TECTIQ Security narrow frame fitting

SIMPLE. ACCESS. ORGANISATION. With the digital TECTIQ locking system.

The electronic fitting with RFID reader wirelessly integrates the mortise lock of your door into the TECTIQ access control system. It grants people access according to their authorisation on the locking medium (transponder, card). Data exchange is encrypted and protected against read-out (MIFARE® DESFire®). The battery-operated door component requires no external cabling or wireless connection.

Validation/update
ABUS TECTIQ stores authorisations and events on the RFID locking medium (data-on-card) and exchanges the data wirelessly with the fitting and system. The status LED signals to users whether they are authorised to access the door.

Attractive design, top quality
The high-quality narrow-frame fitting in stainless steel look blends into any environment with its clear design language. There is a choice of 7 handle shapes, giving the fitting its individual character.

Wide range of variants
The robust narrow frame fitting is suitable for all standard external and internal doors, and with the fire-resistant option also for fire and smoke protection doors (T90). Incl. panic function for panic doors (only with mortise lock in accordance with EN 179). Each version has a base plate made of hardened steel. For maximum security, e.g. on external doors, we recommend this version of the narrow frame fitting.

Made-to-measure installation: on timber, aluminium and steel doors
The door fitting is suitable for all door thicknesses from 32 to 121 mm, whether with Euro profile cylinder, round profile cylinder, oval cylinder or without cylinder. Renovation plates are available for the seamless replacement of old fittings.

Technologies

- Electronic security fitting for simple, flexible installation on all standard doors (solid leaf, profile frame, timber, aluminium, steel, PVC), wirelessly networked with the TECTIQ system, ideal for retrofitting in new and existing buildings
- TECTIQ fitting with RFID reader for contactless presentation of TECTIQ locking media. Secure, readout-protected RFID procedure via MIFARE® DESFire® with Bluetooth interface for TECTIQ Admin App
- Compact, high-quality security fitting with 40 mm width and impact, drilling and torsion protection for high security on external doors; in a discreet, purist design line and timeless stainless steel look; lever handle available in various shapes
- High level of convenience and secure, intuitive access by operating the usual door handle; fitting with RFID reader allows the door to be opened from the inside at any time; fulfils the highest security standards in accordance with SKG***
- Suitable for complete building equipment on doors with or without mechanical profile cylinder (with or without redundant operation), on smoke and fire doors, escape and rescue routes, panic doors and security doors
- Customisable narrow frame fitting for internal and external doors (IP56) with door thicknesses of 32-121 mm, for installation with cylinder or without; flexible installation on any door (square spindle with 8/8.5/9/10 mm)
- Intuitive office mode: access by simply pressing the push-button in "permanently open" mode during office/opening hours according to the schedule; activation and deactivation of office mode with the first entry or exit by an authorised user
- Optional accessories: Renovation plates to cover the drill holes or imprint marks from old fittings (e.g. on office doors)
- Tested, certified quality: EN 16867 Class 4 (MDF), EN 179 (B-E), abZ, SKG***
- Discreet colouring; fitting body and lever handle: stainless steel; RFID reader unit: black

Technical data - TECTIQ Security narrow frame fitting

Administration	AccessManager Software & Control Centre
Area of application	Electronically controlled outside handle, inside handle always engaged (no RFID reader on the inside), Suitable for doors with high frequency of use and heavy loads, Service class 4 in accordance with EN 16867
Backset	25
Backup power supply	Yes, USB
Battery - runtime	At 20 °C (room temperature): up to 85,000 cycles or 3.5 years if not actuated or up to 3 years with approx. 10 accesses per day
Battery - type	3 x Varta Ultra Lithium L92 Micro AAA
Battery compartment	In the interior fitting
Battery warning stages	2 levels (optical/delayed access)
Bluetooth version	5.1
Certifications	SKG***, DIN EN16867 Class 4, EN179, IP53 (IP56)
Colour	Black / Silver

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Core pulling protection cover	No
Corrosion protection	Corrosion protection in accordance with DIN EN 1670 class 4 (salt spray test, 240 hours), class 4 in accordance with EN16867
Design	Narrow frame fitting
Dimensions	289 x 40 x 24 mm
Distance measure	without profile cylinder perforation, Euro profile: 92 mm
Drill protection	Yes
Encryption	AES-128 bit
Extension steps	Graduated in 14 mm steps
Factory reset	Yes
Fatigue strength	> 200,000 cycles (in accordance with EN 16867, EN 179)
Fire protection class	T90 for steel, timber and tubular frame doors
Fixing points	3-point screw connection: 105 mm (above square), 21.5 mm, 145 mm (below square pin)
Functional principle	Can be electronically coupled on the outside, coupled on the inside
Handle travel	Max: 45°, upward movement possible
Height	289 mm
Humidity	Rel. humidity: 20% to 99%, non-condensing
Inside depth without handle	20 mm
Item abbreviation	TEC-B-LA-SEC
Locking cylinder profile recess	Euro profile cylinder, without profile cylinder insert
Material	Fitting: steel | lever handle: stainless steel | RFID reader cover: plastic
Max. blacklist number	120
Max. operating temperature	65 °C
Maximum door thickness	121 mm
Min. operating temperature	-25 °C
Minimum door thickness	32 mm
Number of events	890
Opening time can be set	6 sec. or 12 sec.
Outside depth without handle	24 mm
Programming	Admin app, system cards
Programming technology	BLE 2.4 GHz, RFID 13.56 MHz
RFID conformity	ETSI EN 300 330
RFID frequency	13,56 MHz
RFID range	< 1 cm
RFID technology	MIFARE DESFire EV1, EV2, EV3
Real-time clock (RTC)	Yes
Security features	Freely operable external handle to prevent tampering, engagement only when an authorised locking medium is presented

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Selection of handle forms	L-shaped, mitre, U-shaped, double mitre, U-shaped offset, double mitre offset, ball lever handle
Signalling	Optical
Special functions	Yes, via software and app
Square side lengths	8mm, 8.5mm, 9mm, 10mm
Transmission power	- 4 dBm
Transponder conformity	Passive transponder ISO 14443 A (MIFARE DESFire EVx)
Transponder encryption	AES 128-bit
Update capability	yes, via app & USB cable
Use on escape and rescue routes	Yes, in accordance with EN 179, see compatibility list (must be observed)
Width	40 mm
Wireless conformity	ETSI EN 300 328
Wireless encryption	AES 128-bit
Wireless standard	Bluetooth Low Energie 2.4 GHz