

Topic: Connecting motor and pcb to the same phase

08.01.2015



30 min.



Standard tools



SCC_WE, CMP

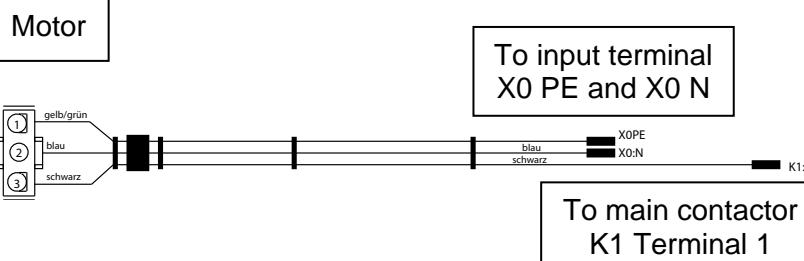


Attention:

On units 3 NAC..... manufactured up to 30.10.2014 fan motor and pcb are connected to two different phases. In case of faulty/loose neutral the fan motor is then connected between two phases which will damage the motor.

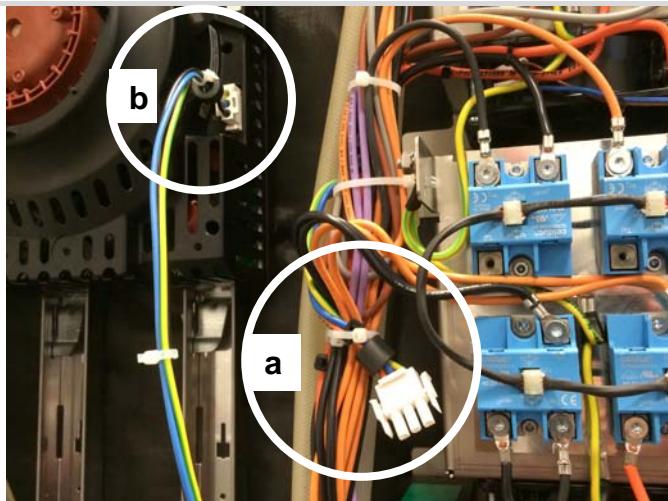
To avoid such a failure a harness is available where motor and pcb are then connected to the same phase. The kit number of table units is 87.01.284, of floor models 87.01.285.

1

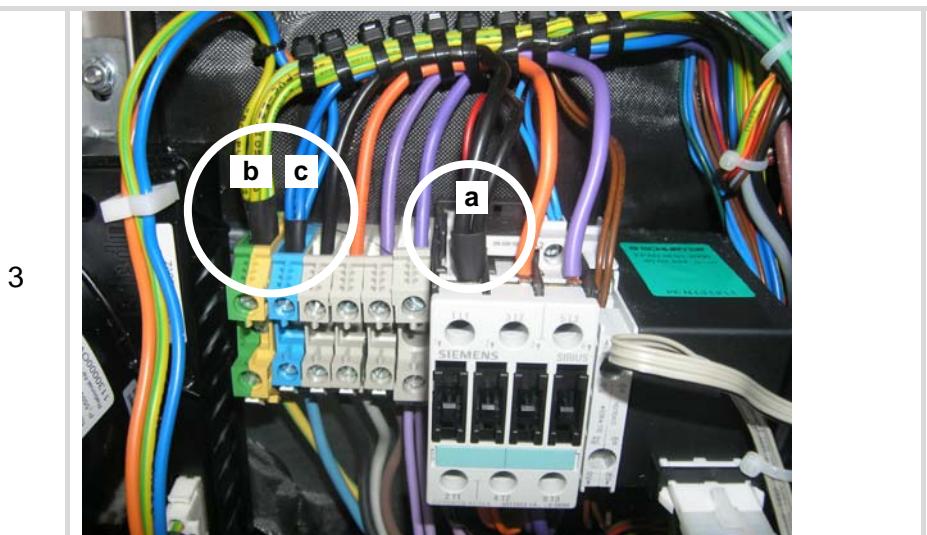


Disconnect unit from mains and open left side panel.

2



- a) Disconnect voltage supply from motor and fit connector safely into the harness. On floor models carry this out on both motors.
- b) Stick motor connector of the harness kit to motor(s).



- a) Connect wire black of the harness to main contactor K1:1
- b) Connect wire yellow/green to input terminal X0 PE
- c) Connect wire blue to input terminal X0 N

Carry out electrical safety measures according to local regulations.

4 Connect unit to mains and carry out a test run.

Wiring diagram table models see next page

