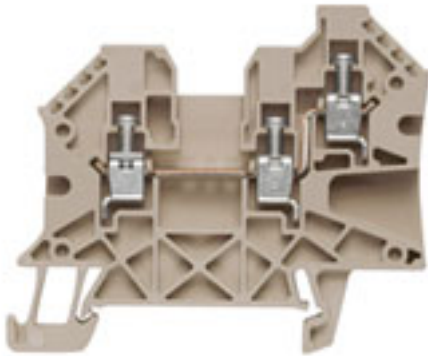


**W-Series  
WDU 4/ZR**

**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 versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal.  
Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

|            |                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------|
| Type       | WDU 4/ZR                                                                                                    |
| Order No.  | <a href="#">1905140000</a>                                                                                  |
| Version    | W-Series, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting |
| GTIN (EAN) | 4032248523399                                                                                               |
| Qty.       | 50 pc(s).                                                                                                   |

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## Technische Daten

### Dimensions and weights

|            |          |                          |         |
|------------|----------|--------------------------|---------|
| Length     | 63.5 mm  | Width                    | 6.1 mm  |
| Height     | 53 mm    | Height of lowest version | 53.5 mm |
| Net weight | 10.909 g |                          |         |

### Temperatures

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

### Rated data IECEx/ATEX

|                           |                          |                                |                                                                                                   |
|---------------------------|--------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Certificate No. (ATEX)    | KEMA08ATEX0014U          | ATEX certificate               | KEMA08ATEX0014U_d.pdf                                                                             |
| ATEX certificate          | KEMA08ATEX0014U_e.pdf    | Max. voltage (ATEX)            | 690 V                                                                                             |
| Current (ATEX)            | 30.5 A                   | Wire cross section max. (ATEX) | 4 mm²                                                                                             |
| Voltage, cross-connection |                          | Operating temperature range    | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                           | CrossConnectionGuide.pdf |                                |                                                                                                   |
| Marking EN 60079-7        | Ex e II                  | Marking ATEX Directive 94/9/EC | II 2 G D                                                                                          |

### 2 clampable wires (H05V/H07V) same cross-section (rated connection)

|                                                                                                            |         |                                                                                                            |         |
|------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------|---------|
| Wire connection cross section, finely stranded, two clampable wires, min.                                  | 0.5 mm² | Wire cross-section, finely stranded, two clampable wires, max.                                             | 1.5 mm² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1.5 mm² |

### Additional technical data

|                          |                                                                                                             |                     |                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------|---------------------|-----------------|
| Explosion-tested version | Yes                                                                                                         | Installation advice | Direct mounting |
| Open sides               | right                                                                                                       | Type of mounting    | Snap-on         |
| Version                  | Screw connection,<br>Additional connection, for<br>plug-in cross-connector,<br>One end without<br>connector |                     |                 |

### CSA ratings data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1057876 | Voltage size B (CSA)          | 600 V  |
| Voltage size C (CSA)          | 600 V          | Current size B (CSA)          | 30 A   |
| Current size C (CSA)          | 30 A           | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 30 AWG         |                               |        |

### Clampable wires (additional connection)

|                                                                                             |       |                                                                                             |         |
|---------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------|---------|
| Rated cross-section, further connection                                                     | 4 mm² | Connection direction                                                                        | on side |
| Number of connections, additional connection                                                | 1     | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm² |
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 4 mm² |                                                                                             |         |

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## Technische Daten

### 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                                                                                     | 3                   | Clamping range, rated connection, min.                                                                    | 0.05 mm <sup>2</sup> |
| Clamping range, rated connection, max.                                                                    | 6 mm <sup>2</sup>   | Clamping screw                                                                                            | M 3                  |
| Tightening torque, min.                                                                                   | 0.5 Nm              | Tightening torque, max.                                                                                   | 0.8 Nm               |
| Gauge to IEC 60947-1                                                                                      | A4                  | Wire connection cross section, solid core, max. rated connection                                          | 0.5 mm <sup>2</sup>  |
| Wire connection cross section, solid core max. rated connection                                           | 6 mm <sup>2</sup>   | Wire connection cross section, stranded, rated connection, min.                                           | 0.5 mm <sup>2</sup>  |
| Wire connection cross section, stranded, rated connection, max.                                           | 6 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. | 4 mm <sup>2</sup>   | Wire connection cross section AWG, min.                                                                   | AWG 26               |
| Wire connection cross section AWG, max.                                                                   | AWG 10              |                                                                                                           |                      |

### Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 32 mm |
|--------------|-------|

### Other connections

|                                              |   |
|----------------------------------------------|---|
| Number of connections, additional connection | 1 |
|----------------------------------------------|---|

### Rated data

|                                 |                   |               |               |
|---------------------------------|-------------------|---------------|---------------|
| Rated cross-section             | 4 mm <sup>2</sup> | Rated voltage | 800 V         |
| Rated impulse withstand voltage | 8 kV              | Rated current | 32 A          |
| Current at maximum wires        | 32 A              | Standards     | IEC 60947-7-1 |
| Pollution severity              | 3                 |               |               |

### UL ratings data

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 30 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 30 AWG | Current size B (cURus)                     | 30 A   |
| Current size C (cURus)                     | 30 A   | Voltage size B (cURus)                     | 600 V  |
| Voltage size C (cURus)                     | 600 V  |                                            |        |

### Material data

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

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## Technische Daten

### System specifications

|                       |          |                                   |                  |
|-----------------------|----------|-----------------------------------|------------------|
| Product family        | W-Series | Type of connection                | Screw connection |
| Connection direction  | on side  | Number of levels                  | 2                |
| Number of connections | 3        | Levels cross-connected internally | No               |
| Mounting rail         | TS 35    |                                   |                  |

### 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 |            |             |

### Approvals

Approvals



ROHS

Conform