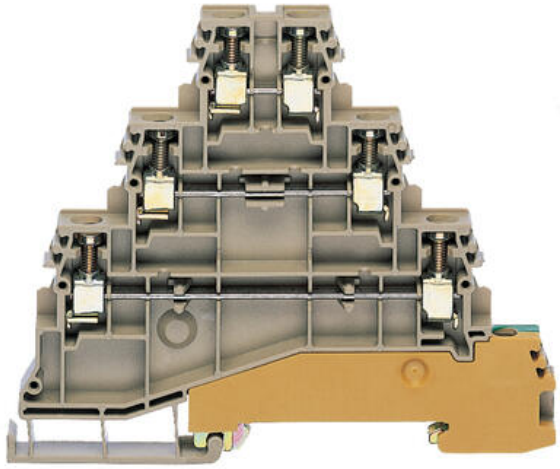
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# TRIPLE DECK TERMINALS - IKD 2.5MM²/VMAK

Triple Deck Screw Terminals - IKD, VMAK

1261.5
IKD 2,5 BU



- For connecting encoders or motor outputs
- Material polyamide 6.6
- Colour marked versions available
- Temperature resistance -40 ºC...+150 ºC
- Flammability class V2

### PRODUCT DESCRIPTION

The IKD 2.5/Q triple-deck DIN-rail terminal block from CONTA-CLIP (also known as VMAK 2.5) is a compact, space-saving module optimised for high-density wiring schemes. With a 5 mm width and 84.8 mm length (for 3-pole), it provides three stacked screw-connection layers, each accommodating a 2.5 mm² conductor (22–14 AWG). The block taps M2.5 slotted screws (torque 0.4–0.8 Nm) and requires a 7 mm stripping length, ensuring secure connections under up to 250 V (IEC) and 24 A (CSA), at operating temperatures from –40 °C to +105 °C. The polyamide 6.6 housing meets UL94-V2 flame resistance, while snap-on feet fit both TS35/7.5 and TS32 rails. Options include variants for feed-through, protective earth (PE), and plug-in connectors, along with accessories like end plates, cross-connectors, test sockets, and jumper rails to streamline installation.
In practical applications, IKD 2.5/Q triple-deck terminals are ideal for control cabinets, automation systems, and signal distribution panels where conductor layering, circuit segmentation, and test access are crucial—but panel real estate is limited. Their stacked design handles multiple circuits (e.g., supply, signal, and return) in just one block, reducing wiring clutter and simplifying maintenance. The blocks' compatibility with jumpers and test plugs makes them well-suited for modular test setups and diagnostic paths, while the UL/CSA/IEC approvals ensure compliance in industrial and commercial environments. Overall, the IKD series offers a robust, flexible solution for high-density, multi-level wiring needs.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 2.5 mm² |
| **Colour** | Blue |
| **Rated voltage IEC** | 250 V |
| **Rated current IEC** | 24 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 4 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, CSA US, cUL, KEMA KUR, EAC |

## DIMENSIONS

| | |
|---|---|
| **Length** | 84.8 mm |

| | |
|---|---|
| **Width** | 5 mm |
| **Height TS 35/7.5** | 58.3 mm |
| **Height TS 32** | 62.8 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 3 x 2 |
| **Number of levels** | 3 |
| **Plug gauge acc. EN 60 947-1** | A3 |
| **Cross connect channels** | 3 |
| **Cross section single wire from** | 0.2 mm² |
| **Cross section single wire to** | 4 mm² |
| **Cross section stranded wire from** | 0.2 mm² |
| **Cross section stranded wire to** | 4 mm² |
| **Cross section stranded with ferrule from** | 0.2 mm² |
| **Cross section stranded with ferrule to** | 2.5 mm² |
| **Rated wire cross section from (AWG)** | 22 |
| **Rated wire cross section to (AWG)** | 14 |
| **Stripping length** | 7 mm |
| **Screw size** | M 2,4 |
| **Screw type** | Slotted |
| **Torque min** | 0.4 |
| **Torque max** | 0.8 |

## MATERIALS

| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V2 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 105 °C |

## APPROVALS

| | |
|---|---|
| **Rated voltage UL** | 300 V |
| **Rated current UL** | 20 A |
| **UL test standard** | UL 1059 |
| **CSA test standard** | C22.2 No 158 |
| **CSAus test standard** | UL 1059 |
| **Rated voltage cUL** | 300 V |

| | |
|---|---|
| **Rated current cUL** | 20 A |
| **cUL test standard** | C22.2 No 158 |
| **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** | 17.22 g |
| **Pack size** | 50 |
| **Type of terminal** | Screw Terminals, DIN Rail terminals |

