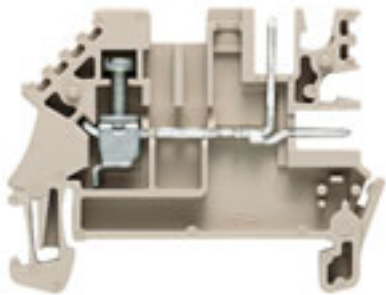


**W-Series**  
**WDU 1.5/ZQV/BLZ 5.08**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)



The idea is simple:

One terminal strip for the functional unit and one plug-in connector for the cable harness. All that remains to be done is to clip the two units together during final assembly. Finished!

**General ordering data**

|            |                                                                                              |
|------------|----------------------------------------------------------------------------------------------|
| Type       | WDU 1.5/ZQV/BLZ 5.08                                                                         |
| Order No.  | <a href="#">1784460000</a>                                                                   |
| Version    | W-Series, Feed-through terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Screw connection |
| GTIN (EAN) | 4032248197002                                                                                |
| Qty.       | 100 pc(s).                                                                                   |

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## Technische Daten

### Dimensions and weights

|            |        |                          |         |
|------------|--------|--------------------------|---------|
| Length     | 49 mm  | Width                    | 5.08 mm |
| Height     | 37 mm  | Height of lowest version | 37.5 mm |
| Net weight | 4.62 g |                          |         |

### Temperatures

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature            |        | Storage temperature              |        |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

### Additional technical data

|                          |                                                                                                      |                             |         |
|--------------------------|------------------------------------------------------------------------------------------------------|-----------------------------|---------|
| Explosion-tested version | No                                                                                                   | Number of similar terminals | 1       |
| Open sides               | right                                                                                                | Type of mounting            | Snap-on |
| Version                  | 1 plug-in connection - 2 plug-in connections, for plug-in cross-connector, One end without connector |                             |         |

### Clampable wires (additional connection)

|                                                                                             |                     |                                                                                             |                     |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm <sup>2</sup> |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------|---------------------|

### Clampable wires (rated connection)

|                                                                                                                                       |                     |                                                                                                                               |                      |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Type of connection                                                                                                                    | Screw connection    | Stripping length                                                                                                              | 10 mm                |
| Blade size                                                                                                                            | 0.6 x 3.5 mm        | Connection direction                                                                                                          | on side              |
| Number of connections                                                                                                                 | 1                   | Clamping range, rated connection, min.                                                                                        | 0.13 mm <sup>2</sup> |
| Clamping range, rated connection, max.                                                                                                | 4 mm <sup>2</sup>   | Clamping screw                                                                                                                | M 2.5                |
| Tightening torque, min.                                                                                                               | 0.4 Nm              | Tightening torque, max.                                                                                                       | 0.6 Nm               |
| Torque level with DMS electric screwdriver                                                                                            | 1                   | Gauge to IEC 60947-1                                                                                                          | A3                   |
| Wire connection cross section, solid core, max. rated connection                                                                      | 0.5 mm <sup>2</sup> | Wire connection cross section, solid core max. rated connection                                                               | 4 mm <sup>2</sup>    |
| Wire connection cross section, stranded, rated connection, min.                                                                       | 1.5 mm <sup>2</sup> | Wire connection cross section, stranded, rated connection, max.                                                               | 4 mm <sup>2</sup>    |
| 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>  |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.                             | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.                     | 2.5 mm <sup>2</sup>  |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm <sup>2</sup>  |
| Wire connection cross section AWG, min.                                                                                               | AWG 26              | Wire connection cross section AWG, max.                                                                                       | AWG 12               |

### Rated data

|                                 |                     |               |                          |
|---------------------------------|---------------------|---------------|--------------------------|
| Rated cross-section             | 1.5 mm <sup>2</sup> | Rated voltage | 250 V                    |
| Rated impulse withstand voltage | 4 kV                | Rated current | 16 A                     |
| Current at maximum wires        | 16 A                | Standards     | IEC 60947-7-1, IEC 61984 |
| Pollution severity              | 3                   |               |                          |

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## Technische Daten

### Material data

| Material                  | Wemid | Colour | Beige |
|---------------------------|-------|--------|-------|
| UL 94 flammability rating | V-0   |        |       |

### System specifications

| Product family                    | W-Series | Type of connection               | Screw connection |
|-----------------------------------|----------|----------------------------------|------------------|
| Connection direction              | on side  | Number of levels                 | 1                |
| Number of connections             | 1        | No. of clamping points per level | 3                |
| Levels cross-connected internally | No       | Mounting rail                    | TS 35            |
| End cover plate required          | Yes      |                                  |                  |

### Classifications

| ETIM 3.0   | EC000897    | UNSPSC     | 30-21-18-11 |
|------------|-------------|------------|-------------|
| eClass 5.1 | 27-14-11-20 | eClass 6.2 | 27-14-11-20 |
| eClass 7.1 | 27-14-11-20 |            |             |

### Product information

|                                 |                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Descriptive text technical data | Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm. 2.5 mm <sup>2</sup> conductor with wire-end ferrule with plastic collar, only with order No. 1333100000, QTY 500. |
| Descriptive text accessories    | Both sides of the WBB can be directly mounted using assembly pins (order number 1068260000).                                                                                          |

### Approvals

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

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## Zeichnungen

