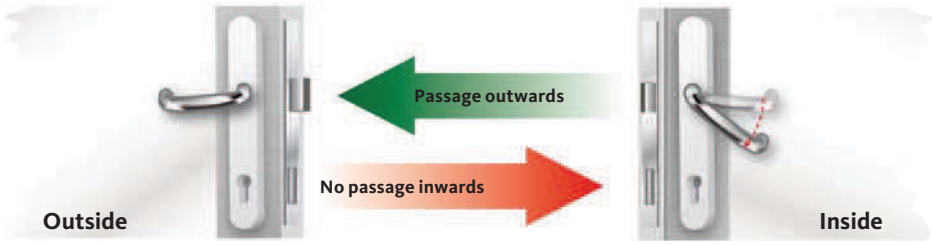
Function from inside

The door can be opened in the escape direction at any time.

Possible applications

The external lever handle makes the door suitable for use as a connecting door.

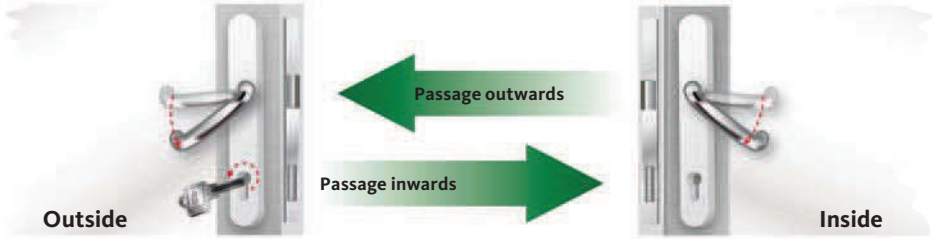
- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels



Initial situation

Function from outside
Handle set to idle as the follower is decoupled. The door can only be opened by key.

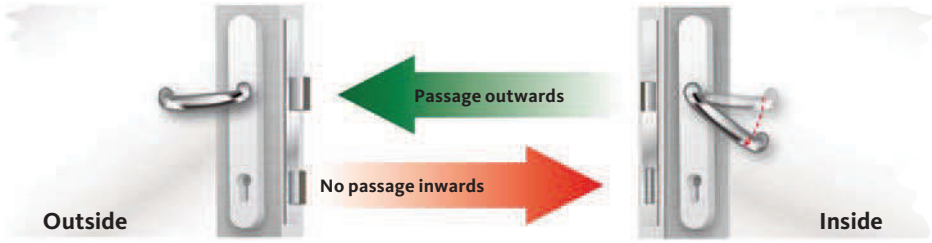
Function from inside
The door can be opened in the escape direction at any time.



Opening position

Function from outside
Handle set to idle as the follower is decoupled. The door can only be opened by key. By turning the key in opening direction until stop, the follower is coupled and the door can be opened with the lever handle. When the key is withdrawn, the outside handle reverts automatically to idle.

Function from inside
The door can be opened in the escape direction at any time.



Locked status

With Series 19 locks (self-locking series), both latch and deadbolt lock automatically.

Function from outside
Handle set to idle as the follower is decoupled. The door can only be opened by key. By turning the key in opening direction until stop, the follower is coupled and the door can be opened with the lever handle. When the key is withdrawn, the outside handle reverts automatically to idle.

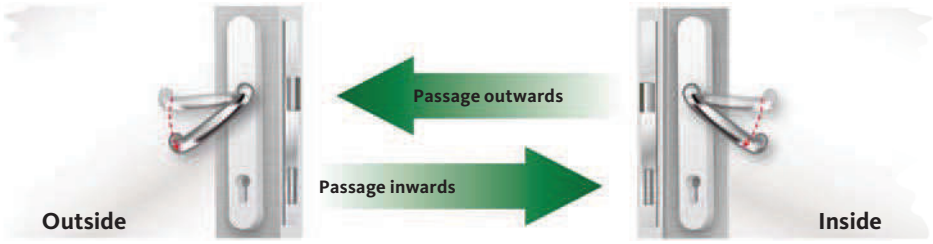
Function from inside
The door can be opened in the escape direction at any time.

Possible applications

The external lever handle makes the door suitable for use as a connecting door.

- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels

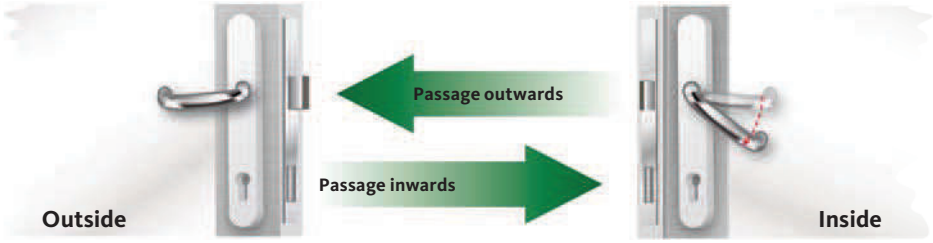
Panic function D



Opening position

Function from inside and outside

Passage possible in both directions via the lever handle; the latch is retracted and the follower is coupled on both sides.



Locked status

Function from outside

The lever handle activates the latch as the follower is coupled again after a panic-actuation. Upon locking by key, the outside handle is decoupled.

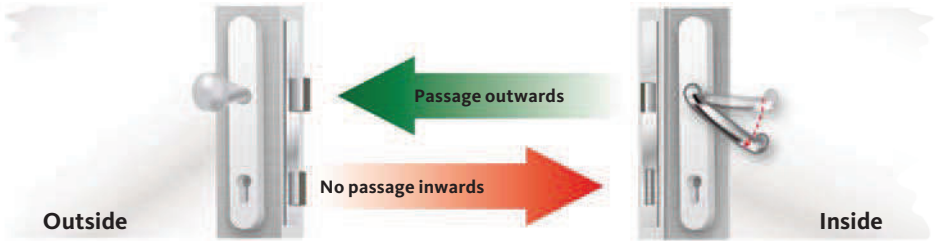
Function from inside

The door can be opened in escape direction at any time. After the lever handle has been operated, the deadbolt remains retracted until the next time it is locked using the key.

Possible applications

The external lever handle makes the door suitable for use as a connecting door.

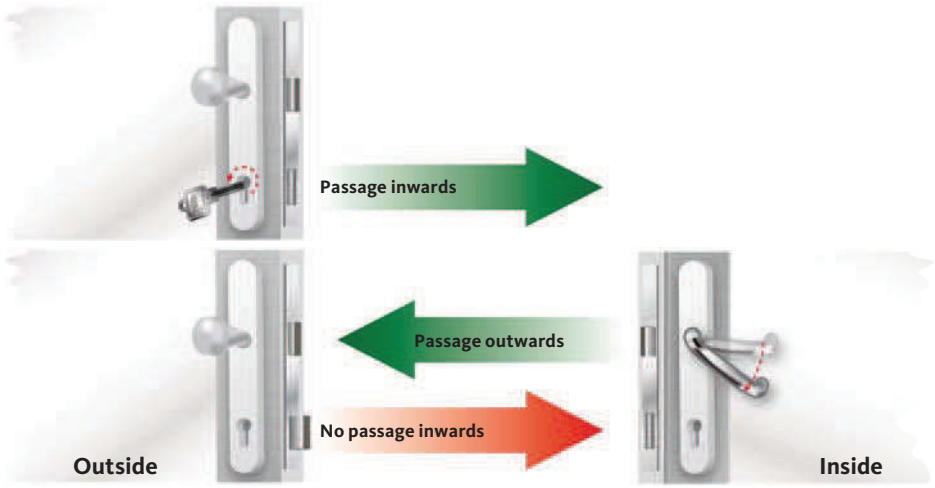
- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels



Initial situation

Function from outside
Only a fixed knob or push/pull handle can be used as hardware.
Door opening only by key: the latch is retracted.

Function from inside
The door can be opened in the escape direction at any time.



Locked status

Function from outside
Door opening only by key: the latch is retracted. With the locks of series 19 (self-locking series), both latchbolt and deadbolt lock automatically.

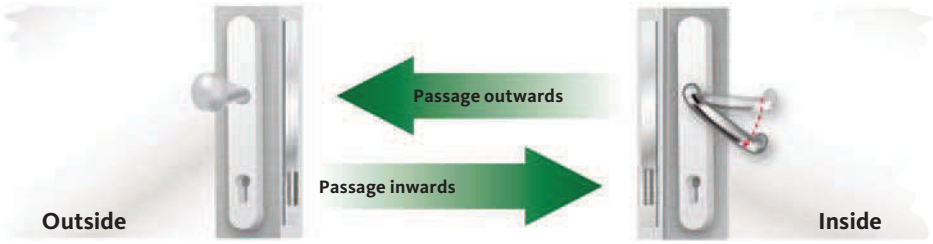
Function from inside
The door can be opened in the escape direction at any time.

Possible applications

As the fixed knob or push/pull handle is on the outside, access from outside is only possible using the key.

- Doors on transformer stations and boiler rooms
- Lift shafts
- Underground car parks
- Entrance to stores and business houses
- Entrance to tenements and multi-family houses

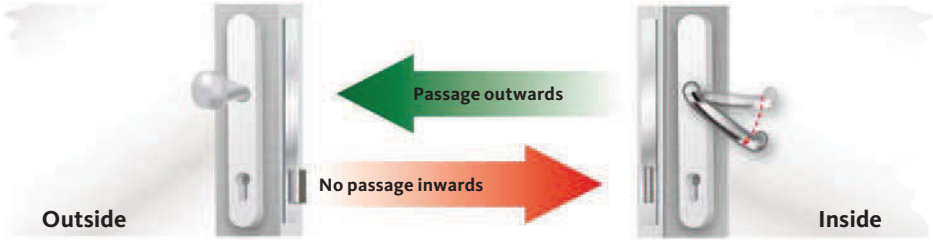
Panic function P



Opening position

Function from outside
Only a fixed knob or a push/pull handle can be used as hardware. The door can be opened by pulling/pushing the knob/handle. There is no latch (double-action swing door).

Function from inside
The door can be opened in the escape direction at any time.



Locked status

Function from outside
Door is opened by retracting the deadbolt using a key only. The open position is the outcome following a panic actuation from the inside.

Function from inside
The door can be opened in escape direction at any time. After the lever handle has been operated, the deadbolt remains retracted until the next time it is locked using the key.

Possible applications

As the fixed knob or push/pull handle is on the outside, access from outside is only possible using the key.

- Doors on transformer stations and boiler rooms
- Lift shafts
- Underground car parks
- Entrance to stores and business houses
- Entrance to tenements and multi-family houses