



STUV

# HSL 104 SERIES

## OPERATING INSTRUCTIONS

# HSL 104



Dear customer,

Congratulations! You have made the right choice with a product from the HSL 104 series. The products in the HSL 104 series are characterised by their high reliability, durability and long service life.

To ensure that the product is ready for use, please observe the following instructions when operating and handling the product.

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### Opening and Closing

#### **Open**

The lock has a motorised latch bolt. To open it, simply press via a control unit, give a command via a GSM system or present a valid transponder key. The latchbolt is retracted by the motor. The door can be opened manually or by an on-site door drive.

As soon as the door swings out of the frame, the latch bolt is motorised to the latch position.

#### **Close**

The door can be closed. As soon as the door is in the frame using the latch function, the latch bolt is secured by the motor. The door is now fully locked.

### Emergency opening

In the unlikely event of a failure of the electronic/motorised control unit or a failure of the external electronics, the products in the HSL 104 series can be opened mechanically. The appropriate HSL key is required for this.

#### **Open**

To open the door, insert the appropriate HSL key into the HSL locking mechanism and turn it in the opening direction. Once the latch bolt is fully closed back, the door can be opened mechanically.

#### **Close**

The door must be closed. The appropriate HSL key must be inserted into the HSL locking mechanism and turned in the locking direction.

### Recoding

The products in the HSL series have a locking mechanism that can be recoded to a different locking mechanism if required.

The recoding process takes place when the lock is open (latchbolt closed). The key used to open the lock is removed. The key with the new lock is inserted and the latchbolt is closed before. This completes the recoding process.

### Wiring diagrams

Further information on the inputs and outputs as well as the technical features can be found in the respective product documentation at.

### Irregularities during the closing process

#### **Blocked / clogged key channel**

If the key cannot be fully inserted into the lock, do not try to force it in. In this case, the key channel does not appear to be free. Foreign objects may have been deliberately inserted into the key channel. In this case, withdraw the key and inform the lock authorised representative at. They can use the appropriate tools to clear the keyway of foreign objects before they can penetrate any deeper into the lock / locking mechanism.

#### **Incorrect key / locking position**

If the key cannot be turned, this can have three causes

1. wrong key / wrong lock

The lock has been relocked to a different lock. In this case, check the currently valid lock or the correct key at.

## 2. wrong locking direction

The key was inserted into the lock in the wrong locking direction. The notch on the key indicates the direction in which the key must be inserted. If the deadbolt is pre-locked, the notch must point to the outside of the door.

## 3. no further tour

The lock is already completely locked forwards or backwards. The key cannot be turned any further in the desired direction.

If the lock still cannot be operated despite the measures described, please contact the lock officer or STUV Prison Solutions GmbH.

### STUV Prison Solutions GmbH

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**SECURITY**  
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