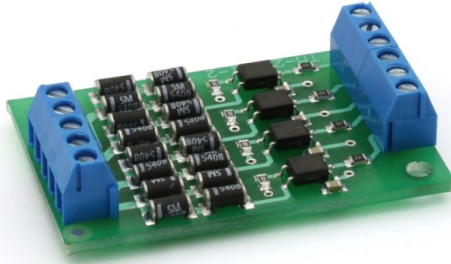


TM-26301



Block occupancy detector

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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Features and properties

- It can be used with analog and digital systems
- No individual power supply requirement
- Galvanically isolated outputs
- Four independent channels
- Easy connection to the block occupancy feedback device

Technical parameters

Input supply voltage: 4-24V

Idle mode current consumption: 0 mA

Max. transfer current: 1A

Max. output current: 50mA

Dimensions: 48x32 mm

Short description

The circuit serves for checking the occupancy of four independent blocks. Detection is based on the block current consumption monitoring.

The output is a galvanically isolated open-collector.

Wiring

The blocks connected to the module rail output connector are supplied by the current flowing along the common wire (Figure 1: lower, thick blue line).

LEDs or digital feedback modules can be connected to the detector outputs (upper outputs on the figure).

Guarantee and legal statement

Each parameter of the device will be 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 directives 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

