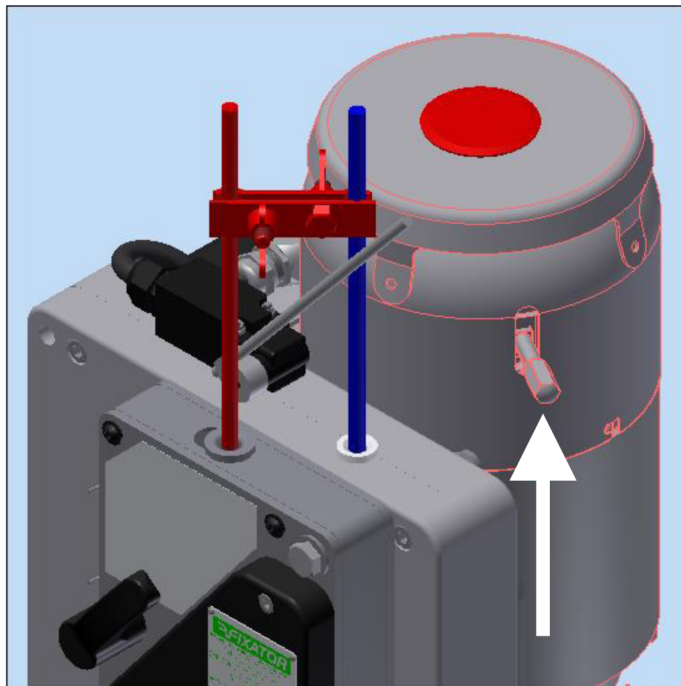



### 2.2.2.1.1 Emergency lowering

The electric winches are equipped with a manual motor brake release system which allows the platform to be lowered in case of power failure. Lift the emergency lowering lever to control the lowering rate. If needed, use the hand wheel to initiate movement.



 Do not use the emergency lowering in case of overload.

### 2.2.2.1.2 Overload detector (except TX hoists)

Overload detectors are built in to hoists to protect the platform under the following conditions:

- overload of your platform
- poor distribution of the load on the platform
- collision between the platform with some building element during the ascent.
- friction against the elevator guide

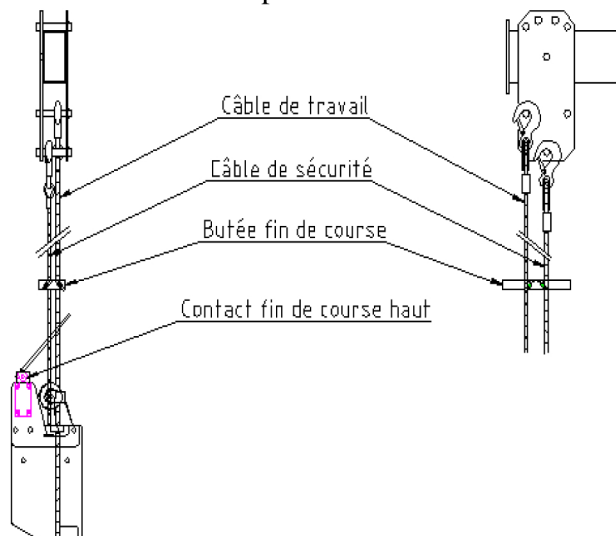
A buzzer signals the hoist overload and prohibits lifting and lowering movements.

### 2.2.2.1.3 Upper limit detector

The ascent of the platform is stopped when the limit switch contacts the limit stop disc fixed to the cables.

The descent is always possible.

Keep a minimum of 1 metre between the anchor point and the limit stop.




### 2.2.2.1.4 Upper limit detector

The ascent and descent of the platform is stopped when one of the off course stops the stop disc or limit stop attached to the cables.

The descent manoeuvre is only possible with the emergency lowering lever. (See also § 2.2.2.1.1 )

- Lift the lever to release the motor brake. The descent is automatically limited
- Lower 10 cm in order to reset the main switch with the "Start" button on the button box.

### 2.2.2.2 Safety on the second cable using the SECURISTOP 600 tilt detector

 After any safety stop type a) to e) (see below), the replacement of the unit must be carried out immediately, and it should be checked by a competent person.

In normal operation, the safety rope passes freely through the jaws.

Causes for locking on the safety cable:

- a / broken hoist cable
- b / hoist failure
- c / tilt of the platform to about 8 °

For locking situations a) and b) a special emergency operation must be performed: contact the emergency services.

For securing c):

- Check for the cause of the problem.
- Restore the cable tension by pressing the UP button and the left or right hoist selector.
- Raise the platform a few inches