

**Z-series
ZSI 2X6/4X2.5**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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**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	ZSI 2X6/4X2.5
Order No.	1265990000
Version	Z-series, Fuse terminal, Rated cross-section: 6 mm ² , Tension clamp connection
GTIN (EAN)	4050118127874
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	16 mm	Width (inches)	0.63 inch
Height	93 mm	Height (inches)	3.661 inch
Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	47.5 mm	Net weight	35.1 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Black
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Without LED, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	3	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-1152829	Current size B (CSA)	23 A
Current size C (CSA)	23 A	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (additional connection)

Blade size, additional connection	0.6 x 3.5 mm	Clamping range, further connection, max.	4 mm ²
Clamping range, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible, further connection, min.	0.5 mm ²
Connection direction	top	Connection type, additional connection	Tension clamp connection
Cross-section for connected wire, AWG, additional connection, max.	AWG 12	Cross-section for connected wire, AWG, additional connection, min.	AWG 26
Cross-section for connected wire, flexible, further connection, max.	4 mm ²	Cross-section for connected wire, solid-core, further connection, max.	4 mm ²
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm ²	Number of connections, additional connection	4
Rated cross-section, further connection	2.5 mm ²	Stripping length, additional connection	10 mm

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Technical data
Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	10 mm	Type of connection	Tension clamp connection
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Fuse terminals

Operating voltage, max.	250 V
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Rating data

Rated cross-section	6 mm ²	Rated voltage	250 V
Rated voltage to adjoining terminal	500 V	Rated current	57 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	8 AWG
Wire cross section min. (cURus)	20 AWG		

Classifications

ETIM 4.0	EC000899	ETIM 5.0	EC000899
ETIM 6.0	EC000899	eClass 6.2	27-14-11-16
eClass 7.1	27-14-11-16	eClass 8.1	27-14-11-16
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16

Approvals

Approvals



ROHS Conform

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Approval/Certificate/Document of Conformity	DE_PT1103_20160418_1454_ISSUE01.pdf
Engineering Data	EPLAN.WSCAD

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Data sheet

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Safety note

Safety notice

[Safety Information](#)