Z-series
ZDK 2.5/3AN BZT

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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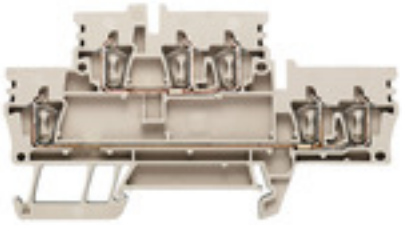
Product image



Similar to illustration

Spring connection with tension clamp Technology
Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZDK 2.5/3AN BZT
Order No.	1216470000
Version	Double-tier terminal, Tension-clamp connection, 2.5 mm², 800 V, 24 A, dark beige
GTIN (EAN)	4050118000436
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	111 mm	Height (inches)	4.37 inch
Depth	50.5 mm	Depth (inches)	1.988 inch
Depth including DIN rail	51.5 mm	Net weight	14.159 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	2	No. of clamping points per level	3
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0.05 mm²	Connection cross-section, stranded, max.	2.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Gauge to IEC 60947-1	A2
Number of connections	6	Stripping length	10 mm
Type of connection	Tension-clamp connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

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Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	2.66 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

Classifications

ETIM 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1101_20160415_121_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Safety note

Safety notice	Safety Information

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Drawings

