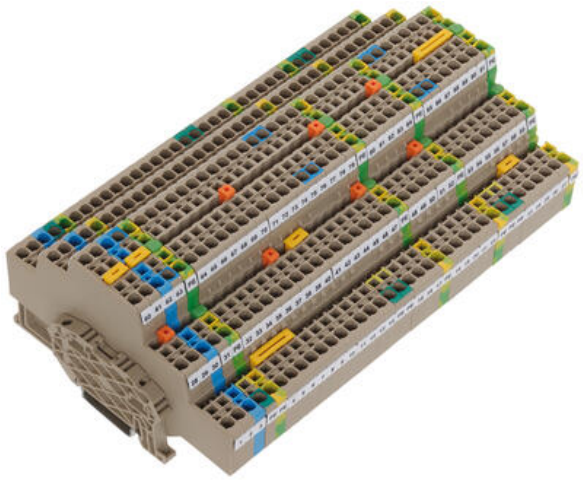
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TRIPLE DECK TERMINALS - ZIKD 2.5MM²

Triple Deck Tension Spring Terminals - ZIKD

3590.1
ZIKD 2,5 GN



- 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	Green
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

DIMENSIONS

Length	116.2 mm
Width	5.1 mm

Height TS 35/7.5	68 mm

CONNECTION DATA

Connections	3 x 2
Number of levels	3
Plug gauge acc. EN 60 947-1	A3
Cross connect channels	3
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	17.37 g
Pack size	50

