

SECURITY
MADE IN GERMANY
SINCE 1883



STUV

HSL 102 SERIES

OPERATING INSTRUCTIONS

HSL 102



Dear customer,

Congratulations! You have made the right choice with a product from the HSL 102 series. The products in the HSL 102 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 deadbolt and a latch, as well as a two-turn locking mechanism. To open the lock, insert the appropriate HSL key into the HSL locking mechanism and turn it in the opening direction. The bolt is retracted on the first turn and the latch on the second. If the product is equipped with positive locking, the key cannot be removed during the second turn. Once the bolt and the latch are fully retracted, the door/flap can be opened.

Close

To close the lock, first close the door/flap. Then insert the appropriate HSL key into the HSL locking mechanism at and turn in the locking direction. The latch is pre-locked and the bolt is locked in the next tour.

Opening and closing via the PZ / occupant lock

In addition to the main locking mechanism, the products can be operated via the PZ as part of an occupant locking system (on one or both sides). When the key is turned in the PZ in the unlocking direction, the latch is retracted regardless of the position of the deadbolt. If the latch is fully retracted via the main locking mechanism (2nd tour), the PZ has no influence on the position of the latch.

When the key is turned in the PZ in the locking direction, the latch moves to the sprung latch position. If the latch is fully retracted via the main locking mechanism (2nd turn), the PZ has no influence on the position of the latch.

Tax / blocking Latch

If the product is equipped with a control/locking latch, this prevents the latch from being pushed back when the door/flap is closed. The latch is locked.

Recoding

The products in the HSL series have a locking mechanism that can be relocked to another locking system if required.

The relocking process takes place in the open state (bolt and latch retracted). The key used to open the lock is removed. The key with the new lock is inserted and the deadbolt is advanced. This completes the relocking process.

If the product is equipped with positive locking, a special inspection/lockout key is required for the relocking process.

Bolt position indicator

The bolt position indicator is used to indicate the locking status of the lock.

- a. Fully retracted
Latch and deadbolt are fully retracted
Lock open
- b. Fully extended
Latch and deadbolt are advanced
Lock is locked

Locking mechanism lock / alarm lock

If the product is equipped with a locking mechanism block / alarm block, operation of the locking mechanism can be blocked via the electronic control unit if necessary. To do this, a 'High' signal must be sent from the control unit to the lock input'Alarm block'.

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 inserted completely into the lock, do not use force to insert it. In this case, the key channel appears to be blocked. Foreign objects may have been deliberately inserted into the key channel. In this case, withdraw the key and inform the lock administrator. They can use the appropriate tools to remove the foreign objects from the key channel before they can penetrate deeper into the lock/locking mechanism. If the key still does not work, contact the manufacturer or a qualified locksmith.

Incorrect key / lock position

If the key cannot be turned, there are three possible causes

1. Incorrect key / incorrect lock

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

2. Incorrect locking direction

The key has been inserted into the lock in the wrong direction. The notch on the key indicates the direction in which the key must be inserted. If the bolt is pre-locked, the notch must point towards the outside of the door.

3. No further tour

The castle is already fully locked or unlocked. The key cannot be turned further in the desired direction.

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

STUV Prison Solutions GmbH

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