ABUS Transponder black MIFARE DESFire EV1 4K (Security)
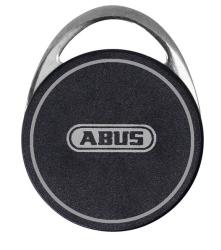
The battery-free RFID key fob is the identification medium for ABUS access control systems and other ABUS security systems based on MIFARE® DESFire®. It serves as a locking medium for all wAppLoxx and TECTIQ systems, additionally it enables the operation of other ABUS security systems, such as the Secoris intrusion detection system. Thanks to 13.56 MHz RFID technology, these security systems can be operated conveniently, securely and contact-free. The transponder itself presents itself in a very robust condition and is perfectly suitable for all indoor and outdoor applications (IP68). With the pre-programmed ABUS "security application", the highest level of copy and manipulation protection is additionally guaranteed on a MIFARE® DESFire® 4K EV1 technology basis.

Technologies

- Attractive RFID key fob (MIFARE® DESFire® 4K EV1)
- Contactless opening of all ABUS wAppLoxx and TECTIQ door components
- Operation of other ABUS security systems, e.g. Secoris burglar alarm system
- Highest copy and manipulation protection with pre-programmed ABUS security application
- Suitable for indoor and outdoor use (IP68)
- Easy management thanks to consecutive numbering
- Sturdy design
- Robust nature
- Colour: black

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

Area of application	Locking medium for ABUS access control systems (wAppLoxx & TECTIQ)
Colour	black
Design	Keyfob
Dimensions	36,5 x 45,3 x 5,5 mm
Gross weight	0,09 kg

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Height	45,3 mm
IP protection class	68
Item abbreviation	T-MIF-DES-4K Security-S
Material	Novodur (body), polished stainless steel (frame)
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
Net weight	0,06 kg
PSTI conformity required	No
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 through MIFARE® DESFire® + ABUS security application
Transponder conformity	Passive transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Transponder programming	Access control software and card reader
Width	36,5 mm