



Axessor® CIT safe lock

One Time Codes plus network

The combination of One Time Codes and network functionality makes Axessor® CIT the new top product of the family. It sets the benchmark on flexibility.

Axessor® CIT

The Axessor® CIT is a standalone lock that integrates the known ICS - Interactive Code System algorithm - as well as the simple OTC - One Time Combination function. Axessor® CIT is backwards compatible with Quest- or locks.

Additional the Axessor® CIT provides all the functionality of an Axessor® IP. It can be networked at any time by adding an optional eBox. A local lock system can include up to 14 locks.

One Time Code

Operation in ICS or OTC mode is completely key less and without cable connection. The lock is virtually linked to the management software by the proprietary algorithm and the opening and closing codes exchanged between the lock and the software. The more sophisticated and patented ICS mode includes a programmable code expiry time, duress notification function and power level monitoring for battery and external power supply.

Multi-Mode Operation

If one plus one equals more than two this is surely true for parallel mode operation in the Axessor® CIT. Depending on the requirements, the normal bank mode operation can be backed up by an emergency opening using one time code operation, e.g. while lock is in a time locking period. Other combinations of how the different operating modes can be combined are possible. Of course, lock opening can still be restricted to one time code or bank mode operation only.

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Modes of operation

- Bank Modus
- One Time Code modes ICS/OTC or DM
- 'Mixed Mode' parallel operation

Code functions

- 4 hierarchy levels: 1 master, 4 managers, 36 operators, 1 courier
- Code 41 for Audit selectable
- Code 42 for activation available
- Code 45 and 46 can be selected as output pulse
- Code 47 optional time code
- Code 48 for lock disabling / code 49 for lock enabling
- One shot codes for Group 4
- Dual mode for opening selectable; same, different or any group
- Optional dual manager mode for programming
- Individual code / group disabling
- Duress code selectable, +/- 0...9
- Penalty after four incorrect codes

Authorizations

- Master/manager can/cannot open lock
- Optional time lock override for master
- Time lock interruption for managers and operators - optional
- Manager cross access for user groups
- Optional time delay override for courier code

Accessories

External plug-in power supply units

- Plug-in power supply unit for standalone operation. Direct connection to an Axessor® lock (EU, 100–240 V/50–60 Hz/6 V).
- Plug-in power supply unit for connection to an eBox (EU, 100–240 V/50–60 Hz/12 V stabilized).
- Power Box for standalone operation. Direct connection to an Axessor® lock, 9–24 VDC/6V DC.

Connection cable

55/120/200 cm cable lengths available

Time functions

- Daylight Savings Time (DLST)
- 35 weekly locking periods
- 22 holiday and annual locking periods
- Immediate time lock
- 8 time lock interruption periods
- Display of next opening time can be selected
- Remote disabling
- Non-return time delay
- Time Related Time Delay selectable for 3 groups (delay, toggle Dual Mode, code denial, Partial Locking)
- Input for overriding time locks

Opening delay

- Time delay and duress delay by Group definable 0...99 minutes
- Confirmation window definable 1...99 minutes
- Time related time delay selectable for 3 groups
- Time delay count up, down or off
- Input for overriding Time delay

Devices per system

- Up to 2 input units
- Up to 14 locks (may be mixed with other types)
- Up to 1 eBox

Approvals

- EN 1300:2014 B pending
- VdS class 2 pending
- UL Typ 1
- CNPP a2p class B pending

Functional Scope

Motorized lock

- Patented motorized lock with automatic locking
- Available as dead bolt or latch bolt version
- Sensor monitored deadbolt and motor
- Definable bolt open time
- Standard footprint
- 2 inputs (one potential 12V, one switch)
- 2 outputs
- Input/output polarity invertible
- 10,000 Audit Events
- External power supply optional

Input unit

- High quality, robust metal input unit with USB interface
- High contrast LCD display
- 10 display languages (EN, FR, DE, NL, IT, ES, HU, PT, PL, TR)
- Battery operated (3 x AM3, AA)

eBox network module

- AES-256 data encryption
- 5 contact-controlled inputs
- 5 potential-free outputs
- Input/output polarity invertible
- Power supply 9 to 24V DC
- LAN port 1 x 10/100 Mbps (RJ45)

Software

- AS280-INSW installation software
- AS283-SDK:
 - Software development package
 - Enables custom application
- AS284-NETW programming software:
 - Supports USB and LAN/WAN
 - Grouping and batch function
- Network and access security dongle and password protected
- Windows OS (32/64 bit) W7 and newer

OTC management

- AS274 One Time Code Management
 - Multi-Client system on server
- One Time Code mode
- Interactive Code System ICS mode for ensuring on-site presence with defined time window validity
- Dual Mode combining ICS with OTC

