

## 70211 E-Variator B

### 1 Important instructions



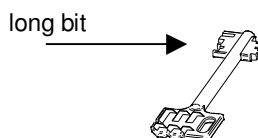
- The locking mechanism works smoothly. No force should be applied. This should be particularly avoided when inserting the key in the lock.
- Every change over process must be started with the safe door open, lock engaged, and key withdrawn. After the change over every new key must be checked with the safe door open.
- Every change over process must be fully completed.
- The locking mechanism can only be changed over to another pair of keys if a valid key is still available. The lock should be converted to a new pair of keys immediately if a key is lost.
- Opening the lock with a damaged key can result in damage to the lock.
- The lock must not be lubricated.
- The lock may only be installed by specialist personnel and only opened by the manufacturers. Unauthorised opening will lead to invalidation of any guarantee claims.
- Only original Kaba Mauer keys are to be used should additional keys be required, as otherwise no guarantee claims may be raised.

### 2 Opening

- Insert the key in the keyhole as specified in the table below.

Installation of lock	Insertion of key
Lock horizontal, bolt left (keyhole horizontal)	Long bit left
Lock vertical, bolt down (keyhole vertical)	Long bit down

Diagram 1: Double-bit key



- Turn the key about 130° **clockwise**.
- The opening of the lock is only possible if:
  - an additional electronic release has been effected
  - the alarm system has not been activated (version with alarm blocking).
- If the lock is open, the key cannot be withdrawn.

### 3 Locking

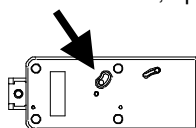
- To lock the unit, turn the key **anti-clockwise** until the blocking point is reached.
- After completing the process, withdraw the key and keep it in a safe place so that no unauthorized person has access to it.

### 4 Change over to a new pair of keys

#### 4.1 Change over by means of a pin at the back of the lock

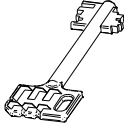

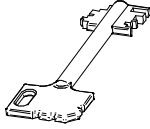
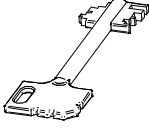

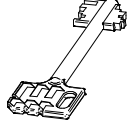
- Move the pin at the bottom of the lock to the other side, up to the blocking point.

Diagram 2: Back of the lock



- Open the lock with a valid key: Turn the key 180° **clockwise** up to the blocking point and withdraw it (see diagram 3).
- Insert the new key in the same position and in the same way as the former key was withdrawn. Turn the key **anti-clockwise** up to the blocking point and withdraw it. The lock has now been changed over to a new key (see diagram 4).

**Change over in case of horizontal installation of the lock:**

<p><b>Diagram 3:</b> Insert valid key (long bit left)</p> 	<p>Turn the key 180° clockwise</p> 	<p>After turning the key 180°, withdraw it</p> 
<p><b>Diagram 4:</b> Insert new key (long bit right)</p> 	<p>Turn the key 180° anti-clockwise</p> 	<p>After turning the key 180°, withdraw it</p> 

In case of vertical installation of the lock, the insert and withdraw positions of the keys change accordingly.

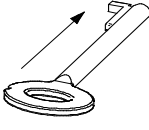

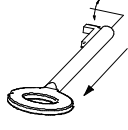
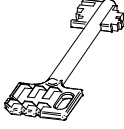

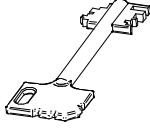
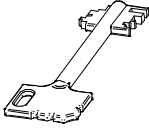

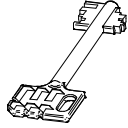
**4.2 Change over by insertion of a change activator in the keyhole**

- Insert the change activator in the keyhole as specified in the table below (see diagram 5).

Installation of lock	Insertion of key
Lock horizontal, bolt left (keyhole horizontal)	Bit left
Lock vertical, bolt down (keyhole vertical)	Bit down

- Turn the change activator anti-clockwise up to the blocking point. After reaching the blocking position turn change activator back to the insert position and withdraw it (see diagram 5).
- Open the lock with a valid key: turn the key about 180° clockwise up to the blocking point and withdraw it (see diagram 6).
- Insert the new key in the same position and in the same way as the former key was withdrawn. Turn the key anti-clockwise up to the blocking point and withdraw it. The lock has now been changed over to a new key (see diagram 7).

**Change over in case of horizontal installation of the lock:**

<p><b>Diagram 5:</b> Insert change activator (bit left)</p> 	<p>Turn the activator ca. 30° anti-clockwise</p> 	<p>After turning the activator about 30°, turn it back in its original position and withdraw it</p> 
<p><b>Diagram 6:</b> Insert valid key (long bit left)</p> 	<p>Turn the key 180° clockwise</p> 	<p>After turning the key 180°, withdraw it</p> 
<p><b>Diagram 7:</b> Insert new key (long bit right)</p> 	<p>Turn the key 180° anti-clockwise</p> 	<p>After turning the key 180°, withdraw it</p> 

In case of vertical installation of the lock, the insert and withdraw positions of the change activator and the keys change accordingly.