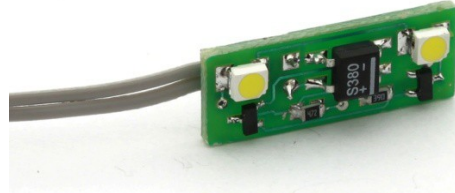


TM-57401
TM-57402



Mini Lighting Module

User's Manual



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Safety Warnings

During the operation of the device, the specified technical parameters shall always be met. At the installation, the environment shall be fully taken into consideration. The device must not be exposed to moisture and direct sunshine.

A soldering tool may be necessary for the installation and/or mounting of the devices, which requires special care.

During the installation it shall be ensured that the bottom of the device should not contact with a conductive (e.g. metal) surface!

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Features and Properties

- Can be powered using DC or AC
- Supply voltage independent current source driving
- Low size, easy placement
- Low consumption
- Can be operated between wide voltage ranges
- Cold and warm white LED types*

* Selection of types:

TM-57401: Module equipped with cold white LED

TM-57402: Module equipped with warm white LED

Technical Parameters

Input supply voltage: 7-24 V

Maximum current consumption: 18 mA

Size: 23x9 mm

Short description

The universal house interior lighting module may be used to bring various buildings on the train layout to life. The current source LED supply ensures that the module produces a consistent light level independent of the input voltage.

Connection

The module may be fed using an auxiliary ~16 V power supply in analog systems, or even using the rail signal of a digital center (DCC, Motorola, Selectrix, etc.)

Input is polarity independent.

For connection, see: Figure 1

Guarantee and Legal Statement

Each parameter of the device has been submitted to extensive testing prior to marketing. The manufacturer undertakes one year guarantee for the product. Defects occurred during this period will be repaired by the manufacturer free of charge against the presentation of the invoice.

The validity of the guarantee will cease in case of improper usage and/or treatment.

Attention! By virtue of the European EMC directives the product can be used solely with devices provided with CE marking.

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Figure1 Connection of the Module

