

Assembly Instructions M8093-EN

Spare part Control unit USR-51 (O/ID T24642, T27449)

Spare part Display complete (O/ID T24641)

Purpose

Replacement of control unit USR-51 (A 1) / Display (A 2)

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.

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. Loosen the screws in the front panel and hinge it down.
4. Proceed as follows in order to remove the USR-51 (A 1) with display (A 2):
 - Remove fixing screw of GIF-51 (A 4) and tilt the GIF-51 to the back.
 - Loosen the fixing screws from the USR-51 (A 1) and unplug all connectors.
 - Completely remove the USR-51 (A 1) and display (A 2) from the unit.
5. Proceed as follows in order to remove the display (A 2) from the USR-51 (A 1):
 - Bend back the metall bracket (→ Fig. 1)
 - Unplug connector of display (A 2) and USR-51 (A 1).

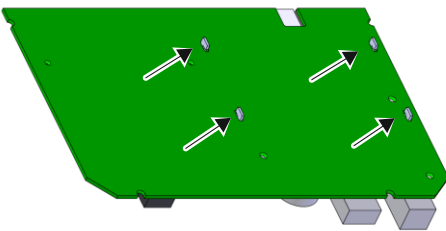


Fig. 1: Rear of control unit USR-51

With O/ID T24641

6. Proceed as follows in order to replace the display (A 2) and fixing device:
 - Insert the new display (A 2) with fixing device on USR-51 (A 1).
 - Restore connection.
 - Bend back the metal brackets.

With O/ID T24642-X, T27449-X

7. Proceed as follows in order to replace the USR-51 (A 1):
 - Place existing optional plates on the new USR-51 (A 1), when available.
 - Insert the display (A 2) with fixing device on the new USR-51 (A 1).
 - Restore connection.
 - Bend back the metal brackets.

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8. Proceed as follows to mount the USR-51 (A 1) with display (A 2):
 - Plug in all connectors.
 - Mount the USR-51 (A 1) with display (A 2) using the screws.
 - Mount the GIF-51 (A 4) using the screws.
9. Close and secure the front panel.
10. Reconnect mains plug and switch on main switch.

With O/ID T24642-X, T27449-X




NOTE!

The unit will maybe perform an automatic software update.



HINWEIS!

The software version SW51-2_1714 or later is required for the use of the additional equipment ZO (interface OPC UA).

11. Check date and time and if necessary adjust (see Operating instructions: chapter Operation).
12. Check unit functions.
13. Switch the unit off by press the  key.
14. Main switch off.

Parts list

Pos	Description	O/ID	O/ID		
			T24641	T24642-X	T27449-X
			Pcs	Pcs	Pcs
01	Control unit USR-51	T27448-X	-	1	1
02	Display complete	T24225	1	-	-
03	Assembly instructions German	M8093-DE	1	1	1
04	Assembly instructions English	M8093-EN	1	1	1
05	Assembly instructions French	M8093-FR	1	1	1