

# LDT 700012 Permanent PowerSwitch Unit Instruction Manual

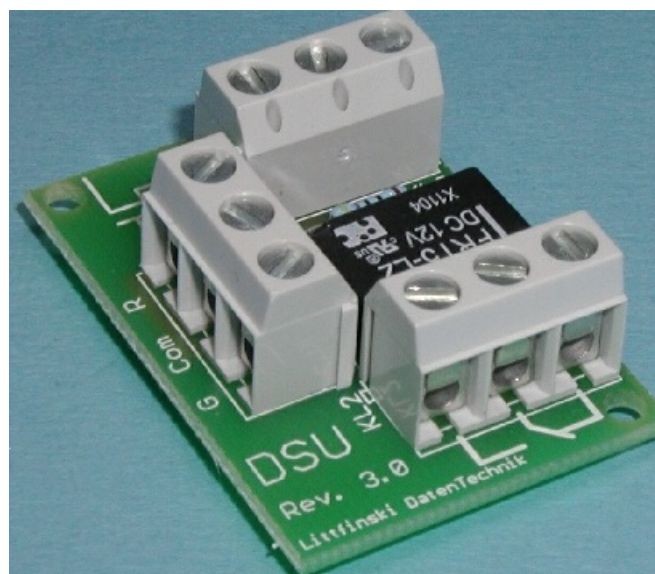
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## LDT 700012 Permanent PowerSwitch Unit



## Introduction/Safety instruction:

You have purchased the Permanent-Power-Switch-Unit DSU for your model railway.

The Permanent-Power-Switch-Unit DSU is a high quality product that is supplied within the Digital-Professional-Series of Littfinski DatenTechnik (LDT).

We wish you having a good time using this product. The Permanent-Power-Switch-Unit DSU comes with a 24 month warranty.

- Please read the following instructions carefully. Warranty will expire due to damages caused by disregarding the operating instructions. LDT will also not be liable for any consequential damages caused by improper use or installation.
- We designed our devices for indoor use only.

## Function

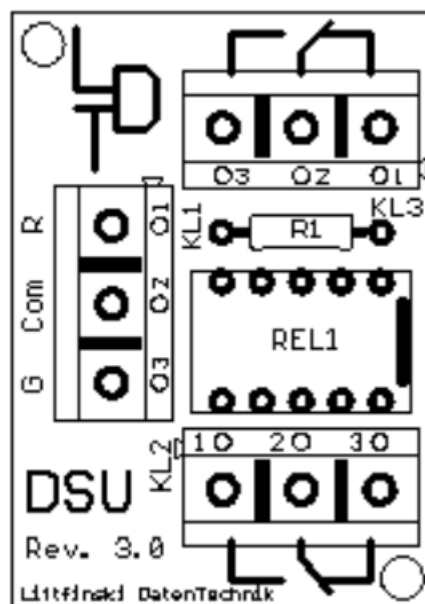
Information for switching the digital systems are active as long as the respective key of the keyboard will be pressed. On this way is it possible to operate turnouts, signals or uncoupling devices by repeated pressing the key. If a standard mono-stable relay has been connected to the decoder output this relay will be activated for the duration of pressing the key only. Such a relay can not be used for street-, building- or turnout illumination. For such applications is it suitable to use the Permanent-Power-Switch-Unit DSU because this unit includes a bistable relay. A short impulse will switch-over this relay into the secondary switch position and remains there even without voltage at the switch contacts.

If the permanent power switch DSU will be combined with the TurnTable-Decoder TT-DEC the polarity of a 2-conductor turntable bridge will be automatically changed on every 180 degree turning.

## Connecting the Permanent-Power-Switch DSU to the Turnout-Decoder:

**Attention:** Before starting the installation switch off the voltage of the layout (switch-off the transformers or disconnect the mains supply).

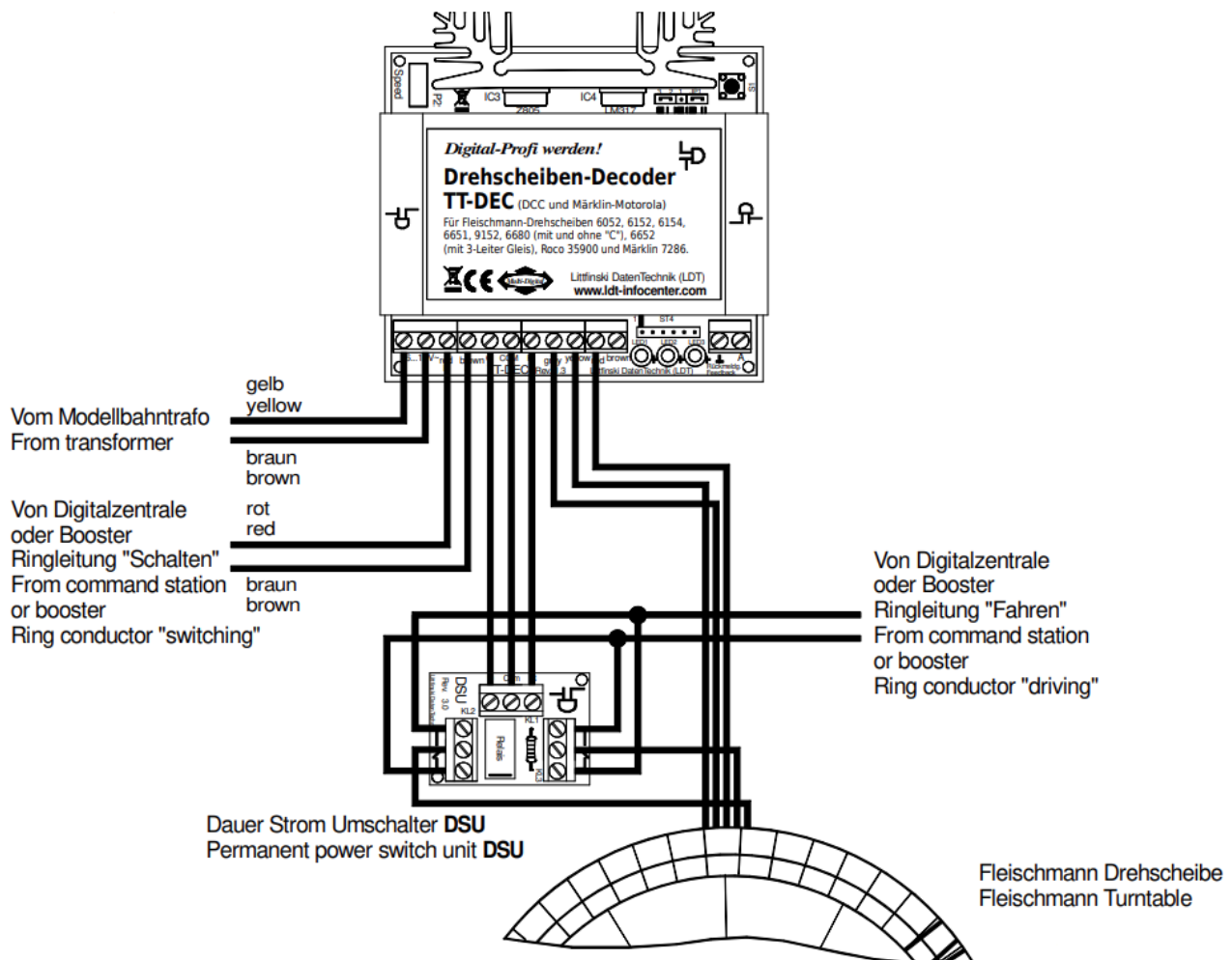
Connect the Permanent-Power-Switch Unit DSU to an output of a Turnout-Decoder S-DEC-4 or to the Turntable-Decoder TT-DEC as per advice on the backside of this instruction.



The clamp KL1 on the left side of the DSU marked "G", "COM" and "R" shall be used for this connection. The output clamps of the Turnout-Decoder S-DEC-4 are as well identified by the letters "G" and "R". The connection at


[illegible]

**Picture 2:** Permanent-Power-Switch-Unit DSU in interaction with the Turntable-Decoder TT-DEC for the polarity switching of the turntable bridge.



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Subject to technical changes and errors. Ó 09/2022 by LDT

## Documents / Resources

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|  | <p><a href="#">LDT 700012 Permanent PowerSwitch Unit</a> [pdf] Instruction Manual</p> <p>700012 Permanent PowerSwitch Unit, 700012, Permanent PowerSwitch Unit, PowerSwitch Unit</p> |
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## References

- [📄 de:ldt-infocenter \[LDT\]](#)

Manuals+.