ABUS Transponder Diskus MIFARE DESFire EV1 4K (Security)

Art.-Nr. 506613

THE DIGITAL KEY FOR ELECTRONIC LOCKING SYSTEMS & EMA SYSTEMS.

Contactless locking medium
The battery-free RFID chip card is the locking medium for ABUS access control systems and other ABUS security systems with MIFARE® DESFire® technology.

Universally applicable
The RFID transponder card serves as a locking medium for all wAppLoxx and TECTIQ systems. It also enables the operation of ABUS security systems, such as the Secoris intruder alarm system. Thanks to its robust design, the transponder card in cheque card format is suitable for indoor and outdoor use (IP68). As a passive transponder, it does not require a battery.

Secure ease of use
Thanks to 13.56 MHz RFID technology, these ABUS systems can be operated conveniently, securely readout-protected and contactless. The pre-programmed ABUS security application also guarantees maximum protection against copying and tampering based on MIFARE® DESFire® EV1 4K technology.

Technologies

- RFID key fob in ABUS discus design (MIFARE® DESFire® EV1 4K)
- Contactless opening of all ABUS wAppLoxx and TECTIQ door components (cylinders, fittings, wall readers, etc.)
- Operation of other ABUS security systems, e.g. Secoris burglar alarm system
- Maximum copy and tamper protection with pre-programmed 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

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Technical data - ABUS Transponder Diskus MIFARE DESFire EV1 4K (Security)

Areas of application	Locking medium for ABUS access control systems (wAppLoxx & TECTIQ)
Article abbreviation	T-Mif-Des-4K-Security
Colour	black
Construction type of device	Keyfob
Depth	6.5 mm
Diameter	33 mm
Dimensions	34 × 33 x 5,5 mm
Frequency	0.01356 GHz
Gross weight	0.015 kg
Height	33 mm
Max. Operating temperature	50 °C
Min. operating temperature	-20 °C
Net weight	0.013 kg
Programming technology	RFID (13,56 MHz)
RFID conformity	ISO 14443
RFID frequency	13.56 MHz
RFID technology	MIFARE® DESFire® EV1
Reader type	MIFARE® DESFire® 4K EV1 (70pf)
Reading distance	2 cm
Security features	Copy and read protection with MIFARE® DESFire® + ABUS security application and Random ID
Transponder conformity	Passive transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Transponder programming	Access control software and card reader
WEEE group	09
Weight	0.015 g
width	33 mm

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