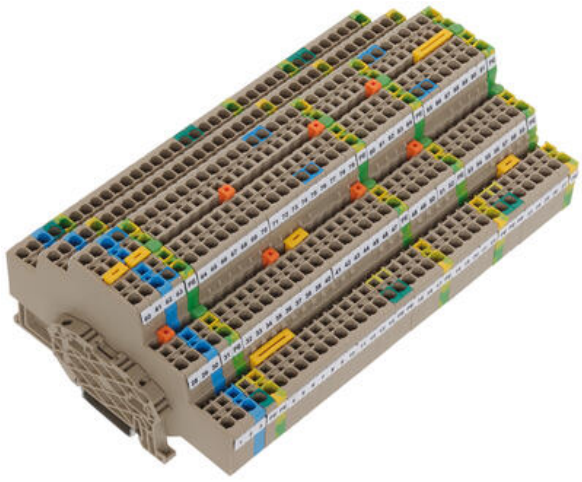
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# TRIPLE DECK TERMINALS - ZIKD 2.5MM²

Triple Deck Tension Spring Terminals - ZIKD

3591.3
ZIKD 2,5/SV OG



- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- Color Coded Options
- Linked variants

### PRODUCT DESCRIPTION

These ZIKD triple-deck terminals are DIN-rail modular blocks for efficient three-level wiring in a compact width of just 5.1 mm. Featuring a robust tension-spring connection system, each level supports flexible or rigid copper conductors up to 2.5 mm² and carries a rated current of up to 24 A, ideal for control, signal, or power distribution. Constructed from flame-retardant PA66 (polyamide 6.6), they are rated for –40 °C to +120 °C and comply with UL94 V-0, IEC pollution degree 3 and over-voltage category III. The triple-deck design features six terminal points and includes a dedicated level for protective conductor connections, with all three circuits cross-connectable vertically via integrated links or busbars.
ZIKD terminals are invaluable in compact control panels, machinery interfaces, and safety systems where multiple potentials, such as line, neutral, and ground, or multiple signal bands, must be managed within minimal real estate. The spring-clamp mechanism ensures fast, tool-free, and vibration-resistant terminations, improving reliability and reducing installation time compared to screw-based systems. Cross-connection options support flexible bus distribution or isolation between levels, making these blocks ideal for three-phase, sensor, or grounding circuits within automation, process-control, or power-distribution applications. With their slim footprint and modular flexibility, ZIKD terminals streamline complex wiring while preserving DIN-rail panel space.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 2.5 mm² |
| **Colour** | Orange |
| **Rated voltage IEC** | 500 V |
| **Rated current IEC** | 24 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 6 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, GL, CSA US, cUL, KEMA KUR, EAC |
| **Additional information** | connected vertically |

## DIMENSIONS

| | |
|---|---|
| **Length** | 116.2 mm |

| | |
|---|---|
| **Width** | 5.1 mm |
| **Height TS 35/7.5** | 68 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 6 |
| **Number of levels** | 3 |
| **Plug gauge acc. EN 60 947-1** | A3 |
| **Cross connect channels** | 1 |
| **Number of test pick off options** | 6 |
| **Cross section single wire from** | 0.5 mm² |
| **Cross section single wire to** | 4 mm² |
| **Cross section stranded wire from** | 0.5 mm² |
| **Cross section stranded wire to** | 4 mm² |
| **Cross section stranded with ferrule from** | 0.5 mm² |
| **Cross section stranded with ferrule to** | 2.5 mm² |
| **Rated wire cross section from (AWG)** | 20 |
| **Rated wire cross section to (AWG)** | 12 |
| **Stripping length** | 10 mm |

## MATERIALS

| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V0 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 120 °C |

## APPROVALS

| | |
|---|---|
| **Rated voltage UL** | 300 V |
| **Rated current UL** | 15 A |
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 300 V |
| **Rated current CSA** | 15 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 300 V |
| **Rated current CSAus** | 15 A |
| **CSAus test standard** | UL 1059 |
| **Rated voltage cUL** | 300 V |

| | |
|---|---|
| **Rated current cUL** | 15 A |
| **cUL test standard** | C22.2 No 158 |
| **GL test standard** | IEC 60947-7-1:2009 |
| **EAC test standard** | TR ZU 004/2011 |
| **KEMA KEUR test standard** | EN 60947-7-1:2009 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | CZ |
| **Weight** | 25.4 g |
| **Pack size** | 50 |

