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1. ESD Warning

Please note!

The life span of electronics can be affected by damage caused by electrostatic discharge. This can happen if a charged tool or person touches a component. Therefore it is very important that all tools and personnel are discharged by touching an earthed point before the printed circuit board or any of the components are touched. It is equally important to discharge the package with the new component before opening it.

A person walking on a carpet can be charged with up to fifteen thousand volt (15000V). Compare this with the fact that some sensitive components can be destroyed when discharged on a much lower level (about 100V). We kindly ask you to pay notice to this, as this is a vital point in order to ensure the life span of the product.

2. Tools

Torx T20 for the cover and gable.

Two hexagon key 16 mm for connection between flexi bar and copper bar PSTB370...570.

Two hexagon key 18 mm for connection between flexi bar and copper bar PSTB720...1050.

Hex socket head cap key 8 mm for connection between contactor and bar PSTB370...570.

Hex socket head cap key 10 mm for connection between contactor and bar PSTB720...1050.

3. Step by step

1. Before disconnecting the cables mark them.

2. Disconnect the cables from terminals 1L1, 3L2 and 5L3 (main voltage) and 2T1, 4T2 and 6T3 if necessary (motor connection).

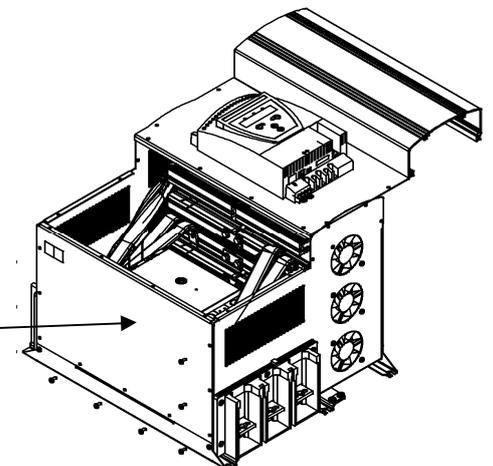
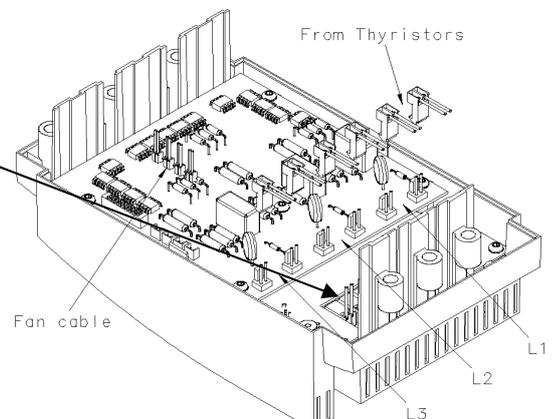
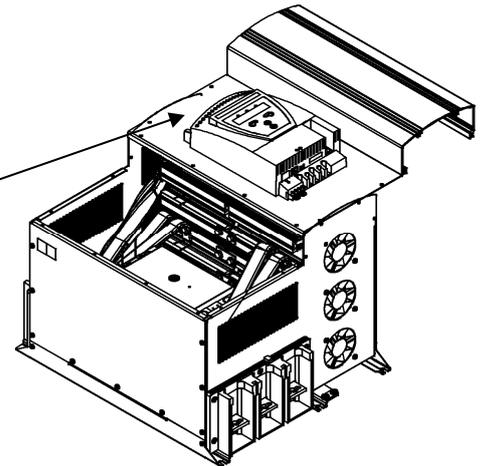
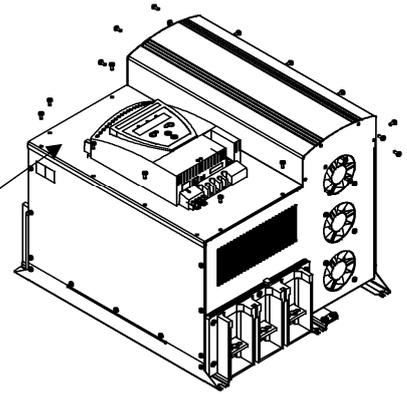
3. Disconnect all cables from the terminals 1 to 20, external keypad, PTC sensor and the fieldbus plug.

4. Remove the top cover.

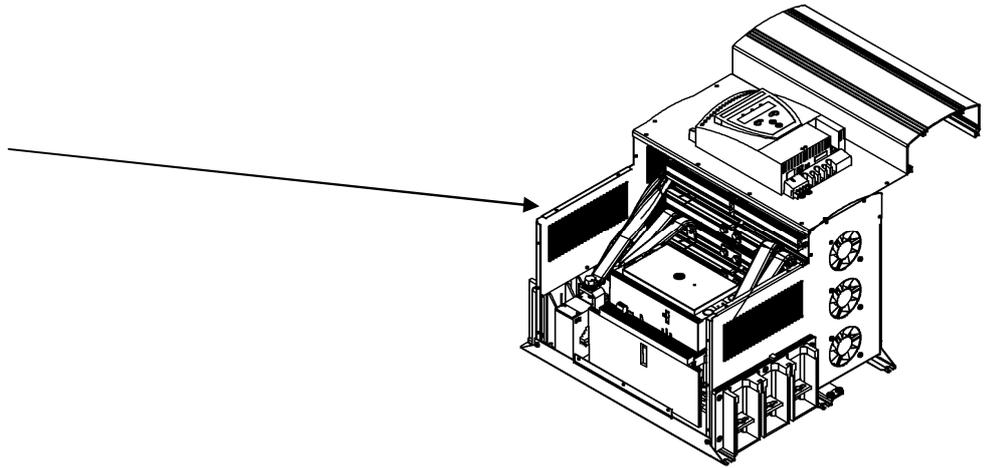
5. Move the top cover to the right and fix it.

6. Disconnect the current transformer cables from the PCB.

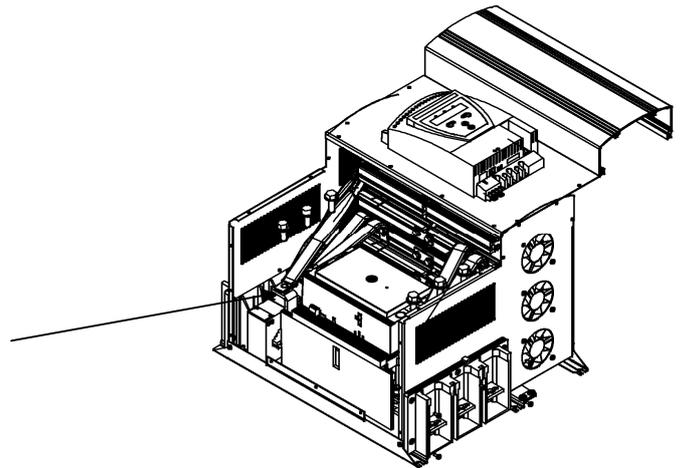
7. Remove the left gable.



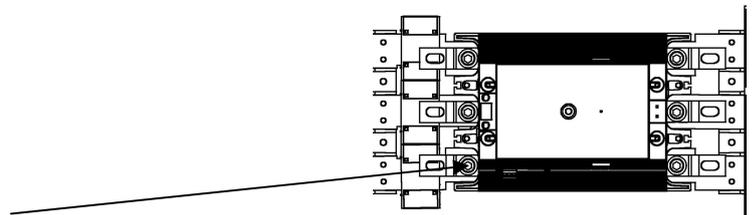
8. Remove the front grid.



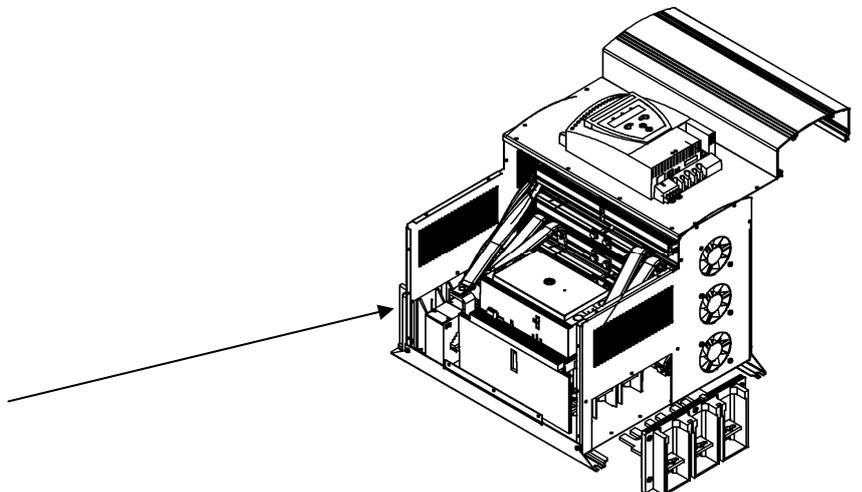
9. Disconnect the flexibar from the line side of the contactor.



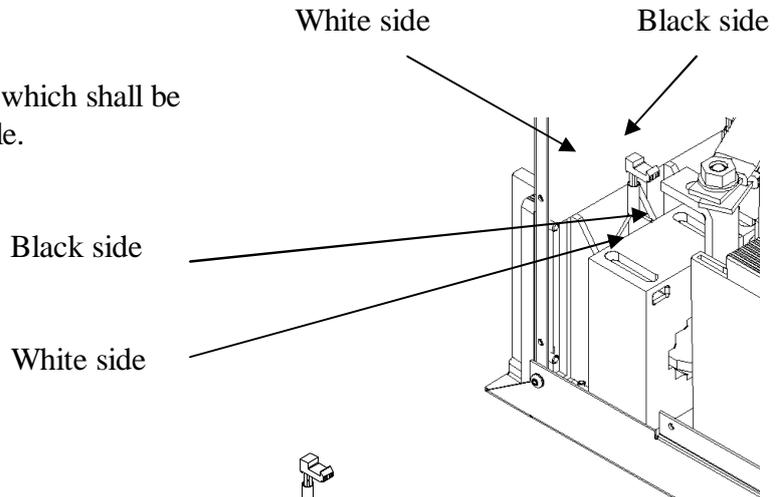
10. Unfasten the three hex socket head cap screws.



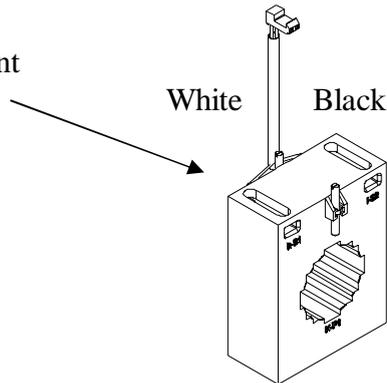
11. Remove the bar holder from the unit.



12. Remove the current transformer which shall be changed, and disconnect the cable.



13. Connect the cable to the new current transformer.

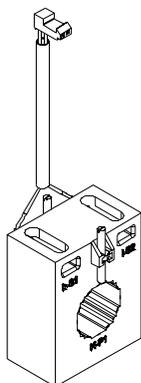


14. Reassemble the softstarter.

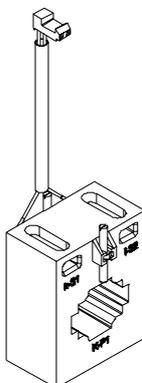
15. Connect the cables to terminals 1L1, 3L2 and 5L3 (main voltage) and 2T1, 4T2 and 6T3 if necessary (motor connection).

16. Connect all cables to the terminals 1 to 20, external keypad, PTC sensor and the fieldbus plug.

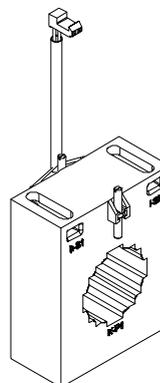
Ready for start!!



Picture 3



Picture 4



Picture 5

Current transformer

Softstart Type	Current transf. pcs. Per softstart unit	Ratio	Order code	Type	Picture
PSTB370	3	400/1	1SFA 899001R1400	PSCT-400	3
PSTB470	3	500/1	1SFA 899001R1500	PSCT-500	3
PSTB570	3	600/1	1SFA 899001R1600	PSCT-600	4
PSTB720	3	750/1	1SFA 899001R1750	PSCT-750	4
PSTB840	3	1000/1	1SFA 899001R2000	PSCT-1000	5
PSTB1050	3	1200/1	1SFA 899001R2200	PSCT-1200	5



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