

Sudmetall®



ILOCK
SECURITY SYSTEMS

SECURITY LOCKS
STAND ALONE SOLUTIONS
SOFTWARE SOLUTIONS
SWITCHING
POWER SUPPLY UNITS
BATTERY
SURFACE KEYBOARD
ÜPUSH ÜBAR



SÜDMETALL stands for...

....competence, experience and an outstanding service quality. Süd-Metall Schließsysteme Leipzig GmbH was founded in 2013 as another part of the Almar Südmetail Group. The focus of Süd-Metall Schließsysteme Leipzig GmbH is the development and production of electromechanical locks "Made in Germany".

The daily actions of all employees are characterized by the corporate values of "**competence, reliability, fairness**" and are designed to provide the highest level of customer service. With its fittings and metal and glass construction product ranges, Südmetail is already one of the market leaders in the

German-speaking region. The many years of market experience of the Almar Südmetail Group and the know-how of the developers in the field of security systems enable synergies that are reflected in the quality of the products. Because Süd-Metall Schließsysteme Leipzig GmbH stands for first-class wireless security locks and access solutions.

Bundling development and production at the Leipzig site enables development times to be optimized and simplifies the subsequent market launch.

MANAGEMENT means...

... teamwork at Südmetail

Manfred Rettensteiner, Herbert Persterer-Resch and Ulrich Bauer form the top management of Süd-Metall Schließsysteme Leipzig GmbH.

The managing directors Rettensteiner and Persterer-Resch have already been running the business of Süd-Metall Beschläge GmbH

in Ainring, Bavaria, for more than 20 years.

With Süd-Metall Schließsysteme Leipzig GmbH, the managing directors pursue one goal: They want to offer customers comprehensive solutions from a single supplier.



Ulrich Bauer



Manfred Rettensteiner



Herbert Persterer-Resch

UNLOCK



ÜLOCK SECURITY LOCKS...

Safety on both sides of the door

- Outside lever handle can be electrically coupled
- Protection of human life by panic function in escape direction
- Protection of material assets from the outside
 - Automatic self-locking: Door is always locked by a 20 mm whisper latch bolt
 - Burglary protection: High resistance class of the lock against mechanical manipulation
 - No attack surface from the outside, all electronics are in the lock case
 - Encrypted data transmission between lock and control system (AES 128)

Comfort and design

- Free choice of hardware according to the design requirements of the object
- Stand-alone as well as system solutions can be realized
- Mechanical emergency opening by means of cylinder key is always possible

Perfect for retrofitting

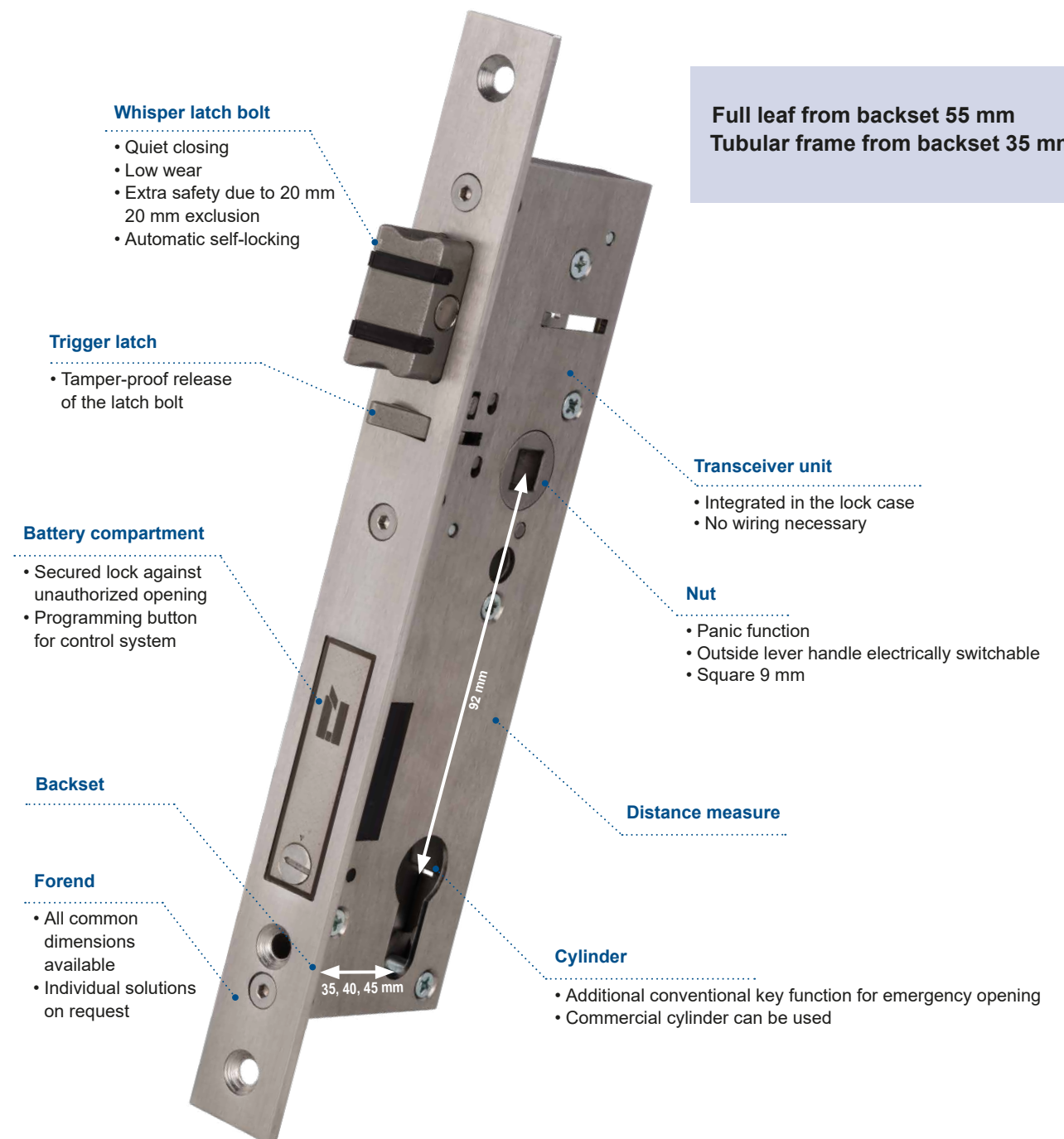
- Can be used in fire protection doors
- No wiring of the door required (ÜLock-B Battery + Inductive)
- Compatible with control systems from a wide range of suppliers
- Easy to combine with existing profile cylinders, fittings and control systems
- All common dimensions available

Variants / power supply:

- **ÜLock-B Basic, page 6:**
 - Mechanical variant
 - Outside lever handle can be mechanically engaged by means of the profile cylinder
 - Full-leaf version
- **ÜLock-B Battery, page 7:**
 - Battery in lock case
 - Full-leaf, tubular frame, glass door design
- **ÜLock-B Inductive, page 11:**
 - Inductive energy transmission: Thus no battery and no wiring of the door leaf
 - Full leaf and tubular frame design
- **ÜLock-B Cable, page 12:**
 - Door leaf wiring
 - Full-leaf design

Premium: Including tests EN 1634-1, EN 179, EN 1125, EN 14846




Comfort: Without tests





FULL-LEAF
Comfort or Premium

- Product features:**
- › Outside lever handle can be coupled mechanically via PZ
 - › Panic function
 - › Self-locking, whisper latch bolt 20 mm (stainless steel)
 - › With Premium version: Mechanical latch lock
 - › Split lever handle follower: 9 mm
 - › Cylinder: Profile cylinder (PZ), round cylinder (RZ)
 - › Suitable for use in combination with ÜBar panic bar
 - › Premium version including certificates: EN 179 / EN 1125 / EN 1634-1 / EN 14846
 - › Available with continuous handle follower on request

Distance	Backset	Forend (polished stainless steel) Standard rounded			
 DIN PZ					
		20x235x3	24x235x3	20x280x3	24x280x3
72	55	X	X		
72	60	X	X		
72	65	X	X		
72	80	X	X		
92	65			X	X
92	80			X	X
 Ö-Standard PZ					
		18x250x3	20x250x3	20x300x3	
88	55	X	X	X	
88	60	X	X	X	
88	65	X	X	X	
88	70	X	X	X	
 RZ					
		20x235x3	24x235x3	18x250x3	20x230x3
74	65	X	X		
78	60			X	X
78	70			X	X
78	80			X	X

Marked blue = stock items (available at short notice)

Strike plates are NOT included in the scope of delivery.


Suitable strike plates can be found on page 10.

NOTE:
For access from the outside, the lever handle and profile cylinder must be operated simultaneously - NO changeover function!



FULL-LEAF
Comfort or Premium

- Product features:**
- › Outside lever handle electrically engageable
 - › Self-locking, whisper latchbolt 20 mm (stainless steel)
 - › Radio and electronics protected in lock case
 - › Tamper-proof, programming button integrated in battery compartment, this can only be opened with cylinder key
 - › Up to 99 authorizations can be assigned per lock
 - › Radio frequency: 868.3 MHz / encryption AES 128
 - › Standard long-life batteries (AAA Energizer Ultimate Lithium)
 - › Premium version including certificates: EN 179 / EN 1125 EN 1634-1 / EN 14846 and panic function

Distance	Backset	Forend (polished stainless steel) Standard rounded			
 DIN PZ					
		20x235x3	24x235x3	20x280x3	24x280x3
72	55	X	X		
72	60	X	X		
72	65	X	X		
72	80	X	X		
92	65			X	X
92	80			X	X

Ö-Standard PZ							
		18x250x3	20x250x3	20x300x3			
88	55	X	X	X			
88	60	X	X	X			
88	65	X	X	X			
88	70	X	X	X			



RZ							
		20x235x3	24x235x3	18x250x3	20x230x3		
74	65	X	X				
78	60			X	X		
78	70			X	X		
78	80			X	X		

Marked blue = stock items (available at short notice)



TUBULAR FRAME
Comfort or Premium

- Product features:**
- › Outside lever handle electrically engageable
 - › Self-locking, whisper latch bolt 20 mm (stainless steel)
 - › Radio and electronics protected in lock case
 - › Tamper-proof, programming button integrated in battery compartment, this can only be opened with cylinder key
 - › Up to 99 authorizations can be assigned per lock
 - › Radio frequency: 868.3 MHz / encryption AES 128
 - › Standard long-life batteries (standard lithium battery 1/2 AA 3.6V)
 - › Premium version including certificates: EN 179 / EN 1125 EN 1634-1 / EN 14846 and panic function (available on request)

Distance	Backset	Forend (polished stainless steel) Standard edged			
 DIN PZ	 Ö-Norm PZ				
		24x245x3			
92	35	X			
92	40	X			
92	45	X			

RZ							
		24x245x3					
94	35	X					
94	40	X					
94	45	X					

Marked blue = stock items (available at short notice)

Strike plates are NOT included in the scope of delivery.

Suitable strike plates can be found on page 10.



GLASS DOOR LOCK

Comfort

Product features:

- › Distance dimension: 72 mm
- › Backset: 55 mm
- › Outside lever handle electrically engageable
- › Panic function
- › Self-locking, whisper latch bolt 20 mm (stainless steel)
- › Radio and electronics protected in lock case
- › Tamper-proof, programming button integrated in battery compartment, this can only be opened with cylinder key
- › Up to 99 authorizations can be assigned per lock
- › Radio frequency: 868.3 MHz / encryption AES 128
- › Standard long-life batteries (AAA Energizer Ultimate Lithium)
- › Can be combined with Vario Star Top Speed and Flat fittings from Südmetail
- › Round cylinder version available

Glass door counter box on request:
angebotswesen@suedmetall.com

Possible combinations from the range of fittings:



Ronny-R



Madrid-R



Paula-R



Jill-R



Erika-R



Alaska-R

EVERYTHING FROM A SINGLE SOURCE - THAT'S SÜDMETALL

I/O MODULE

The I/O module enables existing access systems to communicate with Südmetail locking system products. This allows existing and new systems to be combined and ÜLock locks to be easily retrofitted.



Control system:

- › Keypad, RFID, finger scan possible
- › Radio controllable with handheld transmitter

(Information about the systems can be found from page 16)

Glass door hinges:

- › Available in 2 parts or 3 parts

(Further glass door hinges can be found in our catalog "Fascination Fittings")

Fittings

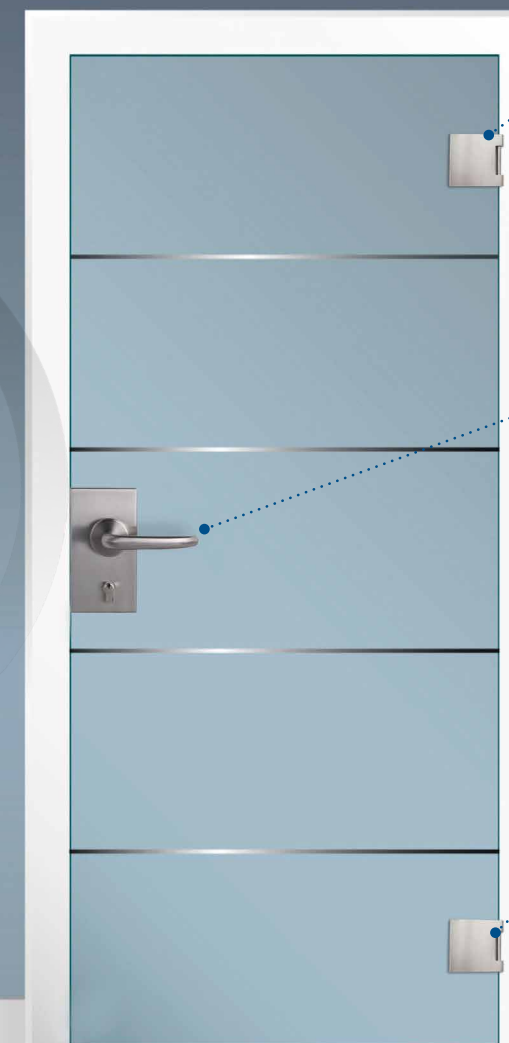
- › Top Speed or Flat fittings can be used

(Many different designs can also be found in our catalog "Fascination Fittings")

Frame mountings

- › Wood or steel frame

(For more information, please refer to the catalog "Fascination Fittings")



Südmetail offers many other lever handle sets for combination. You can find our full range in the catalog Fascination Fittings (Art.No. 36.06.0010). All models of the series Vario Star Top Speed and Flat are suitable for a combination with the ÜLock-B Battery for glass doors.



ÜLock-B striking plates for full-leaf doors

Strike plate for use in combination with the ÜLock-B Battery, ÜLock-B Cable or ÜLock-B Basic.

170 x 20 x 3
DIN-L rebate door / DIN-R rebate door

Product features:
› Material: Stainless steel



ÜLock-B striking plates for full-leaf doors

Strike plate for use in combination with the ÜLock-B Battery, ÜLock-B Cable or ÜLock-B Basic.

170 x 24 x 3
DIN-L rebate door / DIN-R rebate door

Product features:
› Material: Stainless steel



ÜLock-B strike plates for tubular frame doors

Strike plate for use in combination with the ÜLock-B Battery.

245 x 24 x 3
DIN L/R can be used

Product features:
› Material: Stainless steel

Special designs available on request!



WORLD'S FIRST

Inductive energy transmission WITHOUT battery. WITHOUT cable.

FULL-LEAF

Comfort or Premium

Product features:

- › External lever handle can be electrically coupled
- › Panic function
- › Self-locking, whisper latch bolt 20 mm (stainless steel)
- › Radio and electronics protected in lock case
- › Up to 99 authorizations can be assigned per lock
- › Radio frequency: 868.3 MHz / encryption AES 128
- › Inductive energy transmission - no battery change and no wiring of the door leaf required
- › Premium including certificates:
EN 179 / EN 1125 / EN 1634-1 / EN 14846
(Available on request)






TUBULAR FRAME

Comfort or Premium




Product features:

- › External lever handle can be electrically coupled
- › Panic function
- › Self-locking, whisper latch bolt 20 mm (stainless steel)
- › Radio and electronics protected in lock case
- › Up to 99 authorizations can be assigned per lock
- › Radio frequency: 868.3 MHz / encryption AES 128
- › Inductive energy transmission - no battery change and no wiring of the door leaf required
- › Premium including certificates:
EN 179 / EN 1125 / EN 1634-1 / EN 14846
(Available on request)

Distance	Backset	Forend (polished stainless steel) Standard rounded			
 DIN PZ					
		20x235x3	24x235x3	20x280x3	24x280x3
72	55	X	X		
72	60	X	X		
72	65	X	X		
72	80	X	X		
92	65			X	X
92	80			X	X
 Ö-Norm PZ					
		18x250x3	20x250x3	20x300x3	
88	55	X	X	X	
88	60	X	X	X	
88	65	X	X	X	
88	70	X	X	X	
 RZ					
		20x235x3	24x235x3	18x250x3	20x230x3
74	65	X	X		
78	60			X	X
78	70			X	X
78	80			X	X

Marked blue = stock items (available at short notice)

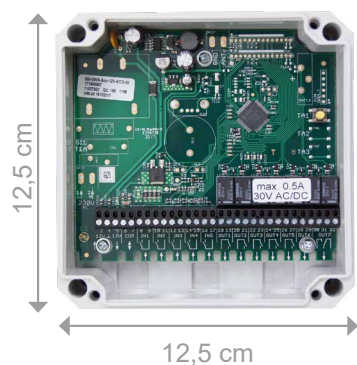
Marked blue = stock items (available at short notice)

Distance	Backset	Forend (polished stainless steel) Standard edged			
 DIN PZ  Ö-Norm PZ					
		24x245x3			
92	35	X			
92	40	X			
92	45	X			
 RZ					
		24x245x3			
94	35	X			
94	40	X			
94	45	X			

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Strike plates are included in the scope of delivery.



Practical 2-wire cable



ÜLock-B Cable security lock

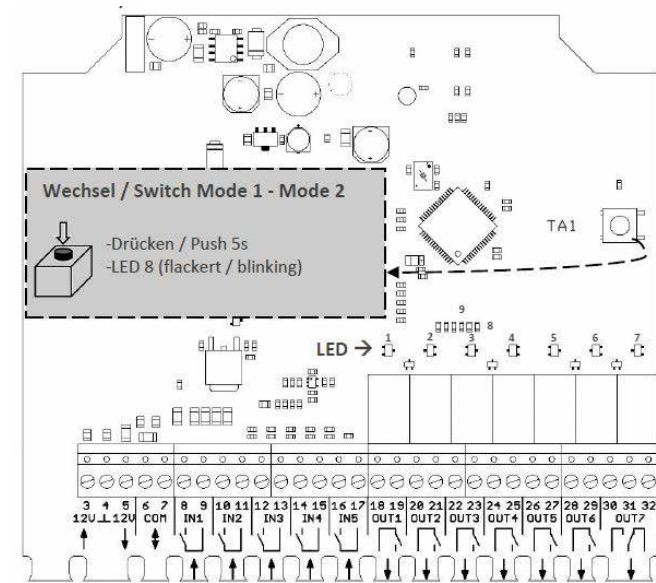


Compact EWS Eco I/O module

THESE THREE MAKE IT DOUBLY EASY!
Trio for more safety

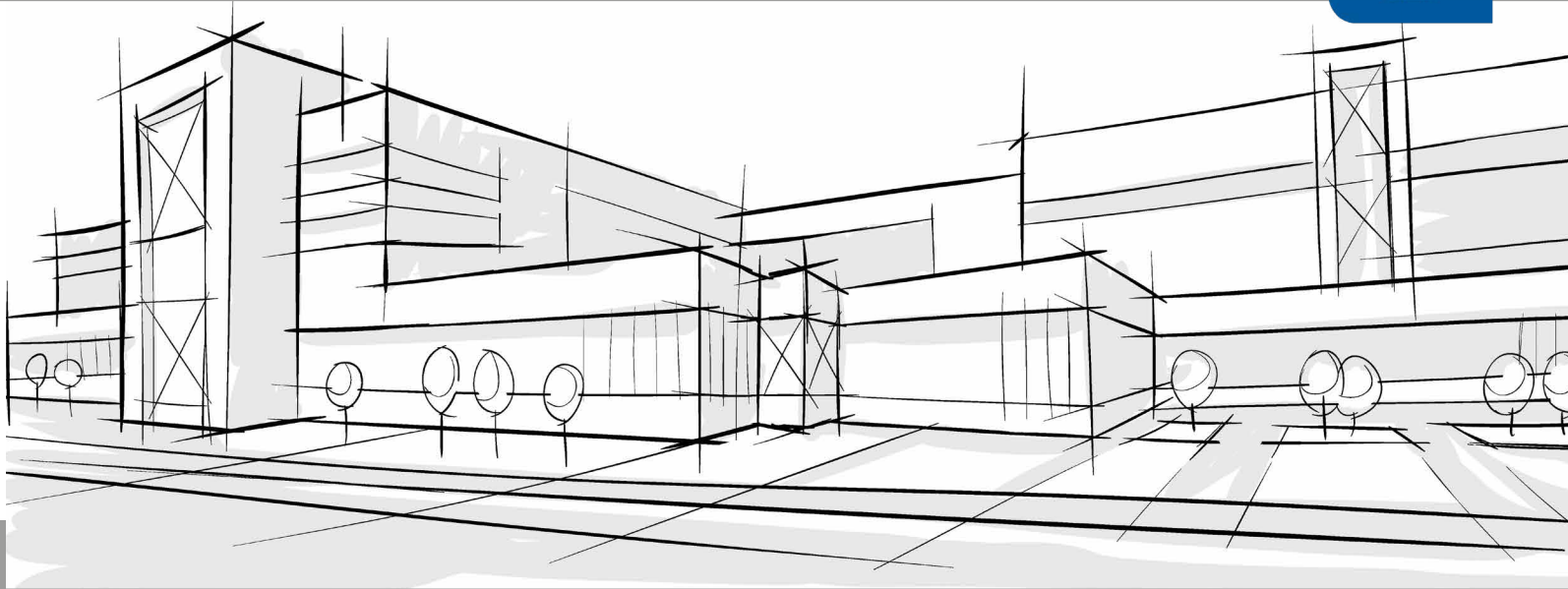
Range of services:

- › **First Class:** Highest quality level for the upper class in terms of safety
- › **Successful even over long distances:** Up to 20 m distance between ÜLock and I/O module possible
- › **Your data is treated confidentially:** Permanently encrypted data transmission for optimum protection against manipulation
- › **We are versatile:** All relevant status messages available
- › **Flexibility is important to you?** Choose spontaneously between short-time and permanent unlocking
- › **For permanent security:** Extended sequence protection
- › **A reliable partner even in an emergency:** ÜLock-B Cable including panic function and mechanical emergency open via the profile cylinder
- › **Quick opening on command:** ÜLock external lever handle can be electrically engaged
- › **It stays exciting:** Operating voltage 12V DC or 230V AC



Operating voltage (depending on variant) 230V AC or 12V DC

3	+12V DC IN	
4	GND	
5	+12V DC OUT (max. 200mA)	
6/7	Connection to the ÜLock-B Cable	
IN 1	Temporary release	
IN 2	Open (OPEN)	
IN 3	Close (CLOSE)	
IN 4	Mode 1 Change open-close	Mode 2 Edge-controlled
IN 5	External door contact (NO)	
Out 1	Door closed (NO) ("Latch bolt locked" AND "ext. Door contact ")	
Out 2	Cylinder key actuated (NO)	
Out 3	Press button 1 (NO)	
Out 4	Press button 2 (NO)	
Out 5	Locked (NO) ("Latch bolt locked" AND "lever handle disengaged")	
Out 6	Sabotage	
Out 7	Handle coupled (NO) Handle disengaged (NO)	





FULL-LEAF
Premium




- Product features:**
- External lever handle can be electrically coupled
 - Panic function
 - Lever handle follower: 9 mm
 - Cylinder: Profile cylinder (PZ), round cylinder (RZ)
 - Self-locking, whisper latch bolt 20 mm (stainless steel)
 - Power supply and control by means of a connection cable (2-wire, for connecting the lock to the I/O module EWS Eco)
 - Data transmission secured against manipulation
 - Potential-free feedback signals available on the I/O module
 - Certificates: EN 179 / EN 1125 / EN 1634-1



I/O module EWS Eco



Connecting cable:
2-wire

Distance	Backset	Forend (polished stainless steel) Standard rounded			
 DIN PZ					
		20x235x3	24x235x3	20x280x3	24x280x3
72	55	X	X		
72	60	X	X		
72	65	X	X		
72	80	X	X		
92	65			X	X
92	80			X	X
 Ö-Standard PZ					
		18x250x3	20x250x3	20x300x3	
88	55	X	X	X	
88	60	X	X	X	
88	65	X	X	X	
88	70	X	X	X	
 RZ					
		20x235x3	24x235x3	18x250x3	20x230x3
74	65	X	X		
78	60			X	X
78	70			X	X
78	80			X	X

Marked blue = stock items (available at short notice)

Strike plates are NOT included in the scope of delivery.

Suitable strike plates can be found on page 10.



I/O MODULE EWS ECO

The I/O module enables existing access systems to communicate with the Südmittel ÜLock-B Cable. The connection between the lock and the I/O module is made via a two-core connection cable. The transmitted data is protected against manipulation by means of AES 128 encryption.

- Product features:**
- Supply voltage: 12V DC or 230V AC (depending on variant)
 - Unlocking: Short-term open
Long-term open until cancelled
 - Control: Potential free contact
 - Dimension: 125 x 125 x 53 mm
 - Installation: Surface-mounted housing IP54
 - Feedback: See page 12



CONNECTION CABLE

2-core flexible connection cable for coupling the ÜLock-B Cable with the I/O module EWS Eco.

- Product features:**
- Length: 10 m
 - Diameter: 4 mm



CABLE SPIRAL

The standard cable transition set serves as cable protection in the area of movable to fixed elements such as doors, windows, etc.

- Product features:**
- Length: 500 mm
 - Colors: white / silver
 - Inner diameter: 10 mm
 - Outside diameter: 13 mm



CABLE TRANSITION MD 1188

Cable spiral including mounting tray for concealed routing of the connection cable from the door leaf into the frame.

- Product features:**
- Dimension: 20 x 346 x 15 mm (WxHxD)
 - Spiral spring EN 10270-1 DH
 - Length: 337 mm
 - Inner diameter: 8 mm
 - Outside diameter: 10.8 mm
 - Opening angle 180 °
 - Corrosivity category C3, DIN EN ISO 12944-2
 - Maximum cable diameter: 6 mm
 - Cable loop min. 30 mm on the receiving box or spiral spring



STAND ALONE SOLUTIONS...

... are ideal for small to medium-sized properties with a manageable number of doors and users, where networking is not required. The control systems offered here are optimized for combination with all kind of security locks ÜLock-B from Südmittel.

Thus, a high security standard can be guaranteed. The lock and the control system are simply connected to each other via a teach-in button located in the lock case.



BIO KEY KEYPAD

The Bio Key keypad is a practical access solution for small and medium-sized businesses, as well as for private households. The danger of locking yourself out or losing your key is a thing of the past. The outdoor unit is potted dust and waterproof according to IP 65. Keypad and lock communicate with each other via radio.

Product features:

- › Access code: Optionally 4 to 6 digits
- › Memory locations: 1 master code at the same time user code
- › Transceiver unit: Integrated
- › Operating voltage: 12 - 24V DC
- › Data transmission: Encrypted via AES 128
- › Surface: Stainless steel



BIO KEY RFID

RFID cards/transponders are individually programmed and grant or deny access to objects such as offices, law firms or hotels. The control system and lock communicate with each other via radio. The outdoor unit is encapsulated dust and waterproof according to IP 65.

Product features:

- › Memory locations: Up to 150 cards/transponders can be taught-in
- › Transceiver unit: Integrated
- › Operating voltage: 12 - 24V DC
- › Data transmission: Encrypted via AES 128
- › Surface: Stainless steel



BIO KEY FINGERSCAN

The finger scan is an optimal solution for small to medium-sized properties, because the user's own fingerprint is unmistakable and is therefore ideally suited for use in the course of an access control system. Locking out or the danger of losing the key no longer exists. The reading surface is kept at a constant temperature of 29°C and is encapsulated to be dust and waterproof in accordance with IP 65. The control system and lock communicate with each other via radio.

Product features:

- › Memory locations: Up to 150 fingers can be taught-in
- › Transceiver unit: Integrated
- › Operating voltage: 12 - 24V DC
- › Memory management: As option
- › Data transmission: Encrypted via AES 128
- › Surface: Stainless steel
- › Radio frequency: 868 MHz

Network-compatible version (RS485 or TCP/IP) available on request.



HAND TRANSMITTER

The handheld transmitter offers the greatest comfort and is comparable to a car remote control. Equipped with AES 128 encryption, radio signals cannot be misused. The hand transmitter offers two variants of opening: short-term open or long-term open until revoked.

Product features:

- › Memory locations: Can be taught-in in any number of locks
- › Radio frequency: 868.3 MHz
- › Battery: Lithium button cell CR 2032
- › Data transmission: Encrypted via AES 128
- › Range: Up to 5 meters depending on environment and door condition
- › Opening function: Short time open for 5 sec. / long time open until revoked

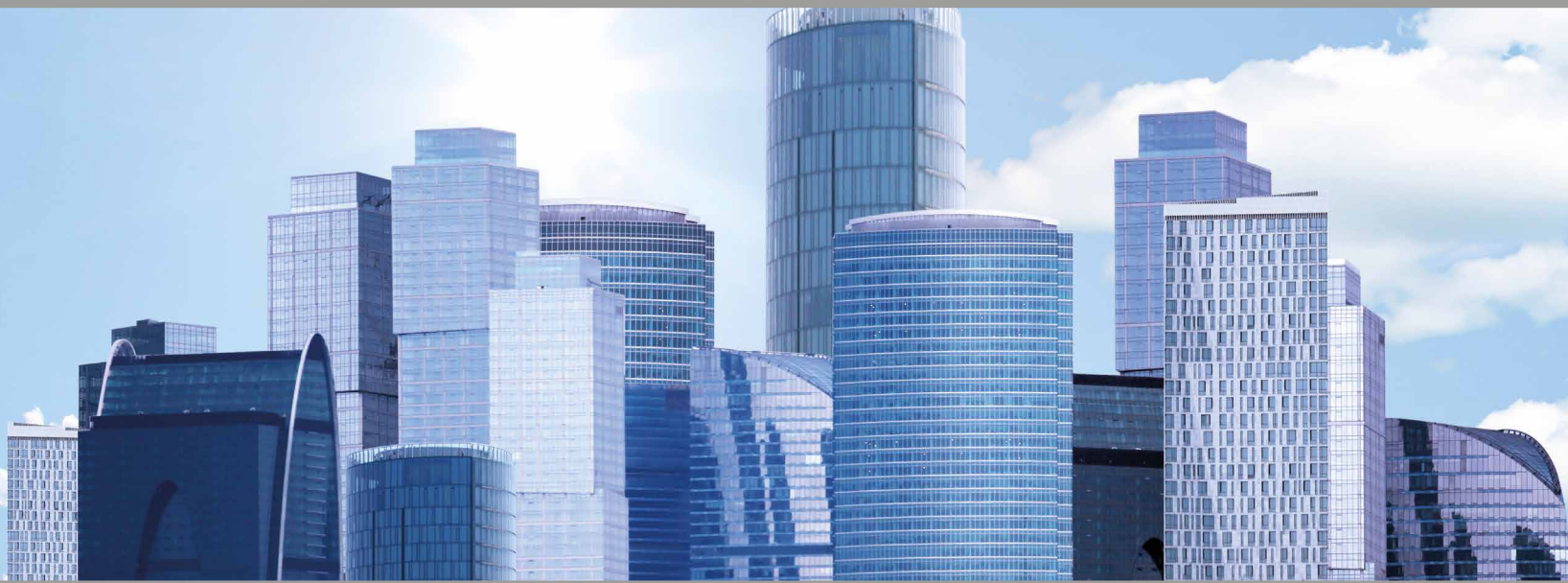


I/O MODULE

The I/O module enables existing access systems to communicate with Südmittel locking system products. This means that existing and new systems can be combined and ÜLock locks can be easily retrofitted.

Product features:

- › Connection voltage: 12 - 24V DC
- › Unlocking: Short-term open
Long-term open until cancelled
- › Control: Potential-free contact
- › Programming: Via programming button in the lock
- › Dimension: 46 x 46 x 20 mm
- › Installation: Flush-mounted box
- › Feedback: ÜLock-B battery low, outside handle activated
- › Latch bolt extended on request



ÜMANAGEMENT SYSTEM...

... offers property managers a high degree of convenience and is therefore particularly recommended for large buildings with a large number of users. Access control can be individualized by installing software. For example, it is possible to restrict access

to selected days of the week or times of day. Another form of individualization is the creation of user groups with different access rights. The data is conveniently transferred to the Mifare cards via a card reader on the PC - ACCESS ON CARD.



MIFARE CLASSIC KEYCHAIN

The Mifare Classic key fobs serve as a means of identification and thus as an alternative to the Mifare Classic cards. The individual data is stored on the transponders, so that the RFID reader recognizes whether the person has access authorization or not.

Product features:

- › Material: ABS plastic blue-grey or
ABS plastic blue/stainless steel
- › Storage capacity: 1 kB



ÜMANAGEMENT SOFTWARE

Software for organizing and managing access authorizations.

Product features:

- › Number of doors: Up to 80 doors per client
- › Structure: Users / User groups
- › Time management: Time zones / Weekdays
- › Access authorization: Time-definable
- › Event memory: Readout via USB interface on wall reader
- › Access authorization: Individually programmable
- › Operating system: Windows 7 and new
- › Data storage: "Access on Card" via RFID card reader
- › Credit function: Loaded with points, points are deducted with each access

Südmmetall®

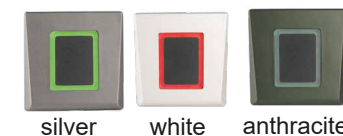
MIFARE CLASSIC CARDS

Mifare Classic cards (1kB) serve as a means of identification. The individual data is stored on the card, so that the RFID reader recognizes whether the person has access authorization or not.



ÜMANAGEMENT RFID READER

RFID wall reader for direct control of a ÜLock-B via radio. The light element of the wall reader can shine in white as an orientation aid. The color green confirms the access permission, red signals the missing access permission.



Product features:

- › Control ÜLock: Radio 868.3 MHz
- › Card/transponder format: Mifare Classic, memory minimum 1kB
- › Reading distance: Maximum 6 cm
- › Configuration: Configuration card is programmed using ÜManagement software
- › Operating voltage: 12V DC
- › Dimension: 80 x 80 x 28 mm
- › Installation: Standard flush-mounted box
- › Event memory: Readout via Micro USB interface on the wall reader
- › Surface: Plastic
- › Color cover frame: Silver, anthracite, white
- › Color of light element: White, green, red



ÜLock BLE enables door opening via smartphone and is ideal for offices, medical practices, hotels, vacation homes and much more. It is the combination of the following products:

ÜLOCK-B BATTERY OR INDUCTIVE

The ÜLock-B Battery and ÜLock-B Inductive locks are available as BLE variants. The locks can be controlled very conveniently with the help of the KleverKey app.

Product features:

- › Outside lever handle can be coupled electrically (with the KleverKey app)
- › Panic function
- › Self-locking, whisper latch bolt 20 mm (stainless steel)
- › Radio and electronics protected in lock case
- › Radio frequency BLE 2.4 Ghz (KleverKey-specific encryption of data transmission)
- › Locks optionally battery operated or inductive
- › Premium variant including certificates: EN 179 / EN 1125 / EN 1634-1 / EN 14846

Product features:

- › Control of the lock via BLE with the KleverKey app
- › Access authorization optionally once / for 24h / according to individual time profile (cloud query before release)
- › Permanent access authorization (possible without cloud query)
- › Administration via cloud (data protection): Authorization of users, management of time profiles, viewing of event logs, "low battery" info
- › Location navigation function
- › High security standards (eBanking standard)

KLEVERKEY APP

With KleverKey, digital authorizations can be managed easily and conveniently. This is done either directly with the KleverKey app or via the KleverKey portal (my.kleverkey.com).

KleverKey is a vendor-independent access and authorization management system from Switzerland.

ELECTRONIC CYLINDER

Convenience and security in a locking system are more important than ever in today's world. The electronic knob cylinder from Südmetall can be installed in both small and medium-sized objects. The knob cylinder is a universally applicable locking unit. It offers almost unlimited combination possibilities and the variable lengths of the cylinder allow installation in all doors. The compatibility of the cylinder with standard mortise locks enables simple and cost-effective retrofitting.

Product features:

- › Electronic knob, 40 mm and 45 mm
- › Battery operated (two batteries CR2 Lithium 3V)
- › Nickel-plated brass housing and hard plastic cover
- › Simple installation by snapping the knob module into the cylinder
- › Inside knob mechanical 29 mm and 34 mm
- › Different lengths selectable
- › Cylinder, nickel-plated brass



Further information in our security systems brochure for electric cylinders 36.06.4767



C1 CONTROLLER

For controlling on-site locks with the KleverKey app via BLE.



Product features:

- › Control of a potential-free contact via KleverKey App
- › Access authorization optionally once / for 24h / according to individual time profile (cloud query before release)
- › Permanent access authorization (possible without cloud query)
- › Administration via cloud (data protection): Authorization of users, management of time profiles, viewing of event logs
- › Power supply: 9 - 24V DC
- › Plastic housing
- › Dimensions 76 x 54 x 22 mm



VOXIO WALL READER

The wall reader is available either battery-powered or with external supply voltage.
Can be used as stand-alone or as a system solution via software.

Product features:

- › Mounting: Surface or flush mounting possible, dust- and waterproof (IP 54)
- › Compatible with various card standards:
 - ISO 14443A/B, Legic Prime / Advant
 - Mifare classic / DESFire, INSIDE (only UID)
 - SonyFeliCa (only UID)
- › Up to 320 authorizations per reader
- › Radio interface integrated in reader (868 MHz / AES 128 encrypted)
- › Tamper-proof transmission
- › Very easy coupling with the lock
- › No I/O module required
- › Attractive, modern design

Characteristics:

- › Connection to the reader by means of the "NMT" programming device
- › Management of users and user groups by means of software
- › Protocols can be read out
- › Radio 868.3 MHz to ÜLock, encryption AES 128



STAND ALONE OPERATION

With master cards



Characteristics:

- › No software
- › Group master cards
- › Easy management through the creation of groups of people
- › Groups of people can be stored specifically in different readers
- › Deletion of individual groups of persons possible

ÜLOCK + VOXIO TOUCH READER

A PERFECT SYMBIOSIS FOR SYSTEM PROVIDERS

- › The ÜLock radio lock can be directly controlled by means of a Voxio Touch reader
- › Easy retrieval of all status information
- › ÜLock-B Battery radio lock replaces door openers, motor locks, etc...
- › No wiring: simple retrofitting without structural measures
- › Panic function and fire protection tested





SWITCHING POWER SUPPLIES...

... for the power supply of Südmittel systems offer a suitable solution for every requirement and are matched to the Südmittel components (ÜLock-B Inductive /RFID reader). The flush-mounted power supply units for installation in a standard flush-mounted box are particularly suitable for a decentralized power supply, as there is usually a 230V power source (e.g. a socket) near the door.

Alternatively, the power supply unit (version "automatic rail") can be mounted in a control cabinet. With the help of one of the power supply units listed below, the function of the system can be maintained even in the event of a power failure. The use of this option is recommended for particularly sensitive objects.



ELTAKO SNT 61
A feature of the Eltako SNT 61 is the integrated autorecovery function (automatic connection after fault clearance), which protects against overheating and overvoltage.



ELTAKO SNT 12
Eltako SNT 12 is a rail mounted device for DIN-EN 60715 TH35 rail mounting. 1 division unit = 18 mm wide, 58 mm deep.



OTQ 1212Y
The OTQ 1212Y switched-mode power supply is suitable for panel mounting. This power supply unit offers countless application possibilities due to its small dimensions combined with its performance. Simple connection through plug-in terminals.



PSU 12V24W
The switching power supply is equipped with protection against overvoltage and short circuit. An LED indicator shows whether the output voltage is properly applied. The PSU 12V24W 1.4Ah additionally enables an emergency power supply with the help of the integrated backup battery LifePo4 1.4A. Thus, the power supply of 12V DC can be maintained in case of a power failure.

	ELTAKO SNT 61	OTQ 1212Y	ELTAKO SNT 12	PSU 12V24W
Assembly	Flush-mounted	Flush-mounted	Mounting rail	Mounting rail
Input voltage	230V AC (-20% to +10%)	230V AC	230V AC (-20% to +10%)	230V AC
Output voltage	12V DC	12V DC	12V DC	13,8V DC (Battery operated: 12,8V)
Electricity	0,5 A	1,0 A	1,0 A	2,0 A
Battery				1,4 Ah
Efficiency	81 %	83,5 %	83 %	
Stabilized Output voltage	±1 %	±0,5 %	±1 %	±0,5 %
Dimensions	45 x 45 x 33 mm	54,5 x 50,8 x 26,1 mm	18 x 58 mm	123 x 93 x 60 mm
Short circuit proof	✓	✓	✓	✓



CONTROL ÜLOCK-B BATTERY BY MEANS OF BATTERY RADIO KEYPAD PERFECT FOR RETROFITTING

RADIO KEYBOARD

- › High quality surface mount housing
- › Up to 99 PIN codes possible
- › User codes between 1 and 8 digits selectable
- › Optionally battery powered or 12V DC powered
- › Blue backlight
- › LED display (output lights green and red; menu lights orange)
- › Different color variants

SAFETY

- › Door is always locked (self-locking)
- › Encrypted data transmission between keypad and lock
- › Can be used in fire protection and panic doors
- › Mechanical opening by means of profile cylinder

COMFORT

- › Simple operation / control with keyboard
- › 99 different user codes possible
- › Comfortable access, pressing the handle to open the door
- › Permanent opening mode can be set directly on the keypad
- › No wiring due to battery operation



COMFORTABLE SOLUTION FOR FRONT DOORS IN MULTI-PARTY BUILDINGS

ÜLOCK-B WITH SWIVELING PUSH HANDLE

- › Convenient opening of the door via swiveling push handle: The ÜLock lock is unlocked via the handle followed by radio and subsequent pushing or pulling of the push handle.
- › Compatible with all Südmittel access control systems and ÜLock-B locks
- › No wiring of the door required (ÜLock-B Battery and ÜLock-B Inductive) - thus optimal retrofit
- › Handle Ø 30 mm, length 450 mm
- › Stainless steel satin finish push handle
- › Barrier-free according to DIN 18040-1 and DIN 18040-2

SAFETY

- › Encrypted data transmission between lock and control unit
- › Tamper-proof, all electronics are located in the lock case
- › Self-locking, the door is always locked (opening by access control system)
- › Emergency opening by means of conventional cylinder

COMFORTABLE CONTROL

- › With the help of an I/O module, the door can be controlled by the "door opener function" of the intercom system in apartment buildings
- › The door cannot burst open in the event of accidental activation, as is the case with conventional door openers
- › Simple retrofitting
- › Additional opening function with conventional cylinder key



BATTERY OPERATED



ÜBAR

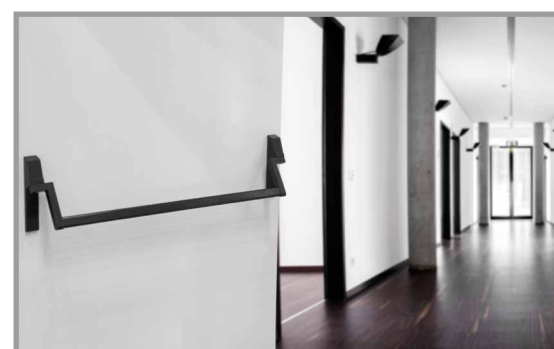
Panic bar for use according to EN 1125. Slim and attractive design, surface standard stainless steel. No risk of crushing thanks to gapless cover caps.



Product features:

- › Distance dimension: 72, 88, 92 mm
- › Lever handle: Square 9 mm
- › Rotation angle:
 - 30 degrees (in conjunction with ÜLock-B)
 - 35 degrees on request
- › Cylinder: Profile cylinder (PZ)
- › Door width maximum: 1,257 mm
- › Body: 90 mm
- › Surface: Satin stainless steel, optionally stainless steel with antimicrobial surface "ABACO" or with individual coatings
- › Round cylinder version available

Individual coatings on request.



ÜLOCK-B BATTERY

Sample stand equipped with a ÜLock-B Battery full-leaf lock and radio handheld transmitter.



ÜLOCK-B INDUCTIVE

Sample stand equipped with a ÜLock-B Inductive full leaf lock and radio handheld transmitter.



ÜLOCK-B INDUCTIVE

Sample stand equipped with a ÜLock-B Inductive tubular frame lock and radio handheld transmitter.



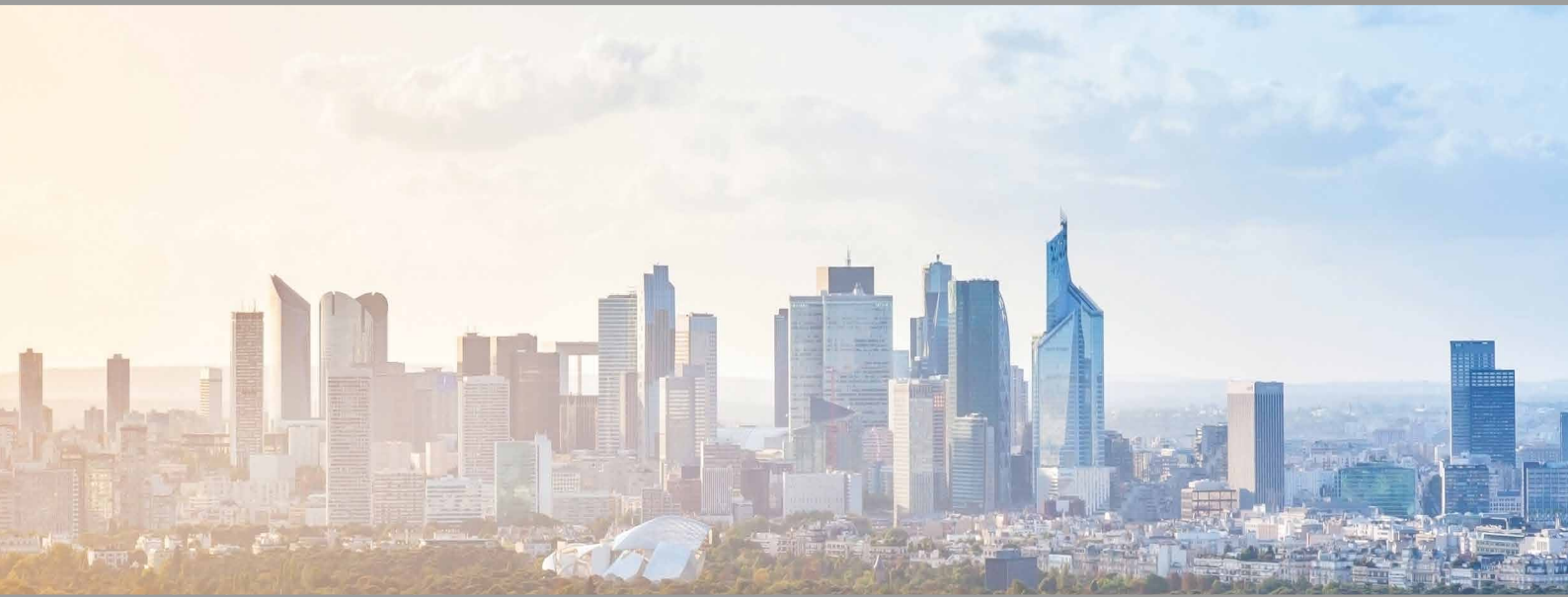
ÜLOCK-B BATTERY FOR GLASS DOORS

Sample stand equipped with a ÜLock-B Battery radio security lock for glass doors and radio hand transmitters.



ÜBAR

Sample stand equipped with a ÜLock-B Battery radio security lock for glass doors and radio handheld transmitter.



ABACO

ABACO is a surface with antibacterial and antimicrobial properties from our own production. This provides effective protection against pathogenic germs and is extremely durable and wear-resistant. Door fittings, such as the ÜBar panic bar, are available with a hygienic ABACO surface.

The effectiveness is guaranteed for 20 years (see warranty statement on our website).
For more information, see brochure 36.06.4781 or www.suedmetall.com.



SICURA PAULA

The Sicura Paula fitting from the Südmetall range meets the criteria for escape and panic doors. For this reason, the fitting can be excellently integrated into an access control system solution.

Product features:

- › Stable steel substructure
- › Handle: Fixed / rotatable
- › Tests: DIN 18257, DIN 18273, EN 179



NARROW FRAME SETS

Narrow frame sets with stable metal substructure, composite rosette and hold-up spring. Mounting is possible either with or without dowel technology. They offer a good solution for tubular frame doors, are extremely stable and of high quality. You will find many other models in the "Fascination Fittings" catalog.

Product features:

- › Mounting system: Vario Star Top Speed
- › Handle: Fixed / rotatable
- › Tests: DIN 18273, EN 179



Top speed oval assembly video



NOCTILUCENT ORIENTATION CLIP

The orientation light completely without electricity! The unique and patented technology stores light and emits it again in the dark.

Under normal conditions of use, the light elements are charged in 10-15 minutes and can emit their luminosity for up to ten hours.



JÖRG BÄRENFÄNGER

Head of Product Management & Export Security Systems

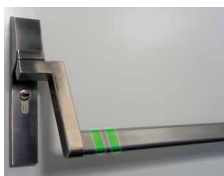
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