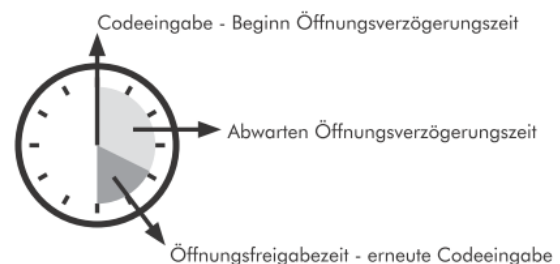## Contents

Opening with a delay time

Opening with a delay time is intended to minimise the risk if there is a threat by extending the length of time for an attacker up until the actual opening to a dangerous length.

A delay time is started by input after a valid opening code. After the expiry of this time the same user or a different one can open using a valid opening code within the predetermined release time.

If the master or another user have started a delay time, user 9 can open the lock before the expiry of the delay time.This is called the

quick opening code

It allows delay times of 1 to 99 minutes and release times of 1 to 19 minutes to be set. An opening time that has been started can be stopped by pressing any key.

Silent alarm / duress alarm

The alarm or duress alarm function allows the lock to be opened and at the same an alarm contact is switched to allow an alarm signal to be given by the corresponding additional hardware without this being noticed.
It is not noticeable at the operating unit that a duress alarm of this type has been initiated.

The alarm code that is required for this is made up from the personal opening code by a variation in the last code digit.
This is done by adding a parametrised value, called the **alarm addend**

here, to the last code digit. If the result of this sum is greater than 9, the last place in the code sequence corresponds to the calculated value less 10.

Example:

Code 1234567, alarm addend 2
= alarm code 1234569

or

Code 1234567, alarm addend 6
= alarm code 1234563

Dualcode / "two pairs of eyes" principle

A opening with Dualcode or the "two pairs of eyes" principle represents a restriction to increase security. It is necessary for two users with valid opening codes to input their respective codes within a time window of 30 seconds to be able to open.

Setup mode

If multiple users need to be created as part of the commissioning and various setup settings made, it its very time-consuming to have to repeatedly input the master code.

To speed up this process, it is possible to start an operating mode via menu [8] in which the master code that was input retains its validity for all the following menu sequences until the time runs out or thereis an incorrect input.