

Decoder circuit board for Märklin Re 460 + Ae 6/6, article 8069

The PCB 8069 has been developed for Märklin locomotives of the Re 460 and Ae 6/6 series to digitize them in the easiest and cleanest way. The PCB is equipped with a 21MTC interface, all important connections are led out to large solder pads.

The decoder outputs Aux 3 and Aux 4 are amplified on the circuit board and can therefore be used for the direct connection of consumers.

The PCB is therefore ideal for connecting our light modules 8086 (for the Re 460) or 8085 (for the Ae 6/6) with red and white LEDs.

There are two diodes on the circuit board. These ensure that the white lamp at the bottom right is always lit when the other white lamps are lit (A-light).

If necessary, two more diodes (D1 and D4) can be fitted. This allows the Swiss light change without changing the decoder settings.

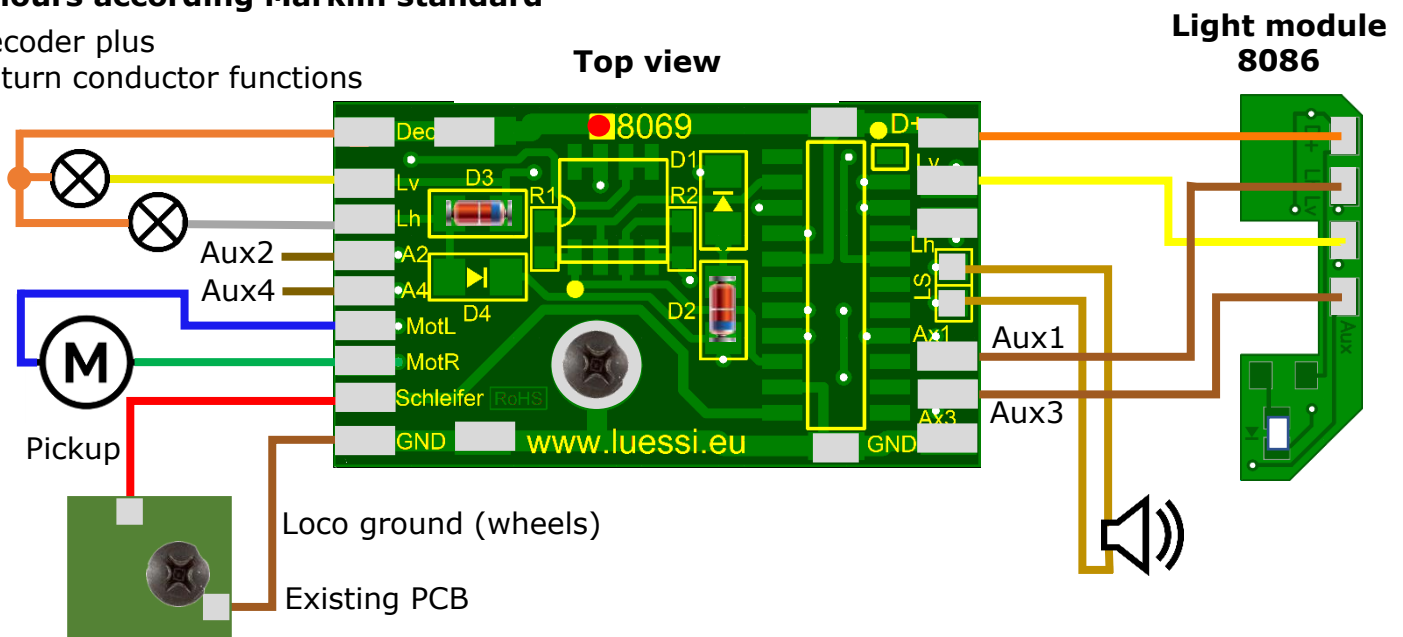
The PCB has a size of 32 x 18mm and therefore fits exactly into the Re 460 and Ae 6/6 instead of the existing PCB and is fixed with the existing screw.

Connections

Colours according Märklin standard

Decoder plus

Return conductor functions



Colours according to NEM/DCC Standard

Decoder plus

Return conductor functions

