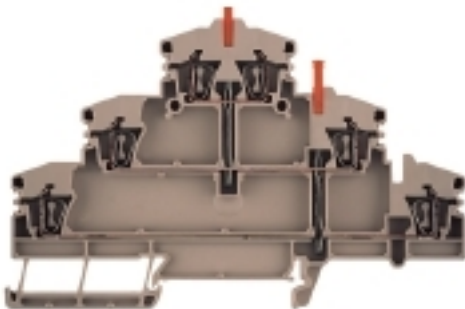


**ZDLD 2.5-2VN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

|            |                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------|
| Version    | Multi-tier modular terminal, Tension-clamp connection, 2.5 mm <sup>2</sup> , 400 V, 20 A, dark beige |
| Order No.  | <a href="#">1782320000</a>                                                                           |
| Type       | ZDLD 2.5-2VN                                                                                         |
| GTIN (EAN) | 4032248176540                                                                                        |
| Qty.       | 25 pc(s).                                                                                            |

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

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 69 mm      | Depth (inches) | 2.717 inch |
| Depth including DIN rail | 70 mm      | Height         | 110.5 mm   |
| Height (inches)          | 4.35 inch  | Width          | 5.1 mm     |
| Width (inches)           | 0.201 inch | Net weight     | 18.91 g    |

**Temperatures**

|                                  |                |                                  |     |
|----------------------------------|----------------|----------------------------------|-----|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 |
| Continuous operating temp., max. | 120            |                                  |     |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                                   |                                                                                                                          |                                     |     |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----|
| Version                           | Tension-clamp connection,<br>Vertically cross-connected,<br>for plug-in cross-connector,<br>One end without<br>connector | End cover plate required            | Yes |
| Number of levels                  | 3                                                                                                                        | Number of clamping points per level | 2   |
| Levels cross-connected internally | Yes                                                                                                                      | PE connection                       | No  |
| Rail                              | TS 35                                                                                                                    |                                     |     |

**Additional technical data**

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | No      | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on |                     |                 |

**CSA rating data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1228250 | Current size B (CSA)          | 15 A   |
| Current size D (CSA)          | 10 A           | Voltage size B (CSA)          | 300 V  |
| Voltage size D (CSA)          | 300 V          | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

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**Technical data****Conductors for clamping (rated connection)**

|                                                                                         |                      |                                                                                         |                          |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|--------------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup>      |
| Clamping range, min.                                                                    | 0.08 mm <sup>2</sup> | Connection direction                                                                    | top                      |
| Gauge to IEC 60947-1                                                                    | A2                   | Number of connections                                                                   | 6                        |
| Stripping length                                                                        | 10 mm                | Type of connection                                                                      | Tension-clamp connection |
| Wire connection cross section AWG, max.                                                 | AWG 12               | Wire connection cross section AWG, min.                                                 | AWG 26                   |
| 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>      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 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 with wire-end ferrules DIN 46228/4, max. | 1.5 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, solid core, max.                                         | 2.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>      |

**General**

|                                         |                 |                                         |        |
|-----------------------------------------|-----------------|-----------------------------------------|--------|
| Installation advice                     | Direct mounting | Rail                                    | TS 35  |
| Standards                               | IEC 60947-7-1   | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 26          |                                         |        |

**Rating data**

|                                 |                     |                                              |         |
|---------------------------------|---------------------|----------------------------------------------|---------|
| Rated cross-section             | 2.5 mm <sup>2</sup> | Rated voltage                                | 400 V   |
| Rated current                   | 20 A                | Current at maximum wires                     | 20 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  |
| Pollution severity              | 3                   |                                              |         |

**UL rating data**

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 12 AWG |
| Conductor size Field wiring min. (UR)   | 26 AWG | Current size B (UR)                     | 15 A   |
| Current size D (UR)                     | 10 A   | Voltage size B (UR)                     | 300 V  |
| Voltage size D (UR)                     | 300 V  |                                         |        |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ECLASS 9.0  | 27-14-11-20 |
| ECLASS 9.1  | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |

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

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E60693

**Downloads**

Approval/Certificate/Document of  
Conformity [EAC certificate](#)  
[CE Declaration of Conformity](#)  
[CE Declaration of Conformity all terminals](#)  
[UKCA Declaration of Conformity](#)

Engineering Data [CAD data – STEP](#)Engineering Data [EPLAN, WSCAD](#)User Documentation [StorageConditionsTerminalBlocks](#)  
[BPZL Z-Series](#)Catalogues [Catalogues in PDF-format](#)

Brochures

### ZDLD 2.5-2VN

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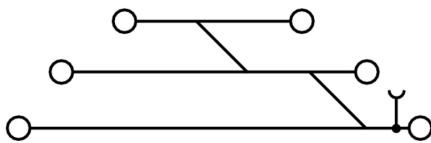
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## Drawings



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