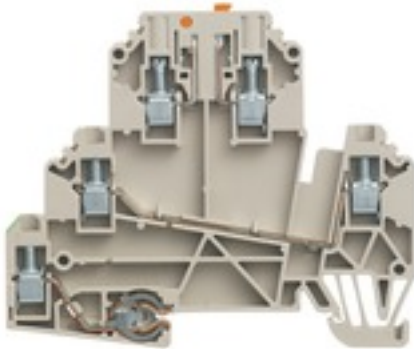


**W-Series**  
**WDK 2.5/TR-DU-PE**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com


**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |   |
|------------|---|
| Type       | WDK 2.5/TR-DU-PE  |
| Order No.  | <a href="#">1247420000</a>  |
| Version    | Test-disconnect terminal, Screw connection, 2.5 mm <sup>2</sup> , 690 V, 24 A, Pivoting, Dark Beige |
| GTIN (EAN) | 4050118038163   |
| Qty.       | 50 pc(s).   |

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**Technical data**
**Dimensions and weights**

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 5.1 mm  | Width (inches)  | 0.201 inch |
| Height                   | 72.5 mm | Height (inches) | 2.854 inch |
| Depth                    | 66 mm   | Depth (inches)  | 2.598 inch |
| Depth including DIN rail | 67 mm   | Net weight      | 17.78 g    |

**Temperatures**

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

**Material data**

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

**System specifications**

|                                   |   |                               |     |
|-----------------------------------|---|-------------------------------|-----|
| Version                           | Screw connection,<br>Disconnection element,<br>With PE connection, One<br>end without connector | End cover plate required      | Yes |
| Number of potentials              | 3   | Number of levels              | 3   |
| No. of clamping points per level  | 2   | Number of potentials per tier | 1   |
| Levels cross-connected internally | No  | PE connection                 | Yes |
| Mounting rail                     | TS 35   | N-function                    | No  |
| PE function                       | Yes   | PEN function                  | No  |

**Additional technical data**

|                          |         |            |       |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No      | Open sides | right |
| Type of mounting         | Snap-on |            |       |

**Conductors for clamping (rated connection)**

|   |                     |  |                     |
|---|---------------------|--|---------------------|
| Blade size  | 0.6 x 3.5 mm        | Clamping range, rated connection, max.   | 4 mm <sup>2</sup>   |
| Clamping range, rated connection, min.  | 0.5 mm <sup>2</sup> | Clamping screw   | M 3                 |
| Connection direction  | on side             | Cross-section for connected conductor,<br>finely stranded with wire-end ferrules<br>and plastic collars DIN 46228/4, rated<br>connection, min. | 0.5 mm <sup>2</sup> |
| Gauge to IEC 60947-1  | A2                  | Number of connections  | 5                   |
| Stripping length  | 8 mm                | Tightening torque, max.  | 0.6 Nm              |
| Tightening torque, min.   | 0.5 Nm              | Type of connection   | Screw connection    |
| Wire connection cross section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, rated connection, max. | 2.5 mm <sup>2</sup> | Wire connection cross section, finely<br>stranded with wire-end ferrules DIN<br>46228/1, rated connection, min.                                | 0.5 mm <sup>2</sup> |
| Wire connection cross section, finely<br>stranded, max.   | 4 mm <sup>2</sup>   | Wire connection cross section, solid<br>core max. rated connection   | 4 mm <sup>2</sup>   |
| Wire connection cross section, solid<br>core, min. rated connection   | 0.5 mm <sup>2</sup> | Wire connection cross section, stranded,<br>rated connection, max.   | 4 mm <sup>2</sup>   |
| Wire connection cross section, stranded,<br>rated connection, min.  | 1.5 mm <sup>2</sup> | Wire connection cross-section, finely<br>stranded with wire-end ferrules and<br>plastic collars DIN 46228/4, rated<br>connection, max.         | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely<br>stranded, min.   | 0.5 mm <sup>2</sup> |  |                     |

**Data sheet**

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**Technical data**

**Disconnect terminals**

|                  |          |                      |    |
|------------------|----------|----------------------|----|
| Cross-disconnect | without  | Integral test socket | No |
| Slitting         | Pivoting |                      |    |

**Rating data**

|                                 |                     |  |         |
|---------------------------------|---------------------|--|---------|
| Rated cross-section             | 2.5 mm <sup>2</sup> | Rated voltage                                | 690 V   |
| Rated current                   | 24 A                | Volume resistance according to IEC 60947-7-x | 2.66 mΩ |
| Rated impulse withstand voltage | 8 kV                | Pollution severity                           | 3       |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC000902    | ETIM 4.0   | EC000902    |
| ETIM 5.0   | EC000902    | ETIM 6.0   | EC000902    |
| eClass 6.2 | 27-14-11-26 | eClass 7.1 | 27-14-11-26 |
| eClass 8.1 | 27-14-11-26 | eClass 9.0 | 27-14-11-26 |
| eClass 9.1 | 27-14-11-26 |            |             |

**Product information**

|                              |  |
|------------------------------|--|
| Descriptive text accessories | Cross-connections, see section "W series accessories". |
|------------------------------|--|

**Approvals**

Approvals



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

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PT1002_20160418_704_ISSUE01.pdf</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>           |

**Safety note**

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|

**Data sheet**

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**Drawings**

