

# Vertiv™ serious data security

VRA1051



## RFID + PIN dual-factor authentication

- Simple integration into existing IT infrastructures
- Power supply by PoE (Power over Ethernet)
- No additional software needed by a consequent usage of interface standards (LDAP, MS ActiveDirectory, SNMP, SysLog, Webservice)
- Configurable security by VLAN
- Remote control
- Easy assembly without any additional hardware needed
- High-qualitative zinc die-casted housing

## Dimensions and weight

- 235.55 mmL x 40.00 mmW x 29.23 mmH
- Weight: 695 gr.

## Integrated authentication possibilities

- Registration Local users/TANs
- LDAP (one- or two-way queries)

## Integrated monitoring possibilities

- Connection to existing SysLog server for logging status updates
- Network management using SNMP for monitoring the locks, for fault detection and error transmission

## Extension possibilities

- WebAPI
- RESTfulAPI

## Customization of restfulapi and webapi

- Local user administration
- Logging of local log entries
- Real time status queries

## Local features

- Installation of local users (max. 30 users per lock)
- Generation of local user protocols (approx. 1000 rotating log entries)
- Possibilities for activating/deactivating certain interfaces
- Firmware updates possible by using the programming adaptor or (if enabled) RJ45 port
- DHCP (Dynamic Host Configuration Protocol) or fix allocation of IP address

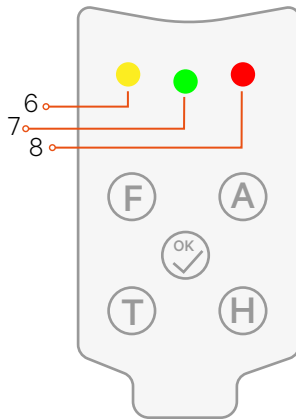
## Prerequisites

- Power supply by PoE injector or PoE enabled switch
- Requirements for PoE switch: IEE 802.3af-2003fähigem switch electrically isolated, power class 0



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## Led-display status



- **LED 6, 7, 8 is flashing rotationally:** System is starting
- **LED 6 is flashing:** Input started
- **LED 6 is flashing, LED 7 flashed:** Input using button 1-4
- **LED 7 lights up shortly:** Successful authentication
- **LED 8 lights up shortly:** Unsuccessful authentication

## Ideas

Using intelligent smart locks on cabinets in the data center or IT environment offers several key benefits:

- **Enhanced Security:** Smart locks provide granular access control, ensuring only authorized personnel can access specific cabinets. This helps prevent unauthorized access to sensitive hardware and data.
- **Remote Management:** Administrators can lock/unlock cabinets remotely, assign permissions, and monitor activity from anywhere, improving response time and reducing the need for physical presence.
- **Reduced Operational Costs:** By eliminating the need for physical keys and reducing manual access control processes, smart locks can lower administrative overhead.



Vertiv™ rack wall mount 25U



Vertiv™ rack wall mount 19U



Vertiv™ rack wall mount 12U

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