

TECTIQ Dual Transponder Advanced black

MIFARE DESFire EV1 4K / EM4102

Art.-Nr. TTP20104S

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THE DIGITAL KEY FOR ABUS TECTIQ KEY SYSTEMS

Unlock doors contactlessly

This battery-free RFID key fob with MIFARE® DESFire® technology is used for contactless locking and unlocking of TECTIQ door components. When held in front of the reader unit of a door component and checked by it, the door is unlocked if authorisation is granted.

Universally applicable

The RFID transponder can be used for other applications as required, e.g. time recording systems, photocopiers and canteen billing, also on an EM4102 basis. Thanks to its robust design, the key fob is suitable for long-lasting use on key rings (resistant to dust, dirt and moisture). As a passive transponder, it does not require a battery.

Secure ease of use

Thanks to 13.56 MHz RFID technology, the components can be operated conveniently, securely readout-protected and contactless. The integrated, system-specific TECTIQ security application based on MIFARE® DESFire® technology offers maximum protection against copying and tampering.

Technologies

- Attractive RFID key fob with stainless steel mounting bracket (MIFARE® DESFire® EV1 4K / EM4102)
- Contactless opening of all ABUS TECTIQ door components (cylinders, fittings, wall readers, etc.) and other EV1/EM4200 compatible components/readers
- Can also be used for other applications, e.g. photocopiers, canteen billing and time recording
- Maximum copying and tampering protection thanks to additional integrated, system-specific ABUS security application
- Robust design for long-lasting use on key rings (resists dust, dirt and moisture)
- Simple assignment of transponder to person thanks to serial number on the back
- Passive transponder without battery

Technical data - TECTIQ Dual Transponder Advanced black MIFARE DESFire EV1 4K / EM4102

Area of application	Locking media for ABUS TECTIQ access control system with static UID
Colour	black
Design	Keyfob
Dimensions	36,5 x 45,3 x 5,5 mm
IP protection class	64
Item abbreviation	T-MIF-DES-ADV-4K-SEC-UID-DUAL-S
Material	Novodur (body), polished stainless steel (frame)
Max. operating temperature	50 °C
Min. operating temperature	-20 °C

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Technical data - TECTIQ Dual Transponder Advanced black MIFARE DESFire EV1 4K / EM4102

Programming technology	RFID (13,56 MHz / 125 KHz)
RFID conformity	ISO 14443
RFID frequency	13,56 MHz
RFID technology	MIFARE® DESFire® EV3 & EM4102
Reader type	MIFARE® DESFire® 8K EV3 (70pf) / EM 4102
Security features	Copy and read protection with MIFARE® DESFire® + ABUS security application with static UID
Transponder conformity	Passive transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Transponder programming	Access control software and card reader