

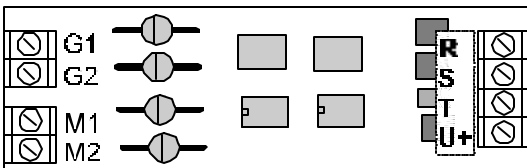
Information

LP200 Slave Motor Driver

Art. No. 10202

DIGITAL
plus

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Slave motor driver LP200

The slave motor driver LP200 serves to expand the locomotive decoder LE200. It is used whenever a locomotive has two (or more) motors, and the maximum output current of the locomotive decoder LE200 or LE230 is not large enough for these motors. The slave motor driver then provides an additional 2Amps of motor current.

Specifications of slave motor driver LP200:

- Use only with locomotive decoders LE200/230.
- Continuous load capacity of the motor output does not exceed 2Amps.
- The motor output is short-circuit proof: a temperature sensor switches off the slave motor driver when there is an overload or short circuit. The locomotive decoder LE200/230 is also switched off at the same time.
- Measurements: 2 $\frac{3}{4}$ "W x 13/16"D x $\frac{1}{2}$ "H
(70 mm x 20 mm x 12 mm)

Preparations for installing the slave motor driver LP200

Before installation, the locomotive must be tested to ensure problem-free operation with regular DC power. Worn motor brushes must be replaced before installation. Only a mechanically fully fit locomotive will be able to operate without problems with locomotive decoder and slave motor driver.

Considerations for installation

The components of the slave motor driver must under no circumstances touch metal parts of the frame or shell of the locomotive. If they do, you will have a short circuit within the slave motor driver and it will be destroyed! The motor leads of the locomotive must not have any connections to frame or wheels of the locomotive.

The terminal row U+, T, S, R is solely for connecting the slave motor driver to the locomotive decoder LE200/230. Their must be

Then wire terminals U+, T, S, R of slave motor driver LP200 with the corresponding terminals on locomotive decoder LE200/230. Then connect terminals G1 and G2 of the slave motor driver with the corresponding terminals on locomotive decoder LE200.

Now connect the first motor to terminals M1 and M2 of the locomotive decoder, then connect the second motor to terminals M1 and M2 of slave motor driver LP200.

You must not connect the motor output M1 and M2 of the slave motor driver in parallel with motor outputs M1 and M2 of the locomotive decoder! This will cause the failure of both units.

Test for correct connections, while programming the locomotive decoder.

When connecting the motors, make sure that the motors turn in the correct direction on command "forward move." If that is not the case, you must reverse the motor leads on the slave motor driver LP200.



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This equipment complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.