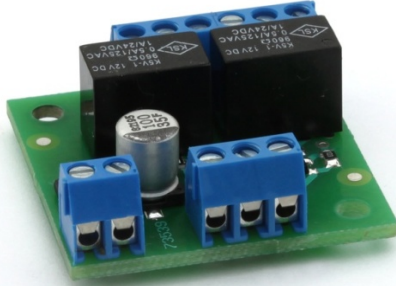
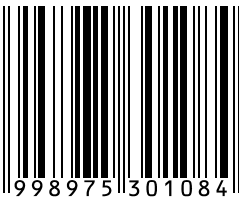


TM-73539



Extender with relays

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

- High load current
- Can be connected to the output of all sensors

Technical parameters

Supply voltage: 7-24V AC/DC

Idle mode current consumption: 0 mA

Max. current consumption: 150 mA

Dimensions: 33x33 mm

Short description

It completes sensor modules of low output current when used for driving devices of higher current consumption.

Furthermore, it can be used for any kind of modules with open-collector output (closing to 0V).

E.g. Block occupancy detector (TM- 26301), Light signal decoder (TM-74433), Railroad-crossing controller (TM-72427), Reflective object sensor (TM- 73379)

Wiring

The supply voltage is connected to the **POWER** input.

The output signal of the device to be boosted is connected to the **C1** and **C2** inputs, the device of high current consumption is connected to the **R1-x** and **R2-x** contact outputs.

The **R1-x** and **R2-x** outputs are SPDT, i.e. single transfer contacts.

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: Wiring diagram

