Earth terminal
ZPE 4-2/3AN

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	ZPE 4-2/3AN
Order No.	1770390000
Version	Earth terminal, PE terminal, Rated cross-section: Tension clamp connection, Wemid, Green
GTIN (EAN)	4032248142989
Qty.	100 pc(s).

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ZPE 4-2/3AN**

Technical data

Dimensions and weights

Length	61.5 mm	Width	6.1 mm
Height	45.5 mm	Height of lowest version	46 mm
Net weight	15.85 g		

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA97ATEX4677U	ATEX certificate	KEMA97ATEX4677U_d.pdf
ATEX certificate	KEMA97ATEX4677U_e.pdf	Wire cross section max. (ATEX)	4 mm²
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking EN 60079-7	Ex e II	Marking ATEX Directive 94/9/EC	II 2 G D

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, With PE connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm²

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	3	Clamping range, rated connection, min.	0.13 mm²
Clamping range, rated connection, max.	6 mm²	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	6 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

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Earth terminal
ZPE 4-2/3AN

Technical data

Rated data

Rated voltage to adjoining terminal	800 V	Rated impulse withstand voltage to adjacent terminal	8 kV
Standards	IEC 60947-7-2	Pollution severity	3

UL ratings data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

Insulating material	Wemid	Material	Wemid
Colour	Yellow, Green	UL 94 flammability rating	V-0

System specifications

Product family	Earth terminal	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	Number of levels	1
Number of connections	3	No. of clamping points per level	3
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000901	UNSPSC	30-21-18-11
eClass 5.1	27-14-03-05	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Approvals

Approvals

ROHS   Conform

Weidmüller ⧓

**Earth terminal
ZPE 4-2/3AN**

Accessories

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 12/6 MC NE WS	1609900000	Terminal markers, MultiCard, 12 x 6 mm, Polyamide 66, Colour: White	4008190203467	600 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 large range of ready-printed markers.
Strips for fast installation in one work step. The printing is easy to read, rich in contrast, and is available in five widths.
• Large range of ready-to-use markers
• Strips for fast installation
• Connector markers, suitable for all Weidmüller cable connectors
• Available as blank cards, MultiCard or as cards with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE WS	1609820000	Terminal markers, MultiCard, 5 x 6 mm, Polyamide 66, Colour: White	4008190203436	1,000 pc(s).

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**Earth terminal
ZPE 4-2/3AN**

Accessories

ZTA 6

Weidmüller offers users of modular terminals of the Z-Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.
The accessories must comply with the same quality standards as the modular terminals themselves.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZTA 6/ZA	1780660000	Test adapter, Rated control voltage:	4032248180189	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 12/6.5 MC NE WS	1609920000	Terminal markers, MultiCard, 12 x 6.5 mm, Polyamide 66, Colour: White	4008190203511	540 pc(s).

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Earth terminal
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Accessories

ZAP ZDU 4-2

Weidmüller offers users of modular terminals of the Z-Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.
The accessories must comply with the same quality standards as the modular terminals themselves.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZAP ZDU4-2 BL	1770880000	Z-series, End plate	4032248121328	50 pc(s).
ZAP ZDU4-2 OR	1770890000	Z-series, End plate	4032248135226	50 pc(s).
ZAP ZDU4-2	1770400000	Z-series, End plate	4032248135233	50 pc(s).

STR transparent strips

The various connector markers from Weidmüller enable users to solve virtually every labelling task on all types of lines. Whether several lines of labelling, ready-to-use markers with standard printing, or individual labelling, whether white or coloured markers or common designations at the clamping points, the comprehensive range of products represent the easy, quick and clear answer to every marking task.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
STR 7 F.SCHT 7	0515300000	Terminal markers, 27 x 6.3 mm, Polyester, PVC-free, Colour: Transparent	4008190182175	20 pc(s).

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Accessories

ZGB pivotable group tag holder

The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 connector markers or the inlay tag ESO 15.
The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 connector markers or the inlay tag ESO 7.
Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZGB 30	1611930000	Group marker, Terminal markers, 32 x 7 mm, Polyamide 66, Colour: White	4008190002251	20 pc(s).

Blank

ZS markers - in proven MultiCard-format - have been developed specifically for the Z-series. They have a large printing area. The hinged mechanism even allows access to cross-connectors without dismantling. Quick installation is guaranteed by the fact that the single tags are clipped on in strips. The single tags are easy to separate.
• Hinged marker area
• Can be fitted in strips or individually
• Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZS 12/6 MC NE WS	1610020000	Terminal markers, MultiCard, 12 x 6 mm, Polyamide 66, Colour: White	4008190444600	400 pc(s).

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Accessories

ZQV 4

Weidmüller offers users of modular terminals of the Z-Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.
The accessories must comply with the same quality standards as the modular terminals themselves.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 4/10 GE	1609030000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4008190263300	20 pc(s).
ZQV 4/6 GE	1608990000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 6	4008190263263	20 pc(s).
ZQV 4/7 GE	1609000000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 7	4008190263270	20 pc(s).
ZQV 4/4 GE	1608970000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4008190263249	60 pc(s).
ZQV 4/9 GE	1609020000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 9	4008190263294	20 pc(s).
ZQV 4/5 GE	1608980000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 5	4008190263256	20 pc(s).
ZQV 4/8 GE	1609010000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 8	4008190263287	20 pc(s).
ZQV 4/2 GE	1608950000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4008190263225	60 pc(s).
ZQV 4/3 GE	1608960000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4008190263232	60 pc(s).

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Accessories

Screwdrivers

Always the right tools:
Weidmüller screwdrivers are the result of a consistent grip concept which takes into account both the human hand and the different requirements when working.
The right blade for every screw - with four different handle sizes
The advantages are obvious:
- User-friendly: ergonomic handle arrangement for effortless working progress
- Optimised connections: compatible blade and perfect handle size for maximum torque
- Reliable: even easier operation for even quicker wiring

The result: efficient, professional working progress.

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).

ZAD

Weidmüller offers users of modular terminals of the Z-Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.
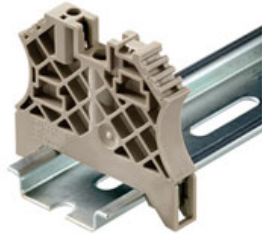The accessories must comply with the same quality standards as the modular terminals themselves.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZAD 1/4	1609110000	Z-series, Cover	4008190190910	20 pc(s).

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Accessories

for TS 35 terminal rail

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZEW 35	9540000000	Accessories, End bracket	4008190956264	20 pc(s).

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