TECTIQ Transponder Advanced red MIFARE DESFire EV1 4K (Security UID)

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, such as time recording systems, photocopiers and canteen billing. 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.

Desired colour variant?
This key fob is available in green, blue, red, black or white. This means that different user groups (cleaning staff, employees, management, etc.) can be given an individual colour, for example.

Technologies

- Attractive RFID key fob with stainless steel mounting bracket (MIFARE® DESFire® EV1 4K)
- Contactless opening of all ABUS TECTIQ door components (cylinders, fittings, wall readers, etc.)
- Can also be used for other applications, e.g. photocopiers, canteen billing and time recording

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- 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 personthanks to serial number on the back
- Passive transponder without battery

Technical data - TECTIQ Transponder Advanced red MIFARE DESFire EV1 4K (Security UID)

Area of application	Locking media for ABUS TECTIQ access control system with static UID
Colour	red
Design	Keyfob
Dimensions	36,5 x 45,3 x 5,5 mm
Item abbreviation	T-MIF-DES-ADV-4K-SEC-UID-R
Material	Novodur (body), polished stainless steel (frame)
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
Programming technology	RFID (13,56 MHz)
RFID conformity	ISO 14443
RFID frequency	13,56 MHz
RFID technology	MIFARE® DESFire® EV1, EV2, EV3
Reader type	MIFARE® DESFire® 4K EV1 (70pf)
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