

Kaba Paxos advance IP Locking System Functional Scope



Redundant Motor Lock

- Redundant motor lock with automatic locking
- Bolt sensors monitored
- Bolt force 30N (both ways; push/pull)
- Motors with overload protection
- Bolt travel distance adjustable (8,7 / 12/14/15 mm)
- Standard dimensions for quick retrofit (85,0 x 60,4 x 30,9 mm)
- Bus- and door contact connectors
- Large event memory (> 10000 entries)
- Opening counter (non erasable)
- Reset function (lock shelf)
- Up to 5 motor locks per system

Input Units

- Sturdy, top grade input unit with USB interface
- Backlit, high-contrast, graphical LCD
- Keypad version with coated rubber keys for speedy entries
- Dial knob version with view angle limitation for spyproof entries
- Beeper with adjustable volume
- Selectable languages (EN, DE, FR, IT, ES, NL, HU, HR, SL, TR)
- Battery operated (6 x AM3,

AA) or with a Kaba-battery pack (rechargeable). Inserted battery type is automatically detected; rechargeable batteries automatically charged

- Up to 3 input units per system

I/O-Box

- 8 Inputs (to control by potential free contacts)
- 8 Outputs (Relais outputs for max. 24V /0.3A)
- Useful factory setting for In-/Outputs - reprogrammable* with AS 384-xxxW SW
- * Signal allocation, Line monitoring, Polarity Opener/ Closer (NC/NO)
- Contacts for ext. power (12 .. 24 VDC, 1A)
- Cover hood with lifting contact as blocking-element VdS
- Up to 3 I/O-Boxes per system

IP-Box

- Network interface: Ethernet RJ45 10/100 BaseT
- 3 Inputs, 3 Outputs - reprogrammable* with AS 384-xxxW SW
- Contacts for ext. power (12 .. 24 VDC, 1A)

System properties

- Modular bus system designed for up to 9 components (consisting of redundant locks, up to 3 input units and up to 3 I/O- or IP-Boxes)
- 2 fully redundant system parts (alternating operation, mutual monitoring)
- Reset function (system shelf)
- Addressing function (automatic)
- Automatic detection/charging of inserted rechargeable batteries
- 2 code formats (PIN only or ID+PIN)
- Duress alarm (format selectable)
- Parallel mode (flexible opening procedure due to same codes in all door locks)
- Partial locking (daytime operation; only last door lock operated)
- Programmable by keypad or by PC-program, local via USB or via IP network
- Central monitoring over an IP network
- Remote disable, over an IP network as well

Code functions

- 100 codes per lock
- Hierarchical levels: Opening code (OC), Master code (MA), Mutation code (MU), Time code (TC)
PIN only: 1 MA, 1 MU, 1 TC, 97 OC
ID+PIN: 1 (Super-)MA, 2 OC, 97 Codes with configurable profiles
- Authorizations:
 - OC: Lock opening, changing/deleting own code
 - MA: Defining/changing/deleting codes, programming all settings incl. time functions
 - MU: Defining/changing/deleting OCs
 - TC: Programming time functions
 - All: Immediate TL I Delay Time Lock
- Dual mode (four-eye-principle):
 - Groups to define who opens with whom
 - Single opener
- Code related opening delay
- Time Lock interruption by code
- Courier function «Next code opens without delay»
- Code aging by number of openings or by date
- Code blocking
- Penalty time after 5 consecutive, wrong code entries



Time functions

- Automatic clock change (DLST)
- Date/time format 24 h I 12 h (AM/PM)
- 28 weekly locking periods (iterative)
- 28 holiday locking periods
- 28 yearly locking periods (iterative)
- 28 partial locking periods (iterative)
- 8 time lock override periods
- Display next opening time (selectable)
- Immediate TL (code lock 1 can start a locking period anytime)
- Delay time lock (code lock 1 can delay an upcoming time lock anytime)
- Opening delay*
- Opening delay under duress*
- Confirmation window*
- Non-return time delay after last opening*

* Global setting (lock 1), during partial locking (last door lock), daytime- and code-related settings available (code profile), Counting direction selectable: up, down, not displayed

- Input (I/O- or IP-Box) to avoid opening delay
- 3 ways of (emergency-) time lock interruption (unplanned events):
 - Pushing red button (I/O- or IP-Box)
 - Input I/O- or IP-Box
 - Code entry (respective code profile rights to be programmed with AS384-xxxW software)

Approvals

- EN 1300 B, ECB-S, VdS Class 2, with keypad input unit
- EN 1300 C/D, ECB-S, VdS Class 3/4, with dial knob input unit

Accessories

AS384-NETW programming software

- For centralized, quick and easy programming of many lock systems (time- and code configurations, operation mode, in-/output settings of the I/O- and IP-Box, etc.) via an IP network. Furthermore, the vast event memory (audit) can be read out, filtered/ grouped case-related and exported alike
- Only available by the use of this software:*
 - Monitoring of lock system states
 - Remote disable over an IP network
 - Defining inner compartment locks
 - Setting code format ID+PIN (required for code profiles)
 - Defining counting direction (delays)
 - Reprogramming in-/ output settings
 - Audit with filter-, group- and export function

AS384-USBW programming software

- With the AS384-USBW programming software, locally over the USB interface the same programming options as with AS384-NETW (via an IP network) are available

AS384-AUDITW software

- With AS384-AUDITW audit functions with filtering, grouping and export options are available over the USB interface

Minimum system requirements

Microsoft® Windows® 7 SP1 / 8 / Server 2008 R2 SP2 / Server 2012
 2-GHz-processor 32-bit(x86)/64-bit(x64)
 850 MB (32-bit) / 2 GB (64-bit) harddisk
 2 GB RAM
 1024 x 768 pixel display
 .NET Framework 4.5
 2 USB ports (dongle/locking system)

External Plug-in Power Unit

Plug-in power unit for connection with the I/O- or IP-Box
 100 - 240 VAC/47-63 Hz / 12 VDC, 1A

Rechargeable battery pack Ni-MH

Nickel metal hydride 7,2 VI 1000mAh

Bus cable (2x Bus A/Bus B)

Lengths: 50 I 100 I 300 cm