

**Z-series
ZP 4/1AN/3****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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www.weidmueller.com

**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	ZP 4/1AN/3
Order No.	1855000000
Version	Z-series, Plug-in connector, Beige, Direct mounting
GTIN (EAN)	4032248396078
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	19.5 mm	Width (inches)	0.768 inch
Height	22.5 mm	Height (inches)	0.886 inch
Depth	47.5 mm	Depth (inches)	1.87 inch
Net weight	18.56 g		

Temperatures

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

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

System specifications

Version	Set of connectors, pluggable, Tension-clamp connection	Number of levels	1
No. of clamping points per level	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	none

Additional technical data

Installation advice	Direct mounting	Type of mounting	Plugged
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CSA rating data

Certificate No. (CSA)	200039-1720292	Current size C (CSA)	28 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	3
Stripping length	12 mm	Type of connection	Tension clamp connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 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, max.	6 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1, IEC 61984	Volume resistance according to IEC 60947-7-x	3 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

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Technical data
UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	28 A
Voltage size C (cURus)	600 V		

Classifications

ETIM 3.0	EC000886	ETIM 4.0	EC000886
ETIM 5.0	EC000886	ETIM 6.0	EC002848
UNSPSC	30-21-18-01	eClass 6.2	27-14-92-14
eClass 7.1	27-14-03-05	eClass 8.1	27-14-11-51
eClass 9.0	27-14-11-51	eClass 9.1	27-14-11-92

Product information

Descriptive text technical data	CSA current and voltage, acc. to Gr. C
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Approvals

Approvals



ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN.WSCAD

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Accessories

Coding pin



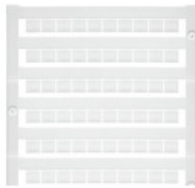
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
KOSF ZT4	1856860000	Z-series, Coding element, Direct mounting	4032248400744	50 pc(s).

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4008190203436	1,000 pc(s).

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Accessories**Locking element****Spring connection with tension clamp Technology**

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZVR ZP4	1855250000	Z-series, Locking clips, Direct mounting	4032248396481	25 pc(s).

Tools

Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 0.6X3.5X100	9008330000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	4032248056286	1 pc(s).

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Accessories

Strain relief



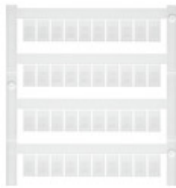
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Type	Order No.	Version	GTIN (EAN)	Qty.
ZZE ZP4	1855260000	Z-series, Strain relief, Direct mounting	4032248396498	25 pc(s).

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/6 M MC NE WS	1818400000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White	4032248310876	600 pc(s).
WS 10/6 MC NE WS	1828450000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White	4032248350513	600 pc(s).