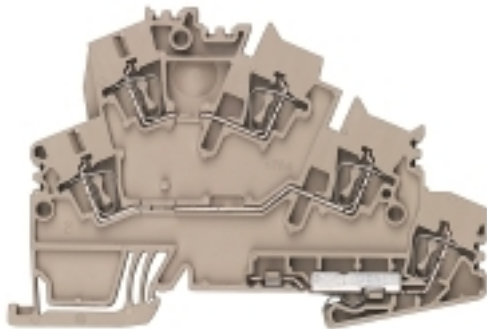


**Z terminal with tension spring connection
ZDKPE 2.5-2**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Terminal blocks in tension clamp system and the Z Series are specially customised to the customers' requirements. Less space, spacious labelling area, integrated test point, cross-connection functionality within the Z Series and other Weidmüller terminal lines.

Z-Series terminals have a large clamping range and one or two cross-connection slots.

General ordering data

Type	ZDKPE 2.5-2
Order No.	1805940000
Version	Z terminal with tension spring connection, Feed-through terminal, Double-tier terminal, Rated cross-section: Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4032248280193
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	89.5 mm	Width	5.1 mm
Height	59.5 mm	Height of lowest version	60.5 mm
Net weight	14.32 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, With PE connection, for plug-in cross-connector, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1236167	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Current size B (CSA)	25 A
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	Inclined / angled
Number of connections	4	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 30		

Rated data

Rated voltage	800 V	Rated impulse withstand voltage	8 kV
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1 (-7-2)	Pollution severity	3

Creation date February 12, 2014 10:43:32 AM CET

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Technical data**UL ratings data**

Certificate No. (cURus)	E60693VOL1SEC52	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	20 A
Voltage size C (cURus)	600 V		

Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

System specifications

Product family	Z terminal with tension spring connection	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	Number of levels	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-18	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text ordering data	Rated voltage is reduced to 400 V when using the cross-connector.
Descriptive text technical data	2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Approvals

Approvals



ROHS	Conform
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