

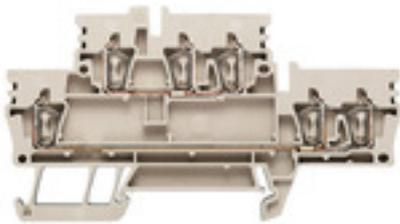
ZDK 2.5/3AN BZT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Version	Double-tier terminal, Tension-clamp connection, 2.5 mm ² , 800 V, 24 A, dark beige
Order No.	1216470000
Type	ZDK 2.5/3AN BZT
GTIN (EAN)	4050118000436
Qty.	50 pc(s).

Creation date March 23, 2021 9:08:11 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

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

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

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	Number 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
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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.05 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30

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Technical data**Rating data**

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm ²
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	1.33 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

Data sheet

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Drawings

