

# RKD32-SE

## Electronic key cabinet

**roger**

**ASSA ABLOY**

### Data sheet

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RKD32-SE electronic key cabinet is an electro-mechanic key management and monitoring system. Each monitored key is permanently attached to the RFID fob by the user. Key-fob attachment does not require any specialized tool or seal. If considered necessary, the key and fob can be paired by means of an additional seal. Keys stored in sockets are blocked mechanically. They can be collected solely by authorized users and according to predefined timetables. Optionally, the cabinet can be switched to the Office Mode in which all keys are available for any user. Keys can be divided into two groups: internal and external. The key from the internal group can be collected by the user, if he/she returned earlier all keys belonging to the







external group. The user can reserve the key for a certain week's time. It is also possible to set the maximum time for which a specific key can be picked up or the time when it must be returned. In case of emergency, keys can be released by means of an emergency panel to which access is protected by means of traditional key. Any attempt to open the cabinet's door or enclosure in a forced way is registered in the event log and can be signalled on the external device or system. RKD32-SE is managed from touch type graphical control panel, which can control up to 4 cabinets (1 master RKD32-SE cabinet and 3 RKD32EXT or RKD24CT-EXT extension cabinets). User can be identified on the control panel or external reader with the Wiegand

interface or RS485 (Roger). Especially, it can be the RFT1000 fingerprint reader (Roger). Panel's software offers a simple, icon based graphic interface which requires only short training before use. RKD32-SE cabinets can be operated standalone or networked. When in networked mode, cabinet configuration and event monitoring is conducted by the RACS 5 access system (Roger). The same access credentials (card, PINs) can be used in the access control system and in RKD32-SE. In standalone mode, the cabinet can be managed from a graphical panel or remotely, via a web browser. For integration with third-party systems, the SDK is offered on individual terms.



## Features

- operates standalone or as a part of RACS 5 access control system
- local management from a control panel
- remote management from a web browser
- remote management from the RACS 5 access control system software (VISO application)
- graphic control panel with a 10" touch screen
- ISO/IEC 14443A MIFARE® Ultralight, Classic, Plus and DESFire EV1, EV2, EV3 card reader
- support for Secure MIFARE® Sectors
- optional identification on external reader with Wiegand interface
- optional identification on external reader with RS485 EPSO 3 (Roger) interface
- 32 keys in the RKD32-SE main depositor
- 32 keys in the RKD32EXT extension depositor
- 24 keys in the RKD24CT-EXT extension depositor
- possibility to connect 3 RKD32EXT or RKD24CT-EXT expansion depositors to the RKD32-SE main depositor
- permanent connection of the key with the fob without the use of seals
- possibility of using seals connecting the key with the fob
- keys blocked mechanically in slots
- contactless identification and key presence control via MIFARE® proximity key fob
- time dependent access rights to keys
- limitation of the number of keys taken by the user
- internal and external group of keys
- dual-user key collection (2 users authorization required)
- card + PIN authorization option
- key not returned within predefined time alert
- email notifications upon alarm events
- free access to all keys when operating in Office Mode
- option to return keys without user identification (Quick Key Return Mode)
- fixed or variable key position mode
- light indication of slot with selected key
- key booking
- key status comments
- user activities reports
- key usage reports
- generating and sending reports
- voice prompts
- emergency unlocking of all keys via an external signal (e.g. from the fire protection system)
- emergency unlocking of the keys
- door opening detection
- enclosure opening detection
- metal enclosure in RAL7016 color
- RKD32-SE dimensions: 600 × 969 × 182 mm (height × width × depth)
- RKD32EXT dimensions: 600 × 677 × 182 mm (height × width × depth)
- RKD32-SE weight: 39 kg
- RKD32EXT weight: 29.5 kg
- SG option: P2 class anti-burglary glass
- MK option: Key to unlock the case in the Master Key system
- ND option: Cabinet without door
- CL option: Special lock cylinder
- 8 option: Version with 8 key slots
- 16 option: Version with 16 key slots
- 24 option: Version with 24 key slots
- software integration in third-party systems (SDK package)
- built-in 230 VAC buffer power supply
- space for 18 Ah battery
- post-warranty service
- no warranty service required



Versions		
Item	Description	View
<b>RKD32-SE</b>	Electronic key cabinet with 10" touch control panel; 32 RFID ID fobs; key fobs attached to keys by user; glazed door; 230 VAC power supply	
<b>RKD32EXT</b>	Electronic key cabinet without control panel; 32 RFID fobs attached to keys by user; glazed door; operates as an extension unit connected to RKD32-SE main key cabinet	
<b>24 option</b>	Electronic key cabinet with 10" touch control panel; version with 24 key slots; 24 RFID ID fobs; key fobs attached to keys by user; glazed door; 230 VAC power supply	
<b>16 option</b>	Electronic key cabinet with 10" touch control panel; version with 16 key slots; 16 RFID ID fobs; key fobs attached to keys by user; glazed door; 230 VAC power supply	
<b>8 option</b>	Electronic key cabinet with 10" touch control panel; version with 8 key slots; 8 RFID ID fobs; key fobs attached to keys by user; glazed door; 230 VAC power supply	
<b>ND option</b>	Special version; without a door; the option is offered for the RKD32-SE and RKD32EXT versions; excludes the SD and SG options; manufactured on request	

## Versions

Item	Description	View
<b>SD option</b>	Special version; blind doors, without glass window; the option is offered for the RKD32-SE and RKD32EXT versions; excludes ND and SG options; manufactured on request	
<b>SG option</b>	Special version; anti-burglary class P2 glass; the option is offered for the RKD32-SE and RKD32EXT versions; excludes SD and ND options; manufactured on request	
<b>MK option</b>	Special version; the Master Key system; the option is offered for the RKD32-SE, RKD32EXT, RKD24CT-SE and RKD24CT-EXT versions; manufactured on request; no keys included	
<b>RKD32-MK-KEY</b>	Reserve key for the Master Key cylinder	
<b>RKD32KF</b>	RFID keyfob; 5 pcs	
<b>RKD32-SI-LIC</b>	SDK license for management of RKD32-SE key cabinet from third party systems; the license is required for each RKD32-SE/RKD32EXT/RKD24CT-SE/RKD24CT-EXT key cabinet	
<b>RKD32-AW-LIC</b>	Web management application license; the license is required for each RKD32-SE/RKD32EXT/RKD24CT-SE/RKD24CT-EXT key cabinet; enables management of the system from web browser	

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