

Lift & Escalator Industry Association
33 / 34 Devonshire Street,
London
W1G6PY

For the Attention to Nick Mellor,

Re: Notice of Potential faulty operation of SEC hydraulic lifts

Dear Sir,

SEC pay special attention to safety , which is why in the attachment I enclose the new addition of SEC instruction with the aim of highlighting possible faulty operation of emergency lowering function on SEC hydraulic lift when the main switch is turned off.

I would highly appreciate if you could forward this information to other members of LEIA so they can be guided accordingly.

Kind regards,



Ljubljana 22nd of April 2013

NOTICE OF POSSIBLE FAULTY OPERATION OF SEC HYDRAULIC LIFTS WITH EMERGENCY LOWERING FUNCTION WHEN MAIN SWITCH IS TURNED OFF

Description of problem:

SEC as producer of lift does not supply the main switches and main fuses in case of hydraulic lift with machine room. Metal box with these devices is normally supplied by company which made electrical installation or by lift installers. For hydraulic lifts the main switch must have additional contact which disables emergency lowering operation when the main switch is turned off. This connection must be made by lift installers during installation phase.

Field solution:

If you are performing maintenance services of SEC hydraulic lift you need to make sure that below connection had been made and followed through.

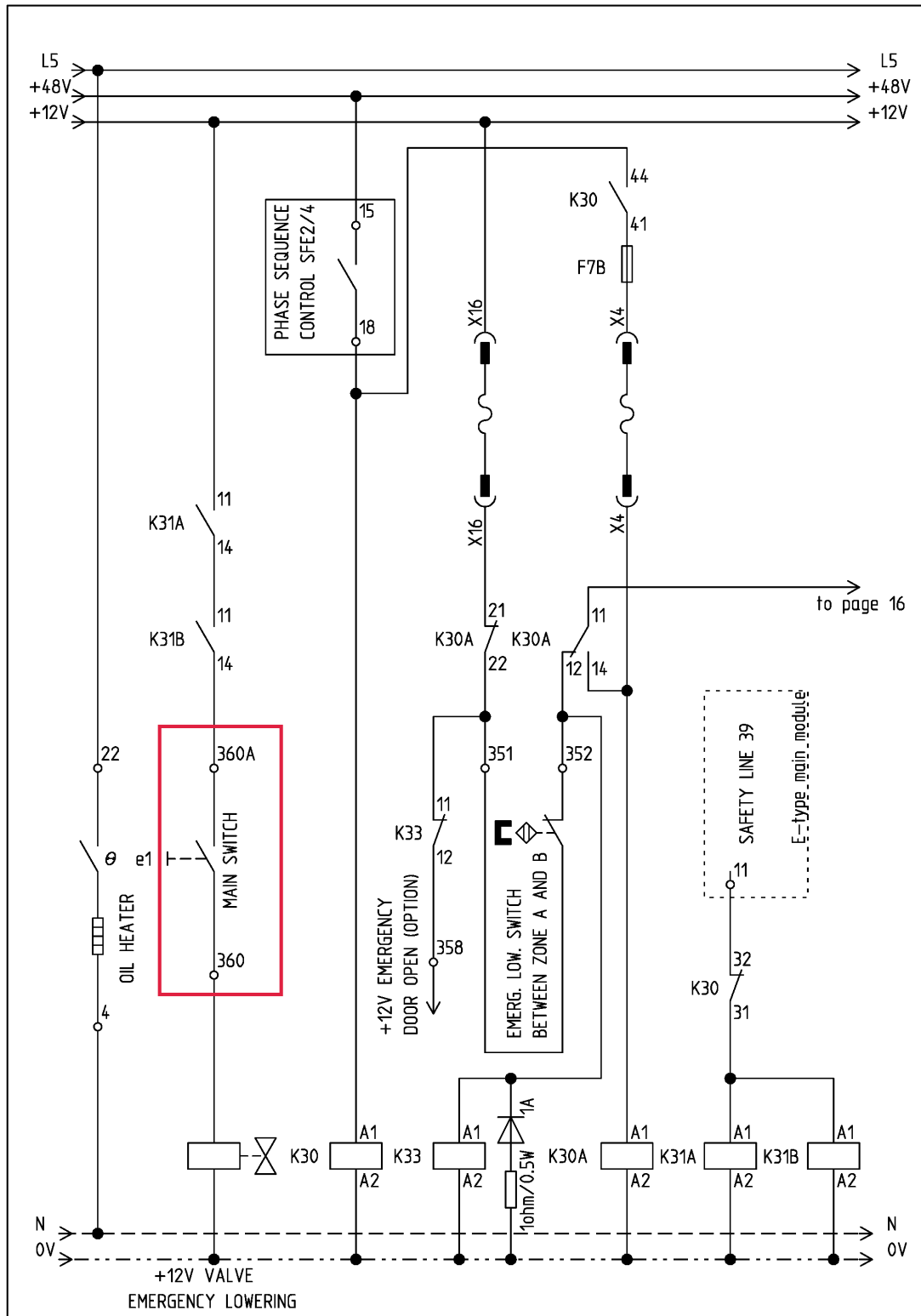
Firstly, you have to check if the main switch has at least 4 separate contacts. If the main switch has only 3 contacts, than the main switch must be replaced with an appropriate one. Secondly, you make sure that the 4th contact from the main switch is connected to terminals 360 and 360A in the lift control panel. If that is not the case, you have to make these connection.


Test of function:

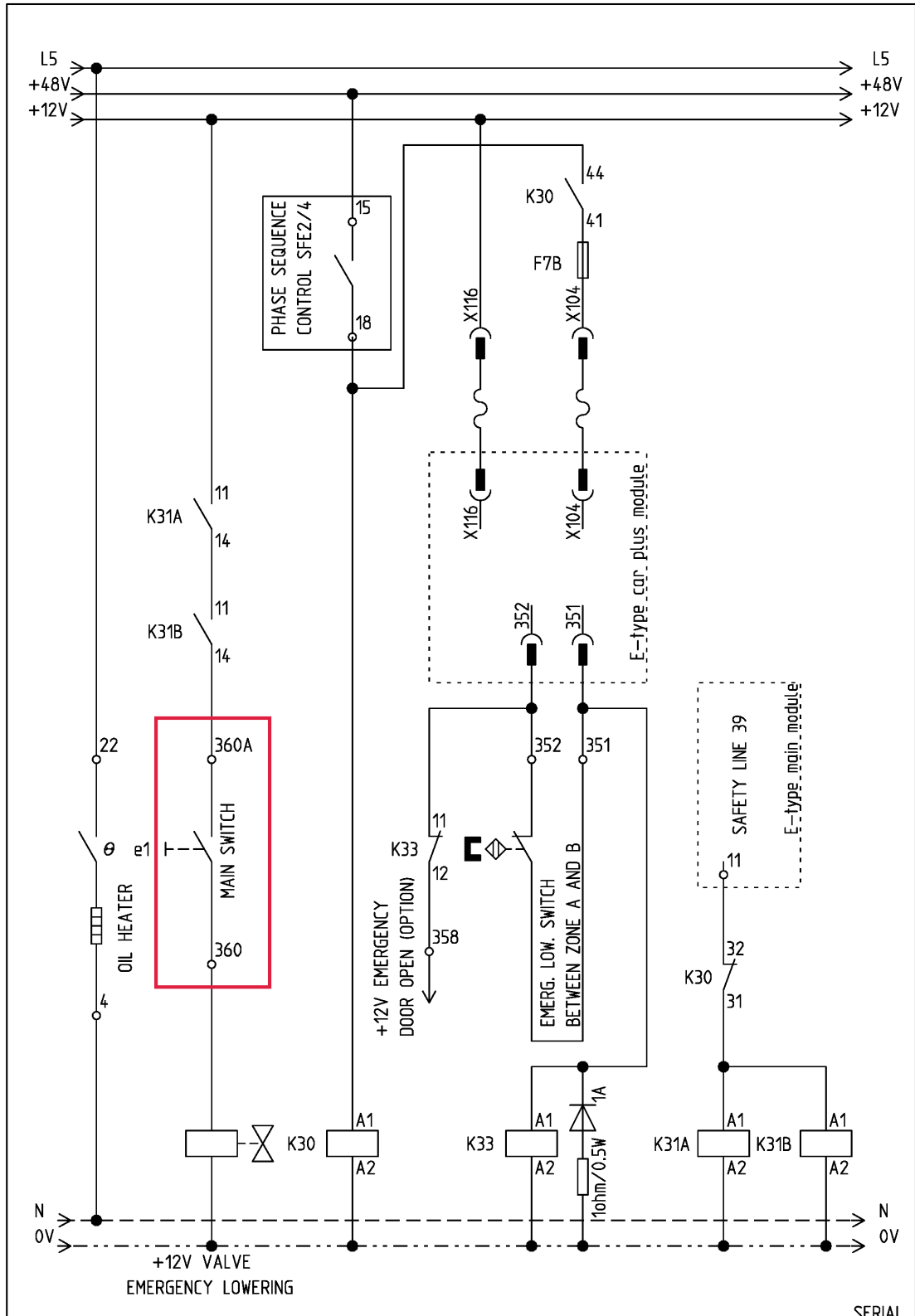
If you disconnect, phase failure device when cabin is not in the station, the lift must go to the emergency lowering function and the cabin must stop in the first landing in downward direction.

If you repeat this test by turning the main switch off when cabin is not in the landing position, the cabin must not move in any case.


Next two drawings show connection of the additional contact in the main switch to E-type control panel using CAR board or CAR PLUS board.



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