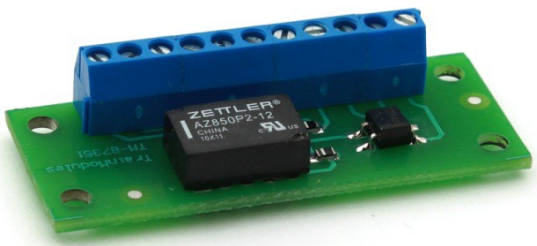


TM-87351



Universal Relay 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

- May be used for both analog and digital systems
- Can be powered using DC or AC
- Bistable relay
- Can also be used with short switching impulses

Technical Parameters

Input supply voltage: 12-16 V

Stand-by current consumption: 20 mA

Maximum connected current: 1 A

Size: 54x21 mm

Short description

Universal relay control module which can be used for various control and automation tasks. The module is equipped with DPDT (Double Pole Double Throw) outputs, and the control input may even be fed using AC. The two control inputs switch the bistable relay on the module between the two states. For example, signaling control can also be implemented if connected properly using the rail connector connected to the control input.

The input voltage range is compatible with both analog and digital systems. As a result, an accessory decoder (e.g. TM-22332) may also be complemented using relay contacts.

The relay locks mechanically, thereby also remaining stable in unpowered state

Connection

See Figure 1 for the simple connection of the module. The power is connected to the points labeled "POWER". The rail signal or the contact can be connected to the points labeled "PUSH BUTTONS".

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.

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

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Figure 1 Connection of the Module

