

# BVW 3312 / BVW 3313

## Fading control unit 36V

3312 = Ident N° HBVW400495R1 / B+Z Art.N° 34 3313 = Ident N° HBVW400495R2 / B+Z Art.N° 36

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Simular picture

B + Z Elektronik AG CH-8108 Dällikon Tel: +41(0)44 8440355 www.bahnelektronik.ch



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## 1. Description/ function

Low beam control for instrument lighting. For ohmic loads...

The brightness of the lamps or LEDs is steplessly controlled by the rotary knob between 25-100%.

Thus the dimmer is not dimmable to 0. The control of the lamps is voltage-compensated.

BVW3312 has on the front panel a lamp and a "V" symbol. BVW3313 has on the front panel a lamp symbol without V.

## 2. Technical data

#### 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.

Typs: **BVW3312 36V** Ident. No.: HBVW400495R1

**BVW3313 36V** Ident. No.: HBVW400495R2

Input

Operating voltage: 36VDC +25% / -30%

Open circuit current: approx. 18mA

Protective circuit: Transient protection diode

Output

Signal output: Pulse-width-modulated voltage signal; Amplitude = Operating

voltage.

Voltage range: 8.5V ... 34.3V (<u>effective valie</u>) at rated voltage. (Ca. 25-100%)

Power: max. 10W (Output not short-circuit proof)



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BVW 3312 / 3313 Fading control unit 36V Ident.-N°.: HBVW 400495 R1 / R2

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#### General Data

Front frame: 24 x 48 mm Built-in depth: 76 mm Switchboard cutout: 21 x 42 mm Weight: approx. 60g

Housing material: **Plastic** 

Connecting type: Faston tongues (6,3 x 0,8mm) + 36 V Operating voltage Connection name: 1

> 2 0 V 3 0 V

Lamp output (max. 10W)

Connction diagram on the side. Labeling:

Ambient temperature: -40°C to +60°C

## Disposal / Recycling

According to local regulations.



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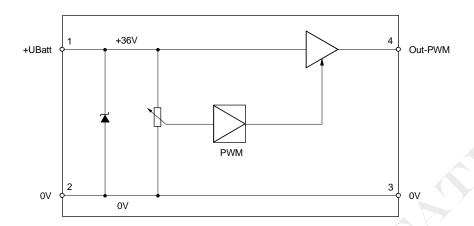
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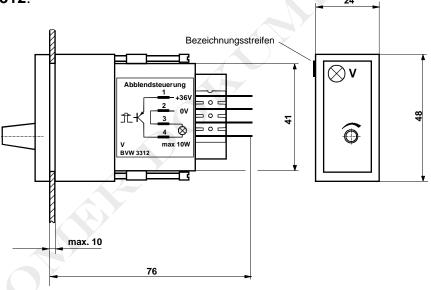
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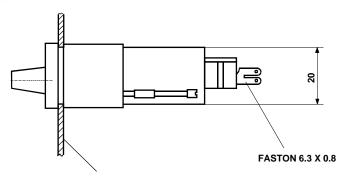
## 3. Block diagram



### 4. Measures







AUSSCHNITT IN DER FRONTPLATTE 21 -0.5 X 42-0.5



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