

Assembly Instructions M8108-EN

Spare part current measuring board ZSM-51 (O/ID T25550-X)

Purpose

Replacement of current measuring board ZSM-51 (A 8.n)

Precondition



WARNING!

Danger for unauthorized persons!

Conversion work may only be carried out by specialist staff who have been trained accordingly.

Therefore:

- Keep unauthorized persons away from the work area.



NOTE!

Knowledge of the Instruction Manual is a precondition for carrying out conversion work on the unit.

Procedure



DANGER!

Danger to life caused by electric current!

Touching conductive parts causes a direct danger to life.

Therefore:

- For all work on the electrical system, for maintenance, cleaning or repair work, disconnect from the mains or disconnect all phases of the external power supply and secure them against being switched on again. Check unit is isolated from power supply.



WARNING!

Danger of crushing due to rolling away or tipping

With an uneven floor or when the castors are not locked, there is a danger that the unit tips over or rolls away causing crushing.

Therefore:

- Only install the unit on an even floor.
- Ensure that the castors are locked.

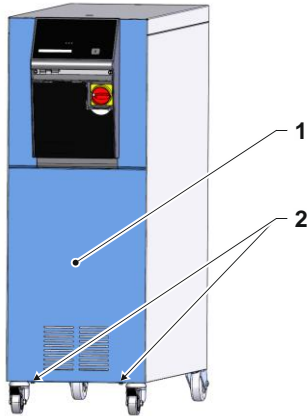


Fig. 1: Remove front plate

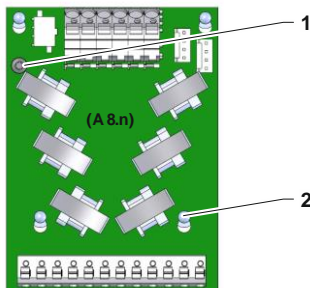


Fig. 2: Current measuring board ZSM-51

1. Proceed as follows in order to cool down the unit.
 - Display menu page **Functions**.
 - Select the function **Cooling** and activate with the **OK** key.
 - The activated function is indicated with the **✓** symbol.
2. Switch off master switch and disconnect from mains supply.
3. Proceed as follows in order to remove the front plate:
 - Loosen 2x hexagon head screws (Label 2 → Fig. 1).
 - Slightly pull out the front plate (Label 1 → Fig. 1).
 - Swivel the front plate slightly upwards, pull out and remove.

4. Loosen the screws in the front panel and hinge it down.
5. Proceed as follows in order to remove the current measuring board ZSM-51 (A 8.n):
 - Remove all connectors.
 - Remove all strands and cables.





NOTICE!

If cable or strands are no longer labelled, redo labelling.

- Remove Torx screw (Label 1 → Fig. 2).
 - Pull the current measuring board ZSM-51 (A 8.n) slightly upwards and move out of the printed circuit board holders (Label 2 → Fig. 2).
6. Proceed as follows in order to mount the current measuring board ZSM-51 (A 8.n):
 - Engage the new current measuring board ZSM-51 (A 8.n) in the printed circuit board holder and mount using the torx screw.
 - Correctly reconnect all strands and cables.
 - Restore connections.
 7. Close and secure the front panel.

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8. Proceed as follows in order to mount the front plate:
 - Mount the front plate.
 - Tighten the 2x hexagon head screws.
9. Reconnect mains plug and switch on main switch.
10. Switch the unit on with the  key.
11. Check unit functions.
12. Switch the unit off by press the  key.
13. Main switch off.

Parts list

Pos	Description	O/ID	O/ID	
			T25550	T25550-1
			Pcs	Pcs
01	Current measuring board ZSM-51	T24765	1	-
02	Current measuring board ZSM-51 finished	T24765-1	-	1
03	Cabel X 303	T25547	1	1
04	Assembly instructions German	M8108-DE	1	1
05	Assembly instructions English	M8108-EN	1	1
06	Assembly instructions French	M8108-FR	1	1