Installation instruction

Aritco Top Mounted Electric Lock

23-GOT-LD-001

Scandinavian Lift Accessories

Lift Locking Device

The lock is to be installed in the door frame over panel, at the lower side towards the clear opening, on the inside of surface or in an opening therefore, fastened by 4x M5 screws appropriate for this fixing.
Place the lock sideways as near as possible to the locking side of the door blade.
Before starting to install, check that it is the correct lock for the installation, place the chamfer on the locking bolt/s facing outside of the door blade.
The wear of the door hinges shall be noticed, same with the door blade tipping down in the upper front corner, also the gap between the door blade and frame, that the lock engagement of min of 7 mm and the locking contact overtravel of 3 mm is maintained.

Notice the locking engagement:
Total travel of the looking bolt is 18 mm, of which 3 mm with closed locking contact.
SS-EN 81-20:2014+Part 20/50 states that minimum locking engagement is 7 mm until/before the locking contact is closed/ short-circuited.
Recommended locking bolt engagement is 11 mm.

The lift's safety circuit is connected to the contact plates, which are short-circuited when the lock is in the closed position (piston-out).
The lock must be grounded, the flatpin for the earth cable is on the locking plate.

Emergency opening
Each shaft door must be able to be unlocked from the outside by means of an emergency opening key, suitable for that device as shown in figure 13 Point 5.3.9.3.2 i SS-EN 8120:2014+Part 20/50.

If the emergency opening triangle is placed on a vertical plane on the frame, the emergency opening should not be higher than 2.0 m above the landing floor.
If the emergency opening triangle is on the horizontal plane, the hole of the emergency opening must not be higher than 2.7 m above the landing floor.

After emergency opening, the locking device must not be able to remain open when the door is closed, the lock shall reverse to closed position by spring.

In order for protection class IP 21 to be met, the lock must be mounted in an enclosed cabinet, like inside a closed fram.