

Z terminal with tension spring connection ZDUA 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



This range of small terminals with tension clamp connections enables the building of individual blocks with 2- and 4-pole terminals.

Individual blocks are made up from the middle terminals plus end plates on the open sides.

For a screw fixing, the first middle terminal plus the end plate are replaced by end terminals for the fixing. For the other types of fixing, middle terminals with a fixing option are included in the block or a mounting foot (MOFU) is fitted for attaching to the terminal rail.

General ordering data

Type	ZDUA 2.5-2
Order No.	1720920000
Version	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4008190376789
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Length	35 mm	Width	5.1 mm
Height	30 mm	Height of lowest version	30.5 mm
Net weight	3.56 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)	KEMA97ATEX4678U	ATEX certificate	KEMA97ATEX4678U_d.pdf
ATEX certificate	KEMA97ATEX4678U_e.pdf	Max. voltage (ATEX)	275 V
Current (ATEX)	20 A	Wire cross section max. (ATEX)	2.5 mm ²
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	Open sides	right
Type of mounting		Version	Tension-clamp connection, for plug-in cross-connector, One end without connector
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1 152892	Voltage size B (CSA)	600 V
Current size B (CSA)	20 A	Wire cross section max. (CSA)	12 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 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	top
Number of connections	2	Clamping range, rated connection, min.	0.13 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.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

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Technical data
Dimensions

TS 15 offset	17.5 mm
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Rated data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	24 A
Current at maximum wires	30 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

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	top	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 15
End cover plate required	Yes		

Classifications

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

Product information

Descriptive text technical data	TS 15 - sliced construction
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Approvals

Approvals



ROHS	Conform
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Accessories
Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip


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).

ZAP/TW ZDUA


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/TW ZDUA	1720960000	Z-series, End plate, Partition plate	4008190376550	50 pc(s).
ZAP/TW ZDUA BL	1720970000	Z-series, End plate, Partition plate	4008190376567	50 pc(s).
ZAP/TW ZDUA OR	1720980000	Z-series, End plate, Partition plate	4008190376574	50 pc(s).

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Accessories**ZQV 2.5N**

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 2.5N/6 GE	1693840000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 6	4008190883676	20 pc(s).
ZQV 2.5N/2 GE	1693800000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4008190883621	60 pc(s).
ZQV 2.5N/3 GE	1693810000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4008190883645	60 pc(s).
ZQV 2.5N/4 GE	1693820000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4008190883652	60 pc(s).
ZQV 2.5N/9 GE	1693870000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 9	4008190883706	20 pc(s).
ZQV 2.5N/50 GE	1693890000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 50	4008190883737	5 pc(s).
ZQV 2.5N/20 GE	1909000000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 20	4032248535613	20 pc(s).
ZQV 2.5N/10 GE	1693880000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4008190883720	20 pc(s).
ZQV 2.5N/8 GE	1693860000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 8	4008190883690	20 pc(s).
ZQV 2.5N/7 GE	1693850000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 7	4008190883683	20 pc(s).
ZQV 2.5N/5 GE	1693830000	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 5	4008190883669	20 pc(s).

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Accessories
Custom printing


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 5/5 MC SDR	1609810000	Terminal markers, MultiCard, 5 x 5 mm, Polyamide 66, Colour: To customer specification	4008190456597	200 pc(s).

for TS 15 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 15	7920340000	Accessories, End bracket	4032248238910	20 pc(s).
EW 15	0382860000	Accessories, End bracket	4008190187804	50 pc(s).
EW 15/2	1071900000	Accessories, End bracket	4008190462949	50 pc(s).
EWK AKA 2.5	0348660000	Accessories, End bracket	4008190134419	50 pc(s).