



Automatic Cutout

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

- Developed for DCC, Selectrix, Motorola and Analog systems
- Automatic cutout of outputs in case of short circuit
- Buzzer and LED indicate short circuit
- Outputs switched back automatically
- No separate power required for operation
- Semiconducting switching elements for quicker reaction
- High load capacity

Technical Parameters

Input supply voltage: 7 - 24 V

Stand-by current consumption: 20 mA

Cutout current: 2.7 A

Size: 66x47 mm

Short description

Larger train layout, and especially module train layout require that each section be isolated separately. The advantage of isolation is that in case of a short circuit, only the given section is disconnected as opposed to the complete train layout rail system. For example, all other tracks at a station remain usable in case of a short circuit.

In case of a short circuit, the buzzer sounds and the LED lights up. The module reconnects automatically in 4 seconds. If the short circuit persists, the short circuit signal is given again.

Connection

The module must be connected between the power supply and the section insulated on both tracks as illustrated (see Figure 1). If several independent sections are to be implemented, one module is required for each independent section which may even be fed from a joint booster output (see Figure 2)

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.

TrainModules – BioDigit Ltd
Cziraki street 26-32,
1163 Budapest

Made in Hungary.

<http://www.trainmodules.hu/>

Figure 1 Connection of the Module

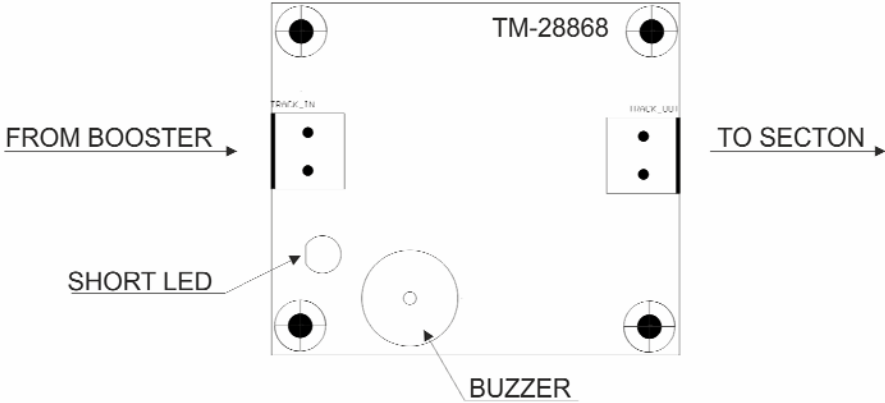


Figure 2 Connection of Several Sections

