

# RKD24CT-SE

## Electronic key cabinet

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Data sheet

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The RKD24CT-SE electronic key cabinet is an electro-mechanical key distribution 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 necessary, the key and fob can be paired with an additional seal. Each key is stored in an individual container with a cover. Access to keys is limited to authorized users only and according to predefined schedules. Users are identified by a proximity card and/or PIN. Keys can be divided into two groups: internal and external. The key from the internal group can be collected by the user only if he/she returned earlier all keys belonging to the external group. The user can reserve the key for a certain 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 from the emergency panel to which access is protected by means of a traditional key. Any attempt to open boxes or the device enclosure in a forced way is registered in the event log and can be signalled on the external device or system (alarm system, alarm siren, etc.). RKD24CT-SE is equipped with touch-type graphical control panel which can control up to four cabinets (1 master RKD24CT-SE cabinet and 3 RKD24CT-EXT or RKD32EXT extension cabinets). Users can be identified on the control panel, external reader with the Wiegand interface or any MCT series reader (Roger). It can be the RFT1000 MIFARE® card/fingerprint reader (Roger),







MCT84M-BK-QR card/QR code reader, or MCT80M-BLE card/mobile reader. The control panel's software offers a user-friendly, icon-based graphic interface that requires just a short training before use. RKD24CT-SE cabinets can be operated in a standalone or in a networked system. In networked mode cabinet configuration and event monitoring are conducted by RACS 5 access system (Roger). The same access credentials (card, PINs) can be used in the access control system and electronic key cabinet. In standalone mode, the cabinet can be managed from the 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 touch panel
- remote management from a web browser
- remote management from the RACS 5 access control system (VISO software)
- 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 the Wiegand interface
- optional identification on external reader with RS485 EPSO 3 (Roger) interface
- 24 keys in the RKD24CT-SE main depositor
- 24 keys in the RKD24CT-EXT extension depositor
- 32 keys in the RKD32EXT extension depositor
- up to 3 extensions units RKD24CT-EXT or RKD32EXT
- permanent connection of the key with the fob without the use of seals
- possibility of using seals when connecting the key with the fob
- mechanical blocking of key containers
- contactless identification and key presence control via MIFARE® proximity key fob
- time dependent access rights to keys
- limiting the number of keys collected by the user
- internal and external groups 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
- quick key return mode (without identification of the person returning the key)
- fixed key position
- light indication of a slot with key
- key booking
- user activities report
- key status comments
- emergency unlocking of all keys via an external signal (e.g., from the fire protection system)
- unlocking the keys via the emergency panel
- possibility of expanding the depositor system with additional cabinets at the installation site
- cabinet door opening detection
- cabinet enclosure opening detection
- metal enclosure in RAL7016 color
- RKD24CT-SE dimensions: 600 x 969 x 182 mm (height x width x depth)
- RKD24CT-EXT dimensions: 600 x 677 x 182 mm (height x width x depth)
- internal dimensions of key compartment: 115x 55 x 73 mm (height x width x depth)
- other key containers sizes available on request
- RKD24CT-SE weight: 48.5 kg
- RKD24CT-EXT weight: 39 kg
- MK option: Master Key system to unlock the enclosure
- 8 option: version with 8 key containers
- 16 option: version with 16 key containers
- software integration in third-party systems (SDK package)
- built-in 230 VAC buffer power supply
- space for 18 Ah battery
- 10 years of post-warranty service
- no warranty service required



Versions

Item	Description	View
<p><b>RKD24CT-SE</b></p>	<p>Electronic key cabinet with individual key containers and 10" touch control panel; 24 RFID ID fobs; key fobs attached to keys by user; 230 VAC power supply</p>	
<p><b>RKD24CT-EXT</b></p>	<p>Electronic key cabinet with individual key containers without control panel; 24 RFID ID fobs; key fobs attached to keys by user; connection to the RKD32-SE or RKD24CT-SE Master key cabinet is required</p>	
<p><b>RKD24CT-SE-16</b></p>	<p>Electronic key cabinet with individual key containers and 10" touch control panel; version with 16 key containers; 16 RFID ID fobs; key fobs attached to keys by user; 230 VAC power supply</p>	
<p><b>RKD24CT-EXT-16</b></p>	<p>Electronic key cabinet with individual key containers and without control panel; version with 16 key containers; 16 RFID ID fobs; key fobs attached to keys by user; connection to the RKD32-SE or RKD24CT-SE Master key cabinet is required</p>	
<p><b>RKD24CT-SE-8</b></p>	<p>Electronic key cabinet with individual key containers and 10" touch control panel; version with 8 key lockers; 8 RFID ID fobs; key fobs attached to keys by user; 230 VAC power supply</p>	
<p><b>RKD24CT-EXT-8</b></p>	<p>Electronic key cabinet with individual key containers and without control panel; version with 8 key containers; 8 RFID ID fobs; key fobs attached to keys by user; connection to the RKD32-SE or RKD24CT-SE Master key cabinet is required</p>	

## Versions

<i>Item</i>	<i>Description</i>	<i>View</i>
<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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