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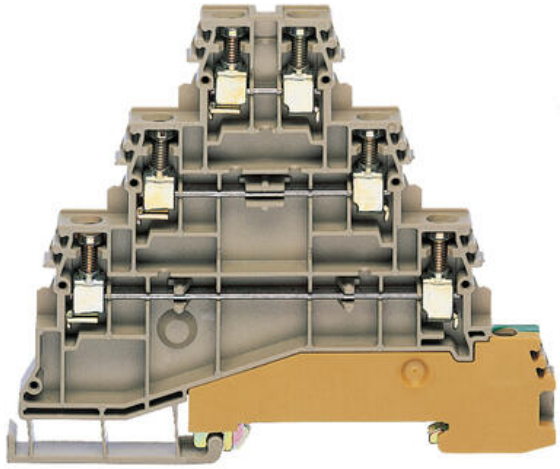
TRIPLE DECK TERMINALS - IKD 2.5MM²/VMAK

Triple Deck Screw Terminals - IKD, VMAK

1288.2
IKD 2,5 PNP/DC/LED(GN)/60V BG



- 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	Beige
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
Additional information	with LED status display

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	6
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

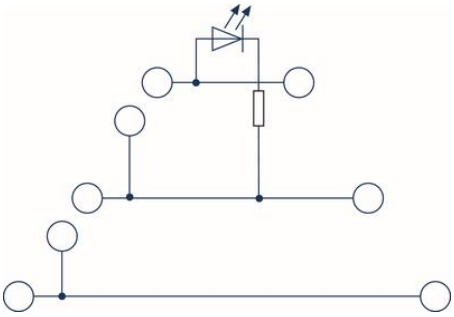
MATERIALS

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	BG
Weight	17.54 g
Pack size	50
Type of terminal	Screw Terminals, DIN Rail terminals