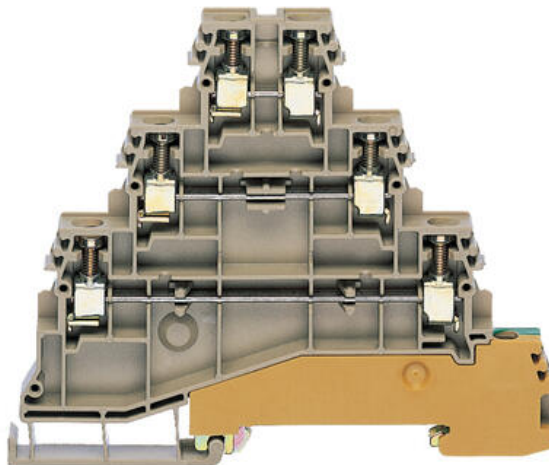


TRIPLE DECK TERMINALS - IKD 2.5MM²/VMAK

Triple Deck Screw Terminals - IKD, VMAK

1425.2
VMAK 2,5 BG

- For connecting encoders or motor outputs
- Material polyamide 6.6
- Colour marked versions available
- Temperature resistance -40 °C...+150 °C
- 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 mm ²
Colour	Beige
Rated voltage IEC	400 V
Rated current IEC	24 A
Mounting	TS 35
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Approvals	CSA, CSA US, KEMA KUR, EAC

DIMENSIONS

Length	93.3 mm
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Width	6 mm
Height TS 35/7.5	77 mm

CONNECTION DATA

Connections	3 x 2 + 1
Number of levels	3
Plug gauge acc. EN 60 947-1	A4
Cross section single wire from	0.2 mm ²
Cross section single wire to	4 mm ²
Cross section stranded wire from	0.2 mm ²
Cross section stranded wire to	4 mm ²
Cross section stranded with ferrule from	0.2 mm ²
Cross section stranded with ferrule to	2.5 mm ²
Rated wire cross section from (AWG)	22
Rated wire cross section to (AWG)	14
Stripping length	9 mm
Screw size	M 2,5
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 CSA	300 V
Rated current CSA	10 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	300 V
Rated current CSAus	10 A
CSAus test standard	UL 1059
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	33.05 g
Pack size	40
Type of terminal	Screw Terminals, DIN Rail terminals

