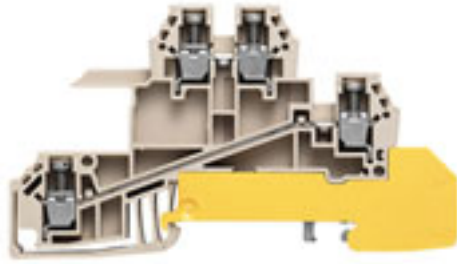


**W-Series
WDL 2.5/S/L/L/PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - 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 | WDL 2.5/S/L/L/PE |
| Order No. | 1031100000 |
| Version | W-Series, Distributor terminal block for N rail, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190042202 |
| Qty. | 50 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|------------|---------|--------------------------|--------|
| Length | 84.5 mm | Width | 6.1 mm |
| Height | 48 mm | Height of lowest version | 49 mm |
| Net weight | 17.21 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 | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | | Version | Screw connection, L, L and PE connection, for screwable cross-connection, One end without connector |
| | Snap-on | | |

CSA ratings data

| | | | |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA) | 12400-296 | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Current size B (CSA) | 10 A |
| Current size D (CSA) | 10 A | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Clampable wires (additional connection)

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

Clampable wires (rated connection)

| | | | |
|---|----------------------|---|----------------------|
| Type of connection | Screw connection | Stripping length | 8 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | on side |
| Number of connections | 3 | Clamping range, rated connection, min. | 0.13 mm ² |
| Clamping range, rated connection, max. | 4 mm ² | 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 ² | Wire connection cross section, solid core max. rated connection | 4 mm ² |
| Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² | Wire connection cross section, stranded, rated connection, max. | 4 mm ² |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.25 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 12 |

Erstellungs-Datum December 13, 2013 11:39:44 AM CET

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Technische Daten

N-conductor disconnect terminal

For N-busbar 10 x 3 mm

Rated data

| | | | |
|---------------------------------|---------------------|---------------|----------------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated impulse withstand voltage | 4 kV | Rated current | 24 A |
| Current at maximum wires | 32 A | Standards | IEC 60947-7-1 (-7-2) |
| Pollution severity | 3 | | |

UL ratings data

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

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Dark 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 | 2 |
| Number of connections | 3 | No. of clamping points per level | 2 |
| Levels cross-connected internally | No | End cover plate required | Yes |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001329 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-25 | eClass 6.2 | 27-14-11-25 |
| eClass 7.1 | 27-14-11-25 | | |

Product information

| | |
|---------------------------------|--------------------------------------|
| Descriptive text ordering data | PE connection is marked green-yellow |
| Descriptive text technical data | L-PE 250 V |

Approvals

Approvals



ROHS Conform

Datenblatt

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Zeichnungen

