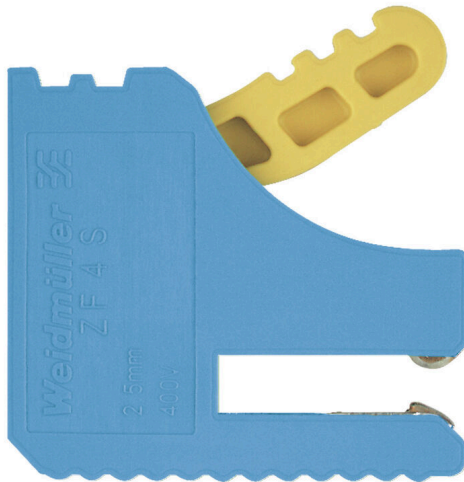


**ZF 4 S BL**

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

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="#">1814660000</a>   |
| Type       | ZF 4 S BL                    |
| GTIN (EAN) | 4032248302956                |
| Qty.       | 50 items                     |

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## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 22 mm   | Depth (inches)  | 0.8661 inch |
| Height     | 24.5 mm | Height (inches) | 0.9646 inch |
| Width      | 6.1 mm  | Width (inches)  | 0.2402 inch |
| Net weight | 4.52 g  |                 |             |

### Temperatures

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Ambient temperature              | -5 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C        |                                  |        |

### Environmental Product Compliance

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

### Material data

|                |        |                           |       |
|----------------|--------|---------------------------|-------|
| Basic material | Wemid  | Insulating material       | Wemid |
| Colour         | silver | UL 94 flammability rating | V-0   |

### System specifications

|                                     |                      |                          |        |
|-------------------------------------|----------------------|--------------------------|--------|
| Version                             | for busbar 10 x 3 mm | End cover plate required | No     |
| Number of potentials                | 1                    | Number of levels         | 1      |
| Number of clamping points per level | 1                    | Mounting rail            | Busbar |

### Additional technical data

|                     |                         |                  |         |
|---------------------|-------------------------|------------------|---------|
| Installation advice | Direct mounting, Busbar | Type of mounting | Plugged |
|---------------------|-------------------------|------------------|---------|

### Conductors for clamping (rated connection)

|   |                          |   |                     |
|---|--------------------------|---|---------------------|
| Connection direction  | on side                  | Stripping length  | 10 mm               |
| Type of connection  | Tension-clamp connection | Number of connections   | 1                   |
| Clamping range, max.  | 4 mm <sup>2</sup>        | Clamping range, min.  | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm <sup>2</sup>      | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm <sup>2</sup>      | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>      | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>        | Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, solid core, max.   | 4 mm <sup>2</sup>        | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |

### General

|                     |                         |                                   |        |
|---------------------|-------------------------|-----------------------------------|--------|
| Installation advice | Direct mounting, Busbar | Operating temperature range, max. | 120 °C |
| Standards           | IEC 60947-7-1           | Mounting rail                     | Busbar |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Rating data**

|                                 |                     |  |         |
|---------------------------------|---------------------|--|---------|
| Rated cross-section             | 2.5 mm <sup>2</sup> | Rated voltage                                | 400 V   |
| Rated DC voltage                | 400 V               | Nominal current                              | 24 A    |
| Standards                       | IEC 60947-7-1       | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV                | Power loss in accordance with IEC 60947-7-x  | 0.77 W  |
| Surge voltage category          | III                 | Pollution severity                           | 3       |

**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 |             |             |