



SUBJECT: Connection of Hall effect sensor board cables

Dear Customer,

following some checks, cases of reversal in the connection of cables controlling the Hall effect sensor boards have been found in the electro-mechanical two-post lifts with two motors and electronic synchronism.

In order to prevent lift malfunctions, please check correct connection of the above-mentioned cables during the first installation, to perform a complete and optimum system testing.

In particular, during testing, please carry out following tests:

During the descent procedure, at a height of approx. 80-100 cm from the ground, activate the low limit microswitch of one of the two posts (for simplicity, it is advisable to operate the right limit switch, closer to the control panel):

- a) if the lift stops with a height difference between the carriages of approx. 45 mm, without triggering any alarm, the connection of Hall effect sensor board cables is correct; by deactivating the limit switch, when the lift restarts moving up or down, the board will perform a correction attempt by realigning the carriages;
- b) if the lift stops and alarm A3L or A3R activates with red light flashing, the connection of Hall effect sensor board cables is reversed. In this case, after restoring correct connection, it is necessary to move the lift back to the ground and realign it using the service programme (dip switch #5). Then perform a complete lift stroke.

Please find below 3 diagrams showing correct connection of Hall effect sensor board cables.

