

**ZB 4/6**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

Weidmueller offers tapping terminals for various types of bus bar systems. Depending on the application, a distinction can be made here between insulated and non-insulated tap-off terminals.

**General ordering data**

|            |                              |
|------------|------------------------------|
| Version    | Terminal (busbar connection) |
| Order No.  | <a href="#">0556700000</a>   |
| Type       | ZB 4/6                       |
| GTIN (EAN) | 4008 190188412               |
| Qty.       | 50 items                     |

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 20 mm  | Depth (inches)  | 0.7874 inch |
| Height     | 12 mm  | Height (inches) | 0.4724 inch |
| Width      | 5.3 mm | Width (inches)  | 0.2087 inch |
| Net weight | 2.88 g |                 |             |

### Temperatures

Ambient temperature -5 °C...40 °C

### Environmental Product Compliance

RoHS Compliance Status Compliant without exemption  
 REACH SVHC No SVHC above 0.1 wt%

### Material data

Basic material Steel Colour silver

### Rating data IECEx/ATEX

|                                |                    |                                 |                   |
|--------------------------------|--------------------|---------------------------------|-------------------|
| Certificate No. (ATEX)         | DEMKO03ATEX136028U | Certificate No. (IECEX)         | IECEXULD13.0005U  |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup>  | Wire cross section max. (IECEX) | 4 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex eb II C Gb      | Ex 2014/34/EU label             | II 2 G D          |

Safety notice  
 Installation instructions:  
 The potential equalisation (PE) rail modules are suitable for use in housings in atmospheres with flammable gases and dust. For use in areas with flammable gases, these housings must meet the requirements of EN 60079-0 and EN 60079-7. For use in areas with flammable dust, these housings must meet the requirements of EN 60079-0 and EN 60079-31.  
 When combined with other terminal block ranges and sizes, and when other accessories are used, you must comply with the clearance and creepage distances given. Regarding accessory use, the manufacturer's instructions must be followed.

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List of restrictions:  
 The PE rail modules are considered one component, with Ex marking when used with the busbar holders of type SH and WEW. When used independently, the above named components are not covered by this certificate.

### System specifications

Version for busbar 6 x 6 mm

### Additional technical data

Installation advice Feed-through (bushing) Type of mounting when screwed in

### CSA rating data

|                               |        |                       |           |
|-------------------------------|--------|-----------------------|-----------|
| Wire cross section max. (CSA) | 10 AWG | Certificate No. (CSA) | 12400-237 |
| Wire cross section min. (CSA) | 26 AWG |                       |           |

### Conductors for clamping (rated connection)

|  |                     |  |                     |
|--|---------------------|--|---------------------|
| Tightening torque, max.                              | 1 Nm                | Tightening torque, min.                              | 0.5 Nm              |
| Stripping length                                     | 16 mm               | Type of connection                                   | Clamping yoke       |
| Clamping range, max.                                 | 6 mm <sup>2</sup>   | Clamping range, min.                                 | 0.5 mm <sup>2</sup> |
| Clamping screw                                       | M 3                 | Wire connection cross section, finely stranded, max. | 4 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded, min. | 0.5 mm <sup>2</sup> | Connection cross-section, stranded, min.             | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.      | 6 mm <sup>2</sup>   | Wire connection cross-section, solid core, min.      | 0.5 mm <sup>2</sup> |

### General

Installation advice Feed-through (bushing)

### Rating data

Rated cross-section 4 mm<sup>2</sup>

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000001    | ETIM 9.0    | EC000001    |
| ETIM 10.0   | EC000001    | ECLASS 14.0 | 27-25-01-16 |
| ECLASS 15.0 | 27-25-01-16 |             |             |