

DIBLO T5

Blocking diode array

B+Z Art. Nr. 560



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Application / function

Application

Diode array, consisting of 5 avalanche-diodes with separated connectors. The device is the follow-up product of the DIBLO5. The Diodes are technically identical as used in the former product HBTB 585480 R1.

Function

For applications within electric circuits on rolling stock

Technical data

Type designation: **DIBLO-T5**

• Standards

The product is manufactured in accordance with the following standards:

ISO 9001:2015

Electronic equipment used on rolling stock: EN50155

Electromagnetic compatibility: EN50121-3-2

Isolation: EN50124-1

Shock and vibration: EN50155/EN61373

Fire protection according to EN 45545

The standards applicable to this product are dependent on the version available at the time of development.

• Diode specification

Number of diodes: 5
Voltage max.: 1600V
Permanent current: 1.5A per diode

• Mechanical protection

Type: IP30



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DIBLO T5
Diode module

Mechanical data

- **Measures**

B x T x H: 22.5 x 72 x 85 mm
Maximal length : with connector plug ca. 125 mm
Weight : ca. 110 g (without mating connector plug)

- **Materials**

PDB: Epoxy
Case: Plastic, enforced with glass fibre
Front cover: Plastic

- **Installation / mounting**

Mounting : on T - Rail 35mm, EN-50022-35

- **Front connector**

14-pin male plug : (codeable)

- **Mating connector (optional)**

14-pin female plug : Clamp with plate for the purpose of exoneration

Other conditions

- **Climatic conditions**

Environment temperature: -20°C bis +70°C Class T3
Humidity : max 90% rF, at30°C, non condensing.

- **Disposal**

According to local regulations



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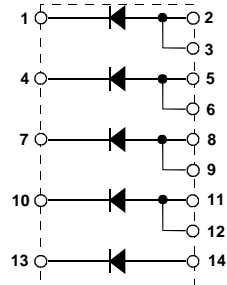
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DIBLO T5
Diode module

Connection / Wiring diagram



Measures / mounting



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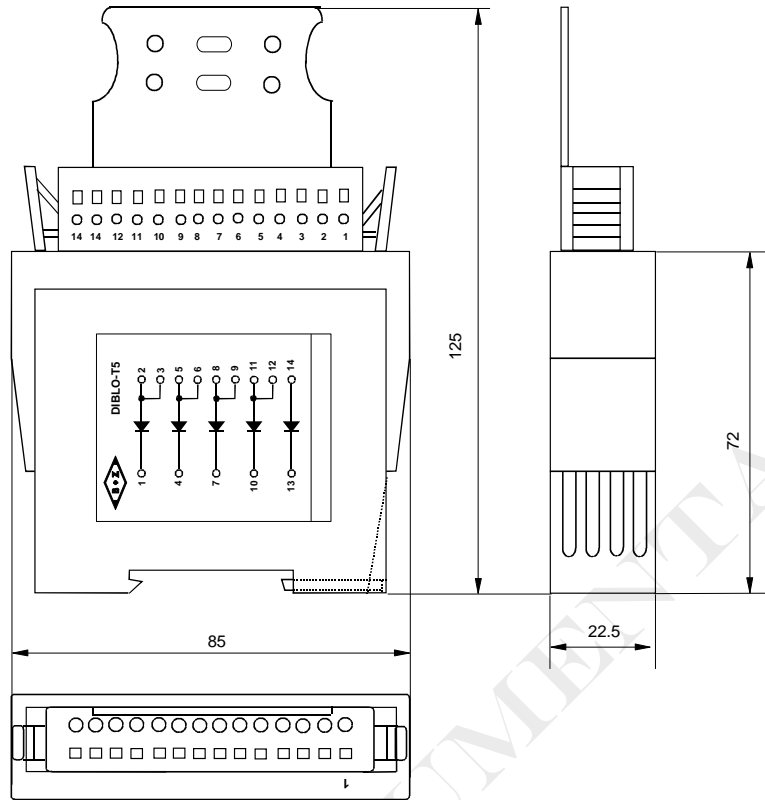
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