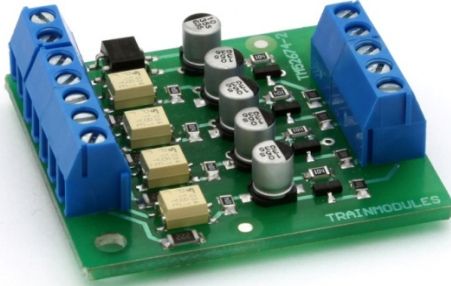
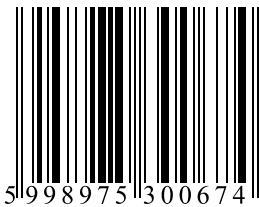


TM-52674



## Bulb simulator (dimmer)

User's manual



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## **Safety warning**

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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## **Properties**

- Easy connection to other devices
- Four independent outputs
- Galvanically isolated inputs

## **Technical parameters**

Supply voltage: 8-18V

Idle mode current consumption: <1 mA

Max. current consumption: 400 mA

Dimensions: 38x35 mm

## **Short description**

It serves for switching on/off the LEDs while continuously increasing/decreasing their light intensity similarly to traditional bulbs.

## **Wiring**

The device has traditional open-collector outputs. The proposed wiring is shown in figure 1.

The inputs can be controlled by open-collector outputs of other devices (light-signalling decoder, device decoder, track occupation indicator etc.).

## **Guarantee and legal statement**

Each parameter of the device was submitted to comprehensive 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 directive the product can be used solely with devices provided with CE marking.

*The mentioned standards and branch names are the trademarks of the firms concerned.*

Figure 1

