

TECTIQ Transponder Advanced red MIFARE DESFire EV3 8K (Security UID)

Art.-Nr. TTTP10108R

Seite 1 von 2



THE DIGITAL KEY FOR ABUS TECTIQ LOCKING SYSTEMS

Contactless unlocking of doors

This batteryless 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 the user has the corresponding permission.

Universal use

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 operating convenience

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

Preferred colour variant?

This key fob is available in different colours. This means that different user groups (cleaning staff, employees, management, etc.) can be assigned an individual colour, for example.

Technologies

- Attractive RFID key fob with stainless steel attachment loop (MIFARE® DESFire® EV3 8K)
- 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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Seite 2 von 2

- Maximum protection against copying and tampering thanks to additionally 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
- Available in different colours

Technical data - TECTIQ Transponder Advanced red MIFARE DESFire EV3 8K (Security UID)

Areas of application	Locking media for ABUS TECTIQ access control system with static UID
Article abbreviation	T-MIF-DES-ADV- K-SEC-UID-R
Article program	TECTIQ
Colour	red
Construction type of device	Keyfob
Depth	5,5 mm
Diameter	36,5 mm
Dimensions	36,5 x 45,3 x 5,5 mm
Frequency	0.01356 GHz
Height	45,3 mm
Material	Novodur (body), polished stainless steel (frame)
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
Net weight	0.0112 kg
Programming technology	RFID (13,56 MHz)
Protection class IP	64
RFID conformity	ISO 14443
RFID frequency	13.56 MHz
RFID technology	MIFARE® DESFire® EV3
Reader type	MIFARE® DESFire® 8K EV3 (70pf)
Reading distance	2 cm
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
Weight	11,2 g
width	36,5 mm