SECU

Sicherheitsprodukte GmbH

Security
à la Carte

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For use with SECU TeamLocks only.

TeamCard

Transpondercode Encryption Access Means

TeamLock

Product innovations
need a firm foundation

Product innovations are often the result of a process kicked off by listening to a client. Often, a client helps us recognize other clients´ needs and to address the requirements of the market. SECU Sicherheitsprodukte GmbH has a long track record of research, development and manufacture in the field of high-security lock technology. The approvals we hold from the various trade associations and inspection agencies are in recognition of the high quality standards of our products. To make sure we do not falter in our resolve to maintain these standards, we have introduced a certified quality management.

We build on our experience and technical know-how to find the solutions you expect from a true partner.

High quality awareness, flexible and customer-oriented.

SECU Sicherheitsprodukte GmbH

Security à la carte
- as if created for your particular application

- **free selection and composition of the lock opening procedure**
- **number and assignment of access authorizations to your choice**
- **comfortable and adaptable user interface**

TeamLock
the intelligent high-security lock

gives you the freedom you need to devise your own security system according to your special needs and individual wishes.

TeamCard
the latest development in transponder-controlled access cards

provides you with the added convenience of opening procedures in addition to the use of number codes. The TeamCard opens the lock by means of a prox-imity-type, multiple high-encryption data exchange.

Flexibility
to meet individual requirements

Opening methods

The ability to select and combine Team-Cards and number codes combines the advantages of the material means for operating the lock, i.e. a token, with those of the mental means of gaining access, i.e. by keying in a secret number code. TeamCards can, for example, be assigned with a time limit and the number code can simply be passed on by some means of communication (e.g. by telephone). TeamCards use a newly developed, high-security electronic process for the non-contact type data exchange, whereas the 6 to 8 number codes can be freely selected from up to 111 million access codes. It is possible to synchronize several locks at a time with a single TeamCard. The authorized user can also use the TeamCard and number code alternately, or they can be combined for a single authorized user to provide extra safety in high-security areas.

Access authorization

You can either provide TeamCards and number codes with full access authorization or split the full authoriz-ation in freely assignable partial auth-orizations that have to be combined to give full access. In other words, you can provide each level of the access structure with its own dual or multiple custody to precisely match the demands of a particular requirement. Different features, such as closed or mixed user groups or the assignment of a supervisor function, can also be combined to a single system.

Programming

During the first configuration of the lock, the programming mode is accessed by means of the factory-set master author-izations. From there, the comfortable and adaptable user interface allows you to assign and enable up to 60 additional access authorizations for TeamCards and number codes. The authorized user can easily reprogram the access structure any time he wants.

Service support

The last 250 operations are automatically stored in the system's internal memory. If necessary, SECU's remote trouble-shooting functions allow you to call in the service department who, by means of service codes and acoustic signals, can give you the advice needed by telephone.

Examples
of the system's versatility

TeamLock leaves you every freedom and can be precisely matched to the demands of your particular requirement: you can choose between TeamCards and number codes or install the two opening methods at the same time! You can choose between assigning full or partial access authorizations or combine the two!
TeamLock can be freely structured and is thus suitable for every field of application and any type of organization. Depending on the requirement, you are free to assign up to a total of 64 access authorizations.
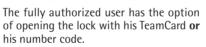

Full authorization

for a quick and easy operation of the lock. The full authorization empowers a single user to open the lock with his TeamCard and/or his number code.

or

and

Equipped with the full authorization, users open the lock **either** with their TeamCards **or** number codes.

The fully authorized user has the option of opening the lock with his TeamCard **or** his number code.

The fully authorized user opens the lock with his TeamCard **and** his number code.

Partial authorization

allows you to operate the lock according to the concept of dual or multiple custody. The freely assignable partial authorizations allow you to form user groups that can only open the lock with TeamCards and/or number codes together and within their group.

Two partially authorized users can **together** open the lock with their TeamCards and/or number codes.

Three partially authorized users can **together** open the lock with their TeamCards and/or number codes.

Four partially authorized users can **together** open the lock with their TeamCards and/or number codes.

TeamLock

Quality
providing you with the level of security you need

Break-in and manipulation security

- two physically separate, shock-proof blocking elements in the lock
- extremely high degree of resistance of the lockbolt to mechanical back-pressing (>7 kN)
- wrong combination shut-down period
- acoustic signalling of an attempted lock manipulation
- visual, mechanical or electrical access to the valid combination deniable
- internal emergency interlocking control to block a break-in attempt

Easy mounting

- standard dimensions - ideal for retro-fitting
- complete assembly kit including all mounting elements and a full set of batteries
- mounting position freely selectable to suit your requirements
- a choice of several boltwork adapters
- electronic elements inside an enclosure to protect them during mounting

Multiple functions

- strictly modular design to allow for uncomplicated extension and configuration of the lock to match the widest range of applications
- opening delay (from 0 to 99 minutes) programmable from outside without using a setting tool
- allow you to upgrade your lock to an electronic timelock by adding the hardware option "access timer"

Operational dependability

- automatic SECU fault-detection routine each time the lock is operated
- full data redundancy owing to a second set of automatically self-restoring emergency data
- extremely high locking forces provided by the manual-force driven lock bolt
- lock mechanics and electronics in separate enclosures to protect them against dust and dirt
- visual indication of the locking state

Keypad cable

- miniature connectors at both ends of the cable
- contact reliability owing to high quality-finish plug-in contacts
- jacketed against mechanical wear
- no alternating mechanical flexural or torsional stress while operating the lock

Keypad

- extremely long service life owing to gold-plated contacts and stainless steel elements (designed for more than 1 million key entries)
- wash-off keypad sealing with indications printed on the inside
- non-wearing key indications, even with frequent use
- insensitive to splashwater
- traces of use easily wiped off
- high-quality sealed keypad comprising non-jamming keys

Power supply

- long service life of the batteries - 2 years on average - owing to energy-saving lock operating processes
- mains-independent
- acoustic alarm when the batteries become depleted
- no loss of data even in the event of a prolonged battery failure
- batteries located behind covers in the operating panel and therefore easy to replace from outside
- power supplied from standard, low-priced, 1.5 V batteries available worldwide

High-security data transfer

- non-contact data exchange, highly encrypted interrogation sequence
- multiple, two-way transmission and receiving signals
- positive and discreet identification of the TeamCards

TeamLock
summary of design features

- free choice and combined use of trans-ponder-fitted TeamCards and 6 to 8 digit number codes allowing 111 million genuine locking combinations

- up to 64 full or freely assignable partial access authorizations (concept of dual or multiple custody)

- programmable through a comfortable and adaptable user-interface

- internal storage of the last 250 opera-tions and SECU's remote trouble-shooting functions deal with a service problem fast

- wrong combination shut-down and acoustic signalling of a manipulation attempt

- acoustic warning signal when batteries become depleted and no loss of stored data even in the event of a battery failure

- automatic SECU fault detection routine each time the lock is operated

- data redundancy (a full second set of self-restoring data)

- washable sealed keypad, featuring non-wearing indications, with an extremely long service life

- uncompromising modular design allow-ing for future lock extension and con-figuration for a multitude of applica-tions

- multiple, two-way transmission and receiving signals through non-contact data exchange incorporating a highly encrypted interrogation sequence

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subject to technical modifications   Ed. 10/98