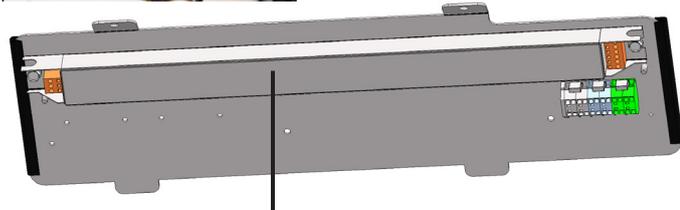
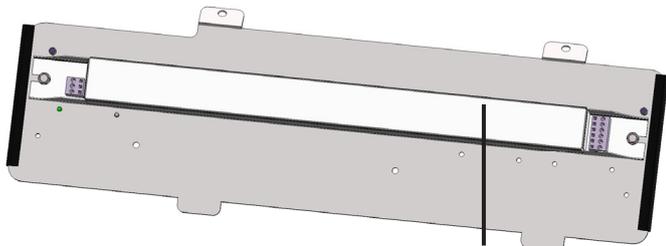


INSTRUCTION FOR CHANGING THE TL BALLAST(S) IN THE MD 40 AND 48 WITH 3 AND 5 LEVELS. PART NUMBER 9221069S.

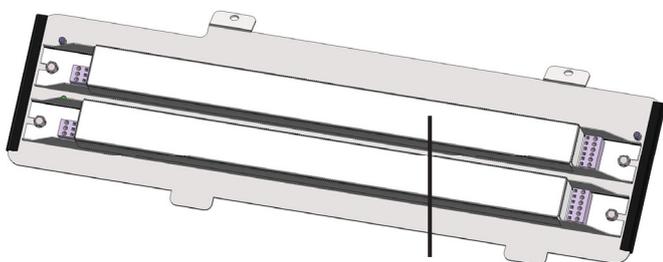
It is recommended to have the service manual of the MD series (9123861) at hand.



Replacing ballast PLL lamp and terminal block on new mounting plate.



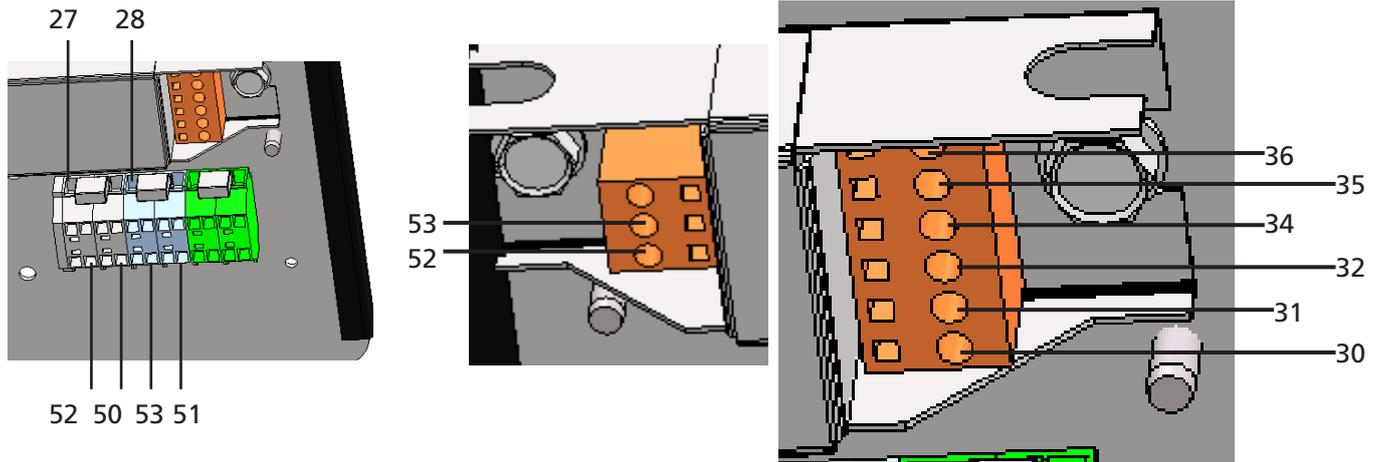
New Ballast TL lamp 3 shelf version



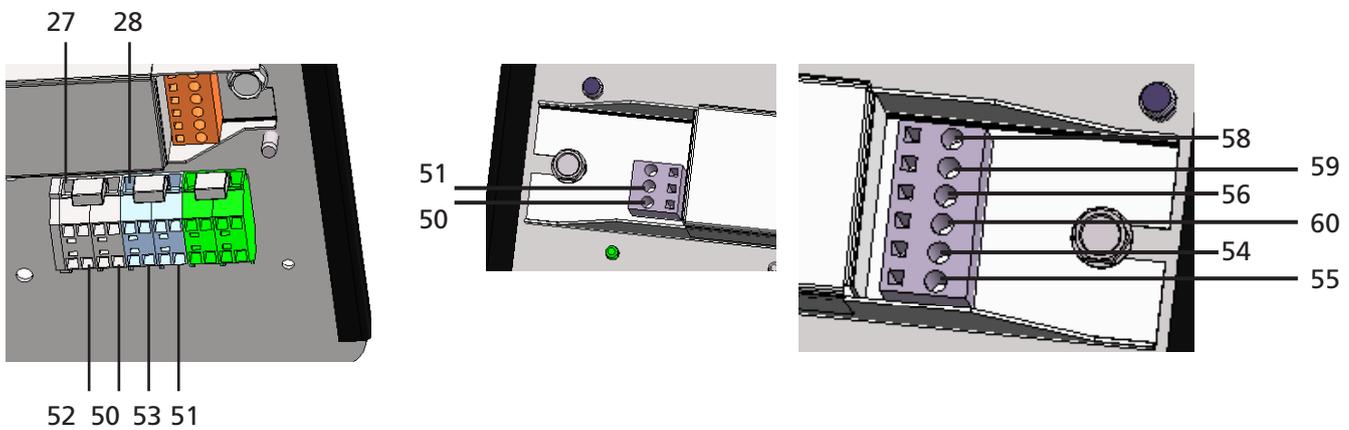
New ballasts TL lamp 5 shelf version

1. Remove the plastic plugs on the backside that cover the bolts.
2. Loosen the bolts that secure the top cover panel and remove the panel.
3. Remove the bolts on the mounting plate and lift the plate out.
4. Remove the ballast for the PLL lamps, but leave the wiring on the ballast connected.
5. Remove the ballast(s) for the TL lamps and remove the wiring of the ballast(s) on the terminal block.
6. Remove the live wiring from the terminal block (wire 27-28-52-53).
7. Remove the terminal block of the live wiring by squeezing the clamping lips. Place this terminal block on the new mounting plate.
8. Remove the black rubber protection profiles on the mounting plate and place these on the new mounting plate.
9. Place the existing ballast for the PLL lamps on the new mounting plate and fix this with the taptites.
10. Place the new ballast(s) for the TL lamps on the new mounting plate and fix this with the taptites.
11. Place the existing ballast for the PLL lamps on the new mounting plate and fix this with the taptites.
12. Connect all wiring to the terminal block and all ballasts (see next page). Note: For the 3 shelf version you need 1 wire 50 and 51 and for the 5 shelf version you need 2 of each.
13. Place the mounting plate on the top side and fix this with the 2 bolts.
14. Test all lamps by switching the machine on.
15. Mount the top plate and cover the 2 screws with the plastic plugs.
16. Perform a general test run of the unit.

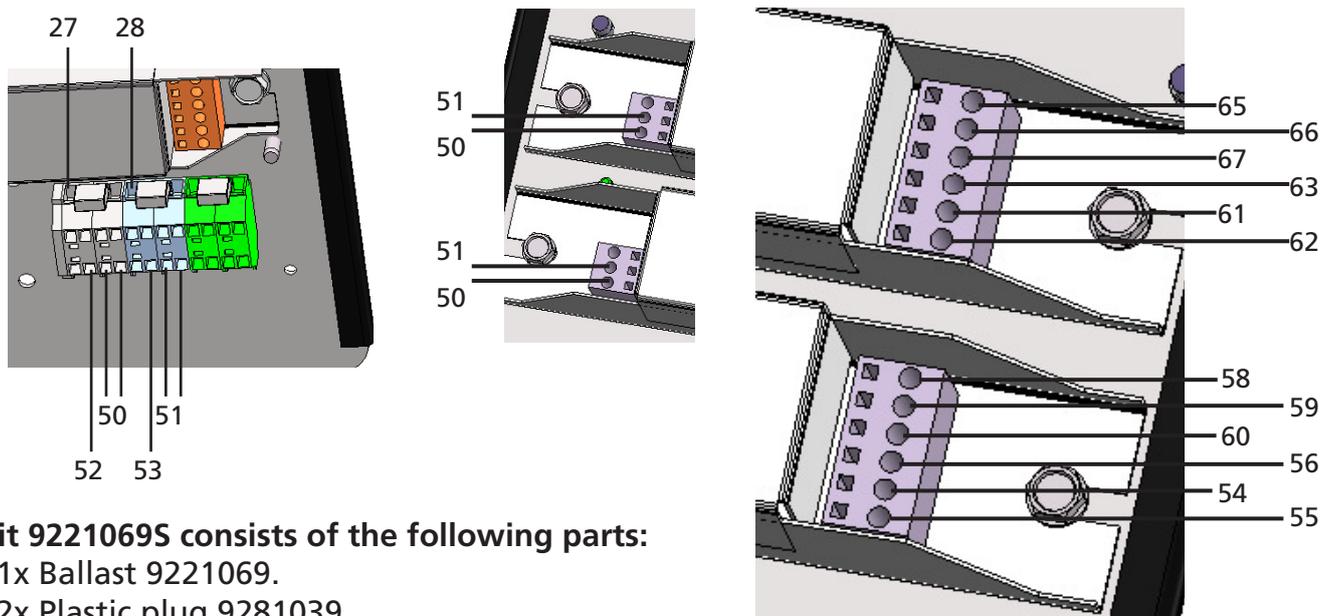
CONNECTION OF THE PLL BALAST FOR THE 3 AND 5 SHELF VERSION



CONNECTION OF THE TL BALAST FOR THE 3 SHELF VERSION



CONNECTION OF THE TL BALASTS FOR THE 4 (MD 40) AND 5 SHELF VERSION



Kit 9221069S consists of the following parts:

- 1x Ballast 9221069.
- 2x Plastic plug 9281039.
- 1x Mounting plate 9224727.
- 1x wire nr. 50 L= 8".
- 1x wire nr. 51 L= 8".
- 2x taptite M4x10, 4285130.
- 1x packaging box 4311157.
- 1x Instruction 9124128.

Note: For the different versions you need the following parts.
MD 40-48 with 3 levels. 1x 9221069S.

MD 40 with 4 levels and MD 40-48 with 5 levels. 2x 9221069S.
You only need to use the extra ballast and wires 50 and 51 from the second kit.