IMMOBILIZER | IMB5

Vehicle immobilizer with driver identification and automatic post-ignition protection.



- Driver ID Detection
- Automatic Post Ignition Protection
- Built in buzzeer for notifications
- Ignition blocking via A30

DRIVER IDENTIFICATION PROTECTION

Vehicle immobilizer with authorised driver recognition for protection against unauthorised vehicle access.

UNAUTHORISED ACCESS PREVENTION

Immobilization system reacting to unknown driver attempts to start or access the vehicle.

AUTOMATIC POST-IGNITION BLOCKING

Immobilizer with delayed engine shutdown when driver identification is absent, supporting anti-carjacking protection.

VEHICLE SECURITY ENHANCEMENT

Additional vehicle security layer designed to complement standard alarm systems.

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Power	
Operating voltage	9–15 V DC
Average current consumption	<10mA (12V)
Optional Control No.1 max load	300 mA

RF communication	
Frequency	2.4 GHz
Radiated pulse power	up to 1 mW
Control distance	2–4 m (depends on environment)

ID cards	
Supported quantity	Up to 5 cards (powered by a CR2032 battery, with a lifetime of over 1 year)
Operating modes	Passive (orange tag) / Active (green tag)
Communication	Encrypted 2.4 GHz bidirectional link

Operating Environment	
Operating temperature	-40 ... +85 °C
Storage humidity	Up to 95% (non-condensing)

Immobilization signal	
Feature to program contactless transponder keys (ID cards)	20 seconds after ignition OFF if no authorized ID card is detected
Negative polarity door input	authorized ID card appears + authorization button press (optional)

Anti-carjack modes	
Several scenarios	depending on ID card presence and ignition state
Countdown options	60 or 120 seconds with buzzer warnings and escalating alerts
Automatic immobilization	if no authorized ID appears
Cancelable by	authorized ID card at any time

Warnings	
Lost ID card warning	Yes
Low battery warning	Yes
Optional buzzer signals	Yes

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Input and output options

DOORS(-) input with multiple selectable functions	authorization button, autostart module input, etc.
Optional Control No.1 output configurable for	relay control, external immobilization equipment, alarm system

Pairing

DOORS(-) input with multiple selectable functions	relay control, external immobilization equipment, alarm system
Pair	up to 5 ID cards
Pair	1+ IMB6 wireless cut-off relay
Re-pairing	deletes all previous ID cards (IMB6 stays paired)

Package Contents

System unit	1
Access cards	2
Buzzer	1
7-pin cable with LED	1
Blocking relay	1
Relay socket	1
Led sleeve / LED bushing	1
Fuse holder with 3A fuse	1
Packaging box	1

Optional Accessories

IMB6 Wireless Cut-Off Relay	1
Additional ID cards	1
External relays (NO/NC)	1

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