KelNet

FIRST HIGH SECURITY ELECTRONIC LOCK CERTIFIED "DISTRIBUTED SYSTEMS"

- The high-security electronic lock KelNet can be used as a standalone device or in network mode.

- This range has been designed to meet the requirements of stores and mass retail outlets looking for a straightforward means of managing multiple users, as well as those of cash-in-transit companies which want an easy way of managing codes, and banks.

- Up to sixteen locks can be connected and managed via a single terminal. They can be integrated into existing surveillance, intrusion detection and access control security infrastructure.

- The KelNet lock has been certified by the independent bodies. It complies with EN1300:

  - ECB·S, a2p (CNPP) class B, C and D (including distributed systems)

  - VdS class 2, 3 and 4

- The standard level of security can be bolstered by adding a fingerprint reader.

- With the help of the KelNet lock management software, security managers can remotely manage user rights configuration and lock settings, and can access audit logs for each lock on the network.

- Furthermore, they can check the states of locks and generate reports retracing event logs.

- As well as managing access by fixed codes, the KelNet lock can also be used with One-Time Codes (OTCs), the ideal solution for cash-in-transit companies and service personnel.

- The redundant security unit (optional) is particularly suitable for specific strong doors.

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Characteristics – Codes and Users	
Users and hierarchical levels	99 possible users / 3 levels: Super Manager, Manager, Operator
Different user groups	8 groups of configurable user rights
3 identification modes	Code alone, code and fingerprint, fingerprint alone (not certified)
Code formats that can be selected	Id + PIN (6 to 10 digits)
Modes of code inputs	Standard or random
Code type which may be selected	Fixed (personal) and/or One-Time Code (OTC): generation of a code by an external server
2 users: "4 eyes" function	2 valid codes/ 2 users needed for use/opening
Automatic suspension of codes	Suspension of inactive codes: unused for a configurable period of time
Periodic modification of codes	Regular modification (configurable) of code requested
Wrong code blocking	2 modes: increasing blocking time; fixed (configurable time)
Parallel mode	1 different user for each SU
Code under duress	Triggering of silent alarm under duress (4 modes)
Biometrics	Fingerprint checking (25 users)
Event audit	9000 events stored in SU: displayed on keypad, USB key/IP transfer

Characteristics – Locks main features	
Delays which can be selected as standard	5 independent delays that can be selected in minutes
Re-identification after delay	The code is requested after the opening delay
Automatic re-locking	If the door has not been opened after the SU lock has been activated, the lock closes again
Door open too long	Configurable alert and alarm time
Alarm under duress modes	2 delay modes: substitution (replaces the delay) or is added to the existing delay
Emergency blocking	2 keypad keys (7 + 9) for a defined code prohibition time
Blocking after closing	Prevents the code from being entered for a certain period of time after a closure
Delay after terminal change	Activates a delay if an incorrect serial number is detected
Remote delay cancelling	Delay cancellation with an outside signal (G2)
Anti-passback for the same user	Prevents successive attempts to open the lock (programmable in time and number)
Display of an alternative delay	Countdown/count or display of an increased countdown (deterrent)
Activation of alarm under duress	4 activation modes (alteration of last digit, change of last digit, omission of ENTER during the delay, external button)
Remote commands	Authorizations (G1), opening without delay (G2), blocking (G3) or delay substitution (G4)
Interlocking/Cascade	Interlocking based on the status of other systems/"one time delay"
Sounds	Configurable audio beep

Characteristics – Schedule and time frames	
Calendars	8 calendars accessible via keypad
Weekly schedule	2 types: Traditional week/Extended week (configurable in 5 minutes sections)
Extended periods	5 extended periods (use of the extended week)
Closed periods	20 recurrent periods of closure possible (code entry impossible)
Open periods	10 exceptional periods of opening (priority over the schedule)
Automatic public holidays	Calendar predefined and configurable for country
Automatic DTS	Automatic switch to daylight saving time

Characteristics – Communication and Maintenance	
Multi-locks	Up to 16 SU locks (with independent schedules) for one IU keypad
In/Out on secure unit	2 inputs can be selected on the SU 2 programmable inputs/outputs open collector 1 relay
8 inputs and 4 outputs board	Optional board with programmable logical functions
USB port	Retrieval of audits/update or retrieval of configuration
IP connection	Remote configuration option via WAN/LAN connection
Multilingual user interface	16 possible languages
Standby screen	Customizable (logo possible)
Definable LED logic	18 functions that can be defined for the red LED and 18 for the green LED on terminal
Stand-alone diagnostics tests	Checks and displays all the vital functions
Error messages	Displays an explicit message in the event of an error

Other Characteristics	
Power supply	External: 9Vdc min to 15Vdc max or 6 x 1.5V cells (LR6)
Certification	ECBS and A2P: Levels B, C and D (standalone and network); VdS: Classes 2, 3 and 4 (standalone)

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