Weidmüller ⧓

Z terminal with tension spring connection
ZDU 10

RoHS COMPLIANT

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 another family of terminals by Weidmüller.
Z-Series terminals have a large clamping range and one or two cross-connection slots.
Plug-in standard cross-connections enable potentials to be distributed over any number of terminals.

General ordering data

Order No.	1746750000
Type	ZDU 10
Version	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 10 mm², Tension clamp connection, Wemid, dark beige, Direct mounting
GTIN (EAN)	4008190996710
Qty.	25 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

Weidmüller ⊒Ξ

Z terminal with tension spring connection
ZDU 10

Technical data

Dimensions

Length	73.5 mm	Width	10.1 mm
Height	49.5 mm	Height of lowest version	50.5 mm
Net weight	25.34 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)	KEMA99ATEX5514U	ATEX certificate	KEMA99ATEX5514U_d.pdf
ATEX certificate	KEMA99ATEX5514U_e.pdf	IEC Ex certificate	IECEXULD05.0009U_e.pdf
max. voltage	550 V	Current (ATEX)	50 A
Wire cross section max. (ATEX)	10 mm²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
			Ex e II
Marking ATEX Directive 94/9/EC	II 2 G D		

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1152892	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	55 A	Current size C (CSA)	55 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	16 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	1.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	10 mm²

Creation date May 30, 2012 9:40:12 AM CEST

Z terminal with tension spring connection
ZDU 10

Technical data

Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	18 mm
Blade size	1.0 x 5.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	1.31 mm²
Clamping range, rated connection, max.	16 mm²	Gauge to IEC 60947-1	A6
Wire connection cross section, solid core, max. rated connection	1.5 mm²	Wire connection cross section, solid core max. rated connection	1.5 mm²
Wire connection cross section, stranded, rated connection, min.	1.5 mm²	Wire connection cross section, stranded, rated connection, max.	16 mm²
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross-section, finely stranded, min.	1.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	10 mm²
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section AWG, max.	AWG 6

Dimensions

TS 35 offset	39 mm

Rated data

Rated cross-section	10 mm²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	57 A
Current at maximum wires	72 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC52	Voltage size C (UR)	600 V
Current size C (UR)	60 A	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	16 AWG	Conductor size Field wiring max. (UR)	6 AWG

Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark beige	Flammability class UL 94	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 35
End cover plate required	Yes		

Creation date May 30, 2012 9:40:12 AM CEST

Weidmüller ЭE

Z terminal with tension spring connection
ZDU 10

Technical data

Classifications

ETIM 2.0	EC000897	ETIM 3.0	EC000897
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-20
eClass 5.1	27-14-11-20	eClass 6.0	27-14-11-20
eClass 7.0	27-14-11-20		

Product information

Descriptive text technical data	Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Creation date May 30, 2012 9:40:12 AM CEST

Data sheet...

Z terminal with tension spring connection ZDU 10

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Accessories

Blank

The **dekafix (DEK)** marker is the universal marker for all conductor and plug-in connectors as well as for electronics mdoules. The system is ideal for small groups of consecutive numbers and covers a large range of ready-printed markers.

Being mounted as strips means that they are quickly clipped on in one operation. The printing is legible with good contrast, and is available in five widths.

- Large selection of ready-to-use markers
- In strips for fast installation
- Connector markers are suitable for all Weidmüller conductor connectors
- Available as blank cards, MultiCard or as cards with standard printing

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1609801044	DEK 5/5 MC-10 NEUT. WS	Terminal markers, MultiCard, 5 x 5 mm, Polyamide, Colour: White	4008190397111	1,000 pc(s).

Test plugs

The solution with Weidmüller test plugs and sockets guarantees a proper test of the installation.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
0180400000	PS 2.3 RT	General accessories, Test plug	4008190060121	20 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

Z terminal with tension spring connection ZDU 10

Accessories

Blank

WS markers are the perfect match for the connectors of the W series. But thanks to their system compatibility the WS tags can also be used with the I series and the Z series. The large areas for printing permit not only long character strings but also multiple lines.
WS markers are ideal for labels with long, bespoke character strings. The tried-and-tested MultiCard format means that printing can be carried out with **laser** printers, **PrintJet**, **plotters** or the **MC-Mobilo.**

- Can be fitted in strips or singly
- Markers in proven multicard format

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1778270000	WS 12/3,5 MC neutral	Terminal markers, MultiCard, 12 x 3.5 mm, Polyamide, Colour: White	4032248161041	600 pc(s).

ZAP/TW 10

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

Order No.	Type	Version	GTIN (EAN)	Qty.
1748660000	ZAP/TW ZDU10	Z-series, End plate, Partition plate, Dark beige, 2.7 mm	4008190996741	20 pc(s).
1764110000	ZAP/TW ZDU10 BL	Z-series, End plate, Partition plate, Blue, Light blue, 2.7 mm	4008190292867	20 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

Weidmüller ⅀Ξ

Z terminal with tension spring connection
ZDU 10

Accessories

Blank

WS markers are the perfect match for the connectors of the W series. But thanks to their system compatibility the WS tags can also be used with the I series and the Z series. The large areas for printing permit not only long character strings but also multiple lines.

WS markers are ideal for labels with long, bespoke character strings. The tried-and-tested MultiCard format means that printing can be carried out with **laser** printers, **PrintJet**, **plotters** or the **MC-Mobilo.**

• Can be fitted in strips or singly
• Markers in proven multicard format

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1609860000	WS 12/5 MC NEUTRAL	Terminal markers, MultiCard, 12 x 5 mm, Polyamide, Colour: White	4008190203481	720 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

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

Creation date May 30, 2012 9:40:12 AM CEST

Weidmüller ⧢

Z terminal with tension spring connection
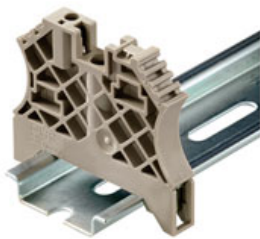## ZDU 10

Accessories

ZQV 10

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

Order No.	Type	Version	GTIN (EAN)	Qty.
1739680000	ZQV 10/2	General accessories, Cross-connector, For the terminals, No. of poles: 2	4008190957131	25 pc(s).

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

Order No.	Type	Version	GTIN (EAN)	Qty.
0383530000	EW 35 GR 7032	End bracket, End bracket	4008190027322	50 pc(s).
9540000000	ZEW 35	Z-series, End bracket	4008190956264	20 pc(s).
0383560000	EW 35	End bracket, End bracket	4008190181314	50 pc(s).
1061200000	WEW 35/2	W-Series, End bracket	4008190030230	100 pc(s).
8630740000	ZEW 35/2	Z-series, End bracket	4032248348916	20 pc(s).
0258660000	EW 35/SCHA/M3	End bracket, End bracket	4008190033477	20 pc(s).
1059000000	WEW 35/1	W-Series, End bracket	4008190172282	50 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

Catalogue status 14.04.2012 / We reserve the right to make technical changes.

8

Weidmüller ∋Ξ

Z terminal with tension spring connection ZDU 10

Accessories

Blank

ZS markers - in the established **MultiCard-**format - were specially developed for the Z series. The have a large printing area. The hinged mechanism even allows access to cross-connectors without having to dismount the markers. Fast fitting is guaranteed by the fact that the single tags are clipped on in strips. The single tags are also easy to separate.
• Hinged marker area
• Can be fitted in strips or singly
• Markers in proven multicard format

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1646630000	ZS 15/5 MC NEUTRAL	Terminal markers, MultiCard, 15 x 5 mm, Polyamide + POM, Colour: White	4008190401214	480 pc(s).

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

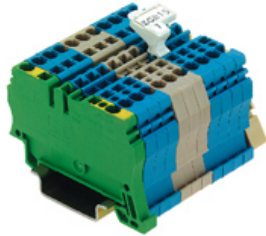The result: efficient, professional working progress.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
9008350000	SDS 1.0X5.5X150	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm	4032248056316	1 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

Z terminal with tension spring connection
ZDU 10

Accessories

ZGB pivotable group tag holder

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

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1611930000	ZGB 30	Terminal markers, 32 x 7 mm, Polyamide 66, Colour: White	4008190002251	20 pc(s).
1778290000	ZGB 30/3,5	Terminal markers, 32 x 7 mm, Polyamide 66, Colour: White	4032248161065	20 pc(s).
1636530000	ZGB 15	Terminal markers, 15 x 7 mm, Polyamide 66, Colour: White	4008190297053	20 pc(s).

Creation date May 30, 2012 9:40:12 AM CEST

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for DIN Rail Terminal Blocks *category:*

Click to view products by Weidmuller *manufacturer:*

Other Similar products are found below :

1045932 00110420202 00110430402 5724.2/L 592808-3 CTS25U/BL CTS2.5U-N/Y 91.010 91.040 DP25-GY-ND 15288 90.070 90.905 91.001 91.020 91.201 91.340 2713793 2757571 280-331 283-317 283-607 2909044 2909798 29-2052 SRT2-OD08CL-1 CDL4U(E)MOV 2757801 2794660 284-317 2890975 2907033 3048496 CTS2.5U-N/O 5542152 5602077 0709880 5520682 5605444 5607102 EPUSC SRT2-OD16P 2901288 591620-2 1-591651-1 NRA37-1/2 592814-1 592814-3 SRT2-ID16P NRA37-12