

Extra functions

Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.

Visual separation

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To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

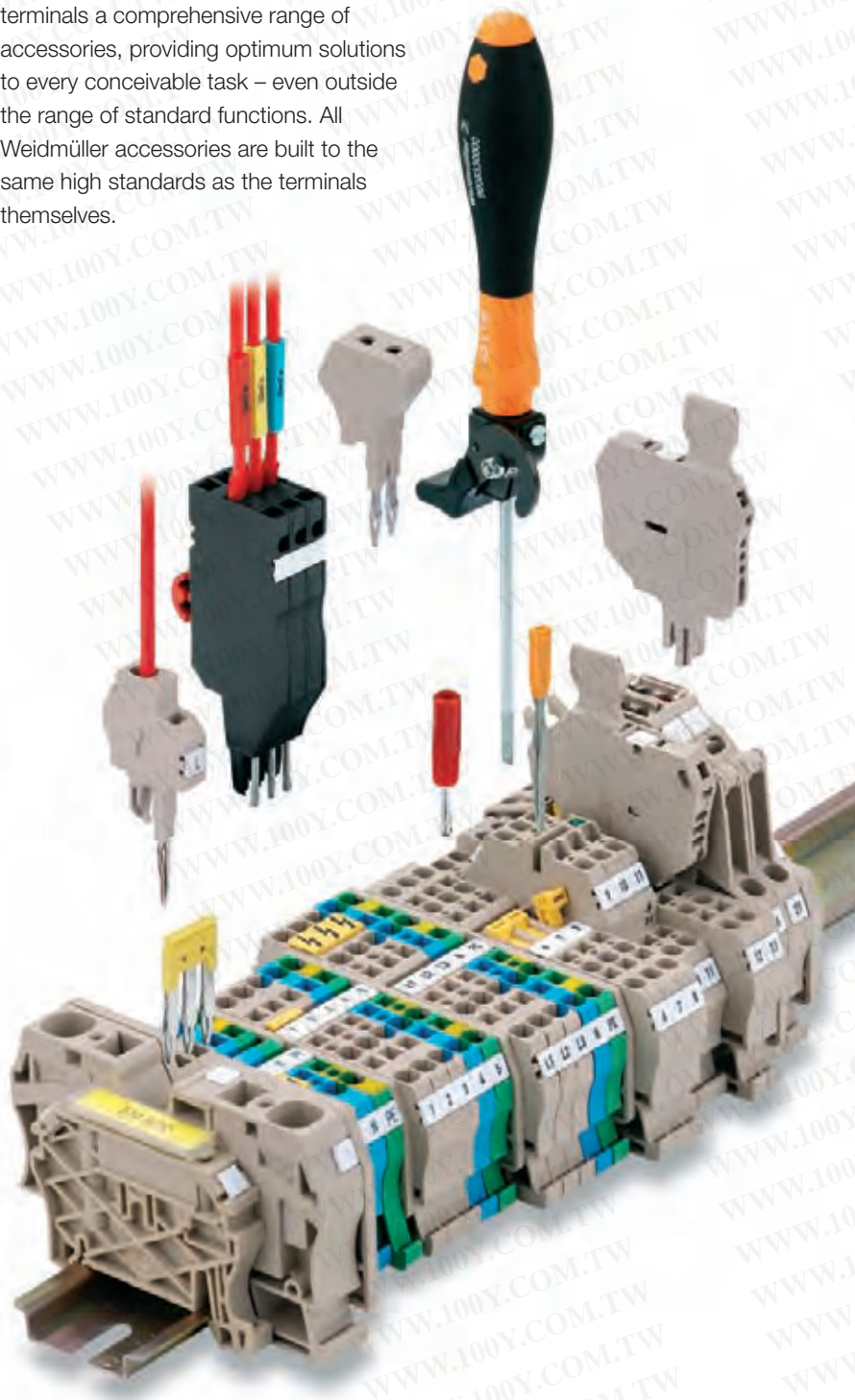
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WeiCoS

Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).



Weidmüller 

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Fastening

Chapter G



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter G**.

Electrical supply

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Weidmüller's tension clamp terminals have three supply terminals: **ZEI 16** for standard terminals **ZEI 16-2/1 AN** for Roof-Style terminals **ZEI 6** for ZDU 1.5 ... Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm² and then distributed across neighbouring terminals for 1.5 mm², 2.5 mm², 4 mm² and 6 mm² cross-sectional areas.

Electrical distribution

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A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

Testing

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The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

Marking and connecting

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Weidmüller's marking systems in **chapter G** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter G**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

**Specific functions/
colour variations**

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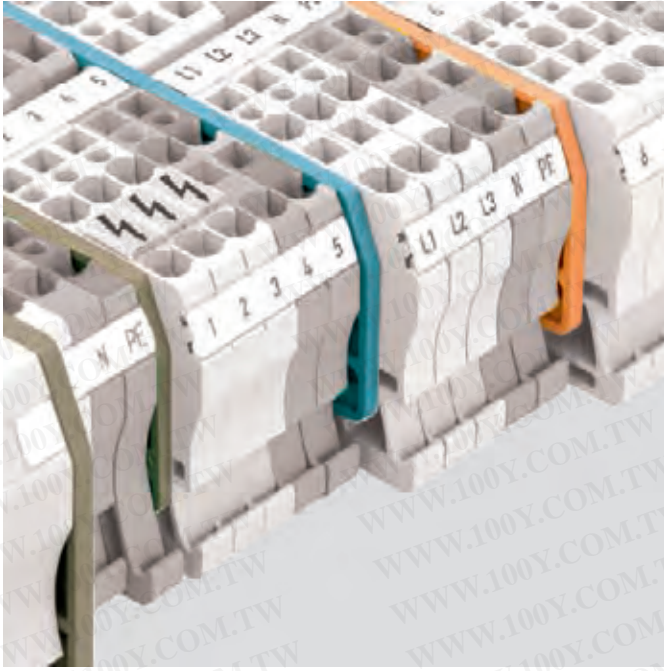
Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves

Weidmüller 

Accessories - Optical separation

End plates



Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDU1.5/2AN	beige	20	1776030000	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL	blue	20	1776040000	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR	Orange	20	1776050000	ZPE 1.5
Width 2 mm				
ZAP/TW ZDU1.5/3AN	beige	20	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL	blue	20	1776070000	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR	Orange	20	1776080000	ZPE 1.5/3AN
Width 2 mm				
ZAP/TW ZDU1.5/4AN	beige	20	1776090000	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL	blue	20	1776100000	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR	Orange	20	1776110000	ZDU 1.5/4 AN
				ZDU 1.5/4 AN/BL
				ZPE 1.5/4AN
Width 2 mm				
ZAP/TW ZDK1.5	dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL	blue	20	1791170000	ZDK 1.5 BL
ZAP/TW ZDK1.5 OR	Orange	20	1791180000	ZDK 1.5 PE
				ZDK 1.5DU-PE
				ZDK 1.5V
				ZDK 1.5V BL
Width 2 mm				
ZAP/TW 1	dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL	blue/light blue	50	1608750000	ZDU 2.5 BL
ZAP/TW 1 GN	green	50	1683680000	ZPE 2.5
ZAP/TW 1 GR	grey	50	1683710000	ZTR 2.5
ZAP/TW 1 OR	Orange	50	1608760000	ZTR 2.5 BL
ZAP/TW 1 RT	red	50	1683660000	ZTR 2.5/O. TNHE
Width 2 mm				
ZAP/TW 2 BL	blue/light blue	50	1608780000	ZDU 2.5/3AN
ZAP/TW 2 DB	dark beige	50	1608770000	ZDU 2.5/3AN BL
ZAP/TW 2 GN	green	50	1683760000	ZPE 2.5/3AN
ZAP/TW 2 OR	Orange	50	1608790000	
Width 2 mm				
ZAP/TW 3	dark beige	50	1608800000	ZDU 2.5/2X2AN
ZAP/TW 3 BL	blue/light blue	50	1608810000	ZSI 2.5
ZAP/TW 3 GN	green	50	1683840000	ZSI 2.5/5X25
ZAP/TW 3 GR	grey	50	1683870000	ZSI 2.5/LD 120AC
ZAP/TW 3 OR	Orange	50	1608820000	ZSI 2.5/LD 250AC
ZAP/TW 3 RT	red	50	1683820000	ZSI 2.5/LD 28AC
ZAP/TW 3 SW	black	50	1683890000	ZSI 2.5/LD 60AC
ZAP/TW 3 WS	white	50	1683880000	ZTR 2.5/3AN
				ZTR 2.5/3AN BL
				ZTR 2.5/3AN/O.TNHE
				ZTR 2.5/4AN
				ZDU 2.5/2X2AN BL
				ZTR 2.5/4AN BL
				ZTR 2.5/4AN/O.TNHE
				ZDU 2.5/2X2AN/D+
				ZDU 2.5/2X2AN/D-
				ZDU 2.5/2X2AN/LD+
				ZDU 2.5/2X2AN/LD-
				ZDU 2.5/4AN
				ZDU 2.5/4AN BL
				ZPE 2.5/4AN
Width 1.5 mm				
ZAP/TW ZDK2.5	dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL	blue/light blue	20	1748800000	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR	Orange	20	1690080000	ZDK 2.5/D/2
				ZDK 2.5/D/4
				ZDK 2.5/D/5
				ZDK 2.5/D/6
				ZDK 2.5/LD RT/1
				ZDK 2.5/LD RT/2
				ZDK 2.5V
				ZDK 2.5 BL
				ZDK 2.5 DU-PE
				ZDK 2.5 EM
				ZDK 2.5 N-DU
				ZDK 2.5 N-PE
				ZDK 2.5 OR
				ZDK 2.5 PE
				ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
Width 1.5 mm				
ZAP ZDL2.5-2	dark beige	20	1718370000	ZDL2 2.5-2 N
ZAP/TW ZDL2.5-2N	dark beige	20	1782340000	ZDL2 2.5-2 N/BL
ZAP/TW ZDL2.5-2N BL	blue	20	1782350000	ZDL2 2.5-2 VN ZDL2 2.5-2 VN/BL
Width 1.5 mm				
ZAP ZMAK2.5	dark beige	10	1768010000	ZMAK 2.5
Width 1.5 mm				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	ZDTR 2.5 BL
Width 2 mm				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	Orange	50	1632110000	
Width 2 mm				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	Orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
Width 2 mm				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	Orange	20	7904230000	ZPE 4/4AN
Width 2 mm				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	Orange	50	1608850000	ZPE 6
Width 2 mm				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	Orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
Width 2.7 mm				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
ZAP/TW ZDU10 OR	Orange	20	1748670000	ZPE 10
Width 3 mm				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
ZAP/TW 10/16 OR	Orange	20	1749590000	ZDU 16/3AN ZDU 16/3AN BL ZPE 10/3AN ZPE 16/3AN
Width 3 mm				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
ZAP/TW ZDU16 OR	Orange	20	1745160000	ZPE 16

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	Orange	50	1706130000	ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5-2/D+ ZDU 2.5-2/D- ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
Width 2 mm				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	Orange	20	1791070000	ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
Width 2 mm				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	Orange	50	1770890000	ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZPE 4-2/2AN ZPE 4-2/3AN
Width 2 mm				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	Orange	50	1807030000	ZPE 4-2/4AN
Width 2.5 mm				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	Orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZSI 6-2/FC LD ZTR 6-2 ZTR 6-2 E / 230V UC ZTR 6-2 E / 24V DC ZDU 6-2/2AN BL ZDU 6-2/3AN ZDU 6-2/3AN BL ZPE 6-2/2AN ZPE 6-2/3AN ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2
ZAP ZDU6-2 SW	black	50	1814710000	
Width 2.5 mm				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty	Order No.	For terminal:
Width 5.1 mm				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5 ZPV 1.5
Width 5.1 mm				
ZAP/TW ZIA1.5/3L	beige	50	1649540000	ZIA 1.5/3L-1S ZIA 1.5/3L-1S/LD ZIA 1.5/3L-PE
Width 5.1 mm				
ZAP/TWZIA1.5/4L	beige	50	1649550000	ZIA 1.5/4L-1S ZIA 1.5/4L-1S/LD ZIA 1.5/4L-PE
Width 5 mm				
AP ZRV1.5 DB	dark beige	10	1698180000	

Accessories - Optical separation

... for installations terminals

Type	Colour	Qty	Order No.	For terminal:
Width 3 mm				
ZHP Z/W BL	blue	20	1745180000	ZDU 10S
ZHP ZDL2.5S BL	blue	20	1720890000	ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
Width 2 mm				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT
				ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZPE 10S
				ZPE 16S
Width 5 mm				
ZHP Z/W SO	blue	20	1781070000	ZDU 10S
				ZDU 10S BL
				ZDU 16S
				ZDU 16S BL
				ZNT 10S
				ZNT 16S
				ZNT 35
				ZPE 10S
				ZPE 16S
Width 2 mm				
ZAP ZDU 2.5 S	dark beige	20	1808030000	ZDU 2.5 S
ZAP ZDU 2.5 S BL	blue	20	1808040000	ZDU 2.5 S BL
ZAP ZDU 2.5 S OR	Orange	20	1808050000	ZNT 2.5 S
				ZPE 2.5 S
Width 2 mm				
ZAP ZDU 4 S	dark beige	20	1808380000	ZDU 4 S
ZAP ZDU 4 S BL	blue	20	1808390000	ZDU 4 S BL
				ZNT 4 S
				ZPE 4 S
Width 2 mm				
ZAP ZDU 6 S	dark beige	20	1808250000	ZDU 6 S
ZAP ZDU 6 S BL	blue	20	1808260000	ZDU 6 S BL
				ZNT 6 S
				ZPE 6 S
Width 3 mm				
ZHP S	blue	20	1808290000	ZDU 2.5 S
ZHP S SO	blue	20	1808280000	ZPE 2.5 S
				ZPE 4 S
				ZPE 6 S
				ZDU 2.5 S BL
				ZDU 4 S
				ZDU 4 S BL
				ZDU 6 S
				ZDU 6 S BL
				ZNT 2.5 S
				ZNT 4 S
				ZNT 6 S

... for mini-terminals

Type	Colour	Qty	Order No.	For terminal:
Width 1.5 mm				
ZAP/TW ZDUA	dark beige	50	1720960000	ZDUA 2.5-2
ZAP/TW ZDUA BL	blue/light blue	50	1720970000	ZDUA 2.5-2 BL
ZAP/TW ZDUA OR	Orange	50	1720980000	ZPEA 2.5-2
Width 2.5 mm				
ZAP/TW ZDUA2.5-2N	dark beige	50	1808170000	ZDUA 2.5-2N
				ZDUA 2.5-2N BL
				ZPEA 2.5-2N
Width 5 mm				
ZAP ZDUB	dark beige	50	1704750000	ZDUB 2.5-2/2AN/15
ZAP ZDUB BL	blue/light blue	50	1704760000	ZDUB 2.5-2/2AN/RC BL
ZAP ZDUB OR	Orange	50	1704770000	ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC BL
				ZDUB 2.5-2/4AN/RC/GE
				ZDUB 2.5-2/4AN/RC/OR
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC
Width 5 mm				
ZTW ZDUB	dark beige	50	1704340000	ZDUB 2.5-2/2AN/15
				ZDUB 2.5-2/2AN/RC BL
				ZDUB 2.5-2/2AN/RC GE
				ZDUB 2.5-2/2AN/RC OR
				ZDUB 2.5-2/4AN/15
				ZDUB 2.5-2/4AN/15 BL
				ZDUB 2.5-2/4AN/DB
				ZDUB 2.5-2/4AN/DB BL
				ZDUB 2.5-2/4AN/DB GE
				ZDUB 2.5-2/4AN/DM
				ZDUB 2.5-2/4AN/DM BL
				ZDUB 2.5-2/2AN/15 BL
				ZDUB 2.5-2/4AN/DM GE
				ZDUB 2.5-2/4AN/RC
				ZDUB 2.5-2/4AN/RC/BL
				ZDUB 2.5-2/4AN/RC/GE
				ZPEB 2.5-2/2AN
				ZDUB 2.5-2/2AN/DB
				ZDUB 2.5-2/2AN/DB BL
				ZDUB 2.5-2/2AN/DB GE
				ZDUB 2.5-2/2AN/DM
				ZDUB 2.5-2/2AN/DM BL
				ZDUB 2.5-2/2AN/DM GE
				ZDUB 2.5-2/2AN/RC

... for WeiCoS pluggable terminals

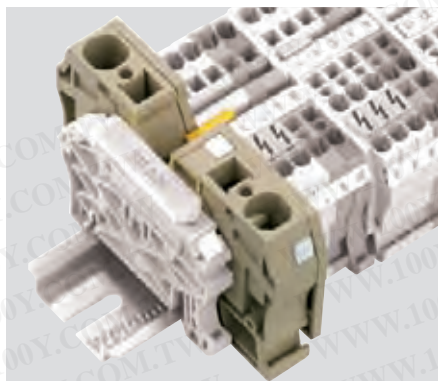
Type	Colour	Qty	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW ZT2.5/2AN	dark beige	50	1816030000	ZT 2.5/2AN/1
ZAP/TW ZT2.5/2AN OR	Orange	50	1816040000	ZTPE 2.5/2AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/3AN	dark beige	50	1816050000	ZT 2.5/3AN/1 ZTPE 2.5/3AN/1
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/2	dark beige	50	1816070000	ZT 2.5/4AN/2
ZAP/TW ZT2.5/4AN/2 OR	Orange	50	1816080000	ZTPE 2.5/4AN/2
Width 2.5 mm				
ZAP/TW ZT2.5/4AN/4	dark beige	50	1816090000	ZT 2.5/4AN/4
ZAP/TW ZT2.5/4AN/4 OR	Orange	50	1816100000	ZTC 2.5/4AN/4 ZTCPE 2.5/4AN/4 ZTPE 2.5/4AN/4
Width 2.5 mm				
ZAP/TW ZDT2.5/2	dark beige	50	1816110000	ZDT 2.5/2 ZDT 2.5/2 DU-PE ZDT 2.5/2 PE
Width				
ZAP/TW ZTTR2.5	dark beige	50	1865200000	ZTTR 2.5 ZTTR 2.5/O. TNHE

... for custom applications

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZTW ZTL6	dark beige	20	1771870000	ZTD 6
ZTW ZTL6 OR	Orange	20	1771880000	ZTD 6/STB ZTL 6 ZTL 6/STB
Width 1.5 mm				
ZAP ZDU4/NT	dark beige	20	1757970000	ZDU 4/NT ZDU 4/NT DB
Width 2 mm				
ZAP ZDU10/16S	dark beige	20	1739660000	ZDU 10/NT ZDU 10S ZDU 10S BL ZDU 16S ZDU 16S BL ZNT 10S ZNT 16S ZPE 10S ZPE 16S

Accessories – Electrical supply

ZEI 16 supply terminal



Integrated partition plate



Output possible on left and right



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm².

Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Output options and corresponding cross-connections

Supply terminals	Output terminals	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5/...	•	•
	ZDU 2.5/4AN	ZQV 2.5/...	•	•
	ZDU 2.5N	ZQV 2.5/...	•	•
	ZDU 2.5N/3AN	ZQV 2.5/...	•	•
	ZDU 2.5N/4AN	ZQV 2.5/...	•	•
	ZDU 4	ZQV 4/...	•	•
	ZDU 4/3AN	ZQV 4/...	•	• 1)
	ZDU 4/4AN	ZQV 4/...	•	• 1)
	ZDU 6	ZQV 6/...	•	•
	ZDU 6/3AN	ZQV 6/...	•	• 1)
ZEI 6	ZTR 2.5	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/3AN	ZQV 2.5/...	• 2)	• 2)
	ZTR 2.5/4AN	ZQV 2.5/...	•	•
	ZDU 1.5	ZQV 1.5/...	•	•
	ZDU 1.5/3AN	ZQV 1.5/...	•	•
	ZDU 1.5/4AN	ZQV 1.5/...	•	• 1)

1) with IEPL 2) with QVAR



$$I_{max} = \sum I_n \text{ (left)}$$



$$I_{max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{max} = \sum I_n \text{ (right)}$$

Ordering data

Type	Colour	Qty.	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000
QVAR	dark beige	20	1836370000

Maximum possible current I_{max}

Supply terminals	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 4	ZQV 4	16 mm ²	64 A	76 A
		25 mm ²	66 A	100 A
ZDU 6	ZQV 6	16 mm ²	76 A	76 A
		25 mm ²	82 A	100 A

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right



Supply options and corresponding cross-connections

		on the right											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		on the left											
ZDU 4		• 2)	•	•	• 2)	•	•	•	•	•	• 2)	• 2)	•
ZDU 4/3AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)	•	•	•	• 2)	• 2)	•
ZDU 4/4AN		• 1)	• 2)	• 1)	• 1)	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	•	•	• 2)	•	•	•	•	• 2)	• 2)	•
ZDU 6/3AN		• 1)	•	• 1)	• 1)	•	• 1)	•	•	•	•	•	• 1)
		on the left											
Output terminals	Supply terminals	ZDU 2.5	ZDU 2.5/3AN	ZDU 2.5/4AN	ZDU 2.5N	ZDU 2.5N/3AN	ZDU 2.5N/4AN	ZDU 4	ZDU 4/3AN	ZDU 4/4AN	ZTR 2.5	ZTR 2.5/3AN	ZTR 2.5/4AN
		on the right											
ZDU 4		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 4 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 4 / 4 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	• 1)
ZDU 6 / 3 AN		•	• 2)	• 1)	•	• 2)	• 1)	•	•	•	• 2)	• 2)	•

1) with IEPL 2) with QVAR

Accessories – Electrical supply

Plug-in cross-connection ZQV



D The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** as reducer cross-connector distributes current from terminals with larger crosssections to terminals with smaller crosssection.
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV2.5N/20 – continuous (20-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections (e.g. for terminal types ZDU 2.5 to ZDU 35 and ZDU 2.5-2).

This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

- Remove a cross-connection by simply prising it out with a screwdriver.

Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

Caution:

Contact elements must not be deformed!

If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).



Possible combinations

In one cross-connection channel



D

In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

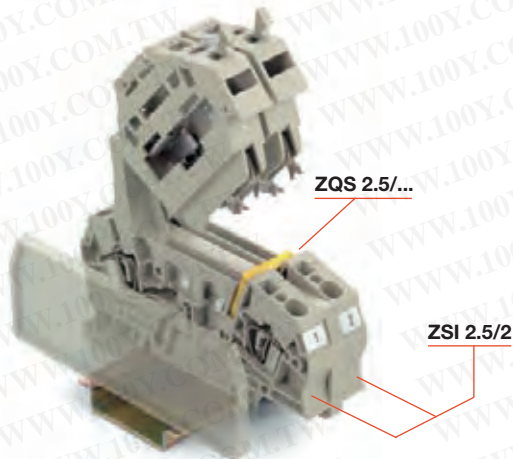
Terminal type	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals							
ZDU 2.5	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5 / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5 / 4 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5N / 3 AN	ZQV 2.5/...	•	•	•			
ZDU 2.5N / 4 AN	ZQV 2.5/...	•	•	•			
ZTR 2.5 ...	ZQV 2.5/...	•	•	•			
ZSI 2.5 ...	ZQV 2.5/...	•	•	•			
ZDU 4 ...	ZQV 4/...	•	•	•			
ZDU 6 ...	ZQV 6/...	•	•	•			
ZDU 10, ZDU 16, ZDU 35	ZQV 10/2	•			•		
ZPE 2.5	ZQV 2.5/...			•		•	•
ZPE 4	ZQV 4/...			•			
ZPE 6	ZQV 6/...			•			
ZPE 10, ZPE 16, ZPE 35	ZQV 10	•			•		
Roof-Style terminals							
ZDU 2.5-2	ZQV 2.5/...	•	•	•	•	•	•
ZDU 2.5-2 / 3 AN	ZQV 2.5/...	•	•	•	•	•	•
ZDU 4-2/...	ZQV 4/...	•	•	•	•	•	•
ZDU 6-2/...	ZQV 6/...	•	•	•			
ZPE 2.5-2	ZQV 2.5/...			•		•	
ZPE 2.5-2 / 3 AN	ZQV 42.5/...			•		•	
ZPE 4-2/...	ZQV 4/...			•		•	
ZPE 6-2/...	ZQV 6/...			•			

Alternative cross-connections available

Terminals with different rated cross-section



Fuse terminals with same rated cross-section



It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

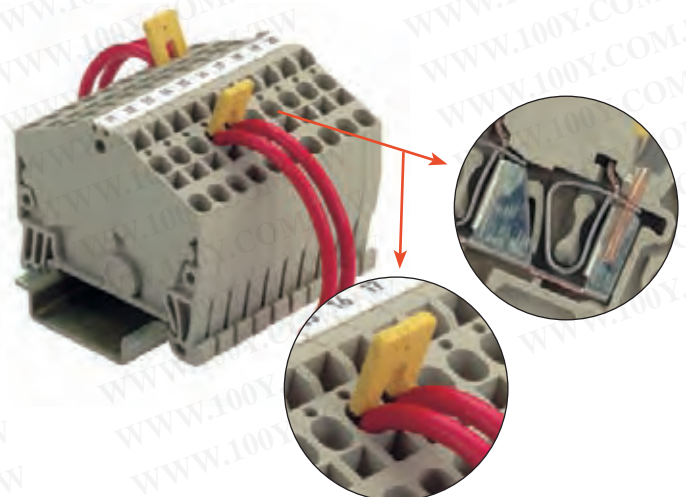


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.
The conductor cross-sections is reduced to 1.5 mm² “e” and “f” as a result of using ZWB 2.5.



ZQV 6



41 / 41		
Type	Qty	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000
ZQV 6/32 GE	10	1733640000
For terminal:		
ZDU 6 ...	ZDU 6-2 ...	
ZDK 6/S ...	ZDU 6 S	
ZTL 6 ...	ZNT 6 S	
ZEI 16 ZEI	ZEI 16-2/1 AN	

ZQV 10/2



57 / 17.5		
Type	Qty	Order No.
ZQV 10/2	25	1739680000
For terminal:		
ZDU 10 ...	ZDU 10 S	
ZDU 10 NT	ZNT 10 S	

ZQV 16/2



76 / 76		
Type	Qty	Order No.
ZQV 16/2	25	1739690000
For terminal:		
ZDU 16	ZDU 16 S	
ZPE 16	ZPE 16 S	
	ZNT 16 S	

ZQV 35/2



105 / 105		
Type	Qty	Order No.
ZQV 35/2	10	1739700000
For terminal:		
ZDU 35		
ZPE 35		
ZNT 35/S		

ZQV 2.5N



24 / 24		
Type	Qty	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000
For terminal:		
ZT 2.5 ...	ZDUA 2.5-2 ...	
ZDT 2.5 ...	ZDUA 2.5-2N ...	
ZP 2.5 ...	ZDL 2.5 ...	
ZTTQ 2.5 ...	ZDL 2.5 S	
ZTC ...		

ZQB 2.5



24 / 24		
Type	Qty	Order No.
ZQB 2.5-2	50	1677120000
For terminal:		
	ZDUB 2.5-2/4 AN	
	ZDU 2.5-2/4 AN	

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

ZQS 2.5



/ 10		
Type	Qty	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000
For terminal:		
ZSI 2.5/2 ...		

ZVQ 2.5/1.5



/ 23		
Type	Qty	Order No.
ZVQ 2.5/1.5	50	1720700000
For terminal:		
ZDK 2.5 ...	ZDLD 2.5-2 ...	
ZDT 2.5/2		

Accessories – WeiCoS pluggable modular terminals

Plug accessories

WeiCoS 2.5 mm²

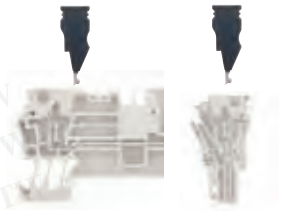
Locking element

ZVR ZP 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	25	1816130000

Test adapter

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

ZTA ZT 2.5

Ordering data	Type	Qty.	Order No.
	ZTA ZT 2.5 (without spigot)	25	1827080000
	ZTA ZT 2.5 (with spigot)	25	1847600000

D

Coding element

KOSF ZT 2.5

Ordering data	Type	Qty.	Order No.
	KOSF ZT 2.5	50	1816150000

Locking element

ZVR ZP 2.5 in conjunction with separate coupling

ZVR ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

Strain relief

ZZE ZP 2.5

Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

Protective cover

ZAD ZT / ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZAD ZT / ZPS 2.5	50	1861030000

Plug accessories

WeiCoS 4 mm²

Locking element

ZVR ZP 4



Ordering data	Type	Qty.	Order No.
	ZVR ZP 4	25	1855250000

Fixing set

ZT2/1AN / ZT4/2AN

Contents ZT2/1AN FX-Set:

- 20 fixing blocks with nuts
- 20 fixing brackets
- 20 M3 screws

Contents ZT4/2AN FX-Set:

- 20 fixing blocks with nuts
- 40 fixing brackets
- 40 M3 screws



Ordering data	Type	Qty.	Order No.
	ZT2/1AN FX-Set	20	1859750000
	ZT4/2AN FX-Set	20	1859740000

Coding element

KOSF ZT 4



Ordering data	Type	Qty.	Order No.
	KOSF ZT 4	50	1856860000

Strain relief

ZZE ZP 4



Ordering data	Type	Qty.	Order No.
	ZZE ZP 4	25	1855260000

Accessories – WeiCoS pluggable modular terminals

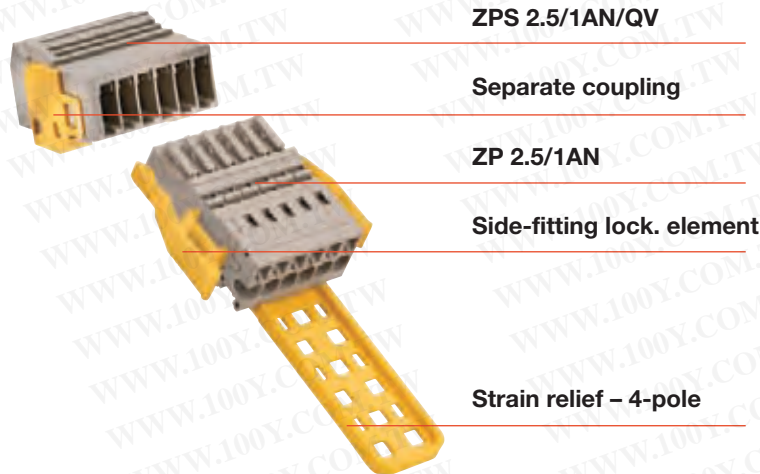
Mounting set – separate coupling

Modern industry without modularity in the individual applications would be unthinkable

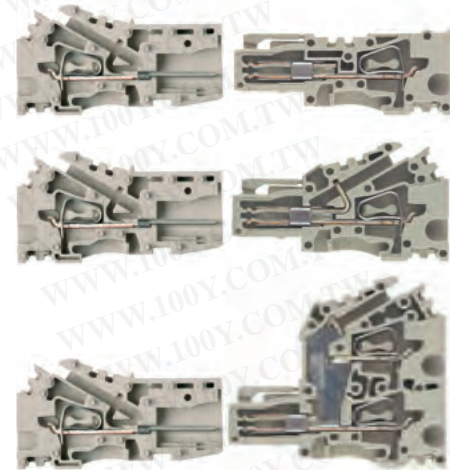
Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. The WeiCoS separate coupling is the ideal solution for wiring without “heavyweight” enclosures.

The modular WeiCoS separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible functional units.

D



Separate coupling – 3 plugs, 1 line



Separate coupling

ZVLA1 ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVLA1 ZPS 2.5	20	1866250000

Alternative to the side-fitting locking element, the central locking element

ZVR ZP 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZP 2.5	20	1816130000

Strain relief – 4-pole

ZZE ZP 2.5 / 4 / 8



Ordering data	Type	Qty.	Order No.
	ZZE ZP 2.5 – 1-pole	25	1816140000
	ZZE ZP 2.5/4 – 4-pole	25	1866220000
	ZZE ZP 2.5/8 – 8-pole	25	1866230000

ZP 2.5/1AN/6



Ordering data	Type	Qty.	Order No.
	ZP 2.5/1AN/6	25	1815520000

Side-fitting locking element

ZVR ZPS 2.5



Ordering data	Type	Qty.	Order No.
	ZVR ZPS 2.5	20	1878620000

ZPS 2.5/1AN/QV 6



Ordering data	Type	Qty.	Order No.
	ZPS 2.5/1AN/QV 6	25	1865940000

Accessories – WeiCoS pluggable modular terminals

Mounting set – coupling

The new options

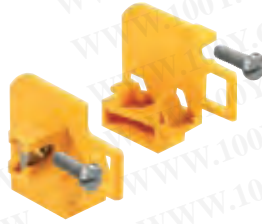
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

And the special highlight is that coupling blocks can be supplied already fitted with the fixings you require. See page D.90 for details of pre-assembled coupling blocks.

Screwed through-wall fixing

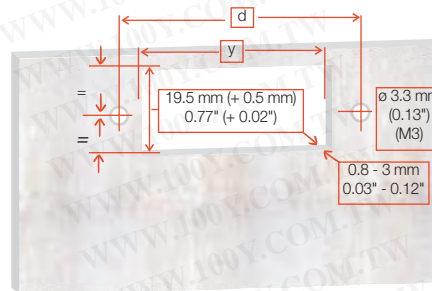


Type	Qty.	Order No.
ZVLA DF ZPS2.5	20	187860000

Clipped through-wall fixing

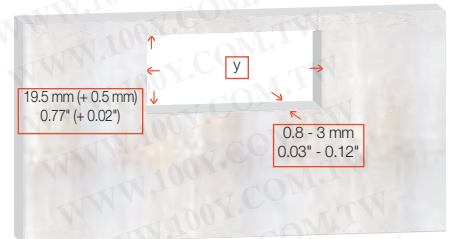


Type	Qty.	Order No.
ZVLA DF CL ZPS2.5	20	1878610000



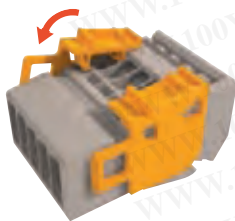
$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm} \quad y = n \times 0.25" + 0.69"$$

WeiCoS



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pole	y		d	
	mm	inch(")	mm	inch(")
2-pole	15.7	0.62	23.7	0.93
3-pole	20.8	0.82	28.8	1.13
4-pole	25.9	1.02	33.9	1.33
5-pole	31.0	1.22	38.9	1.53
6-pole	36.1	1.42	44.1	1.74
7-pole	41.2	1.62	49.2	1.94
8-pole	46.3	1.82	54.3	2.14
9-pole	51.4	2.02	59.4	2.34
10-pole	56.5	2.22	64.5	2.55
11-pole	61.6	2.43	69.6	2.74
12-pole	66.7	2.63	74.7	2.94
13-pole	71.8	2.83	79.8	3.14
14-pole	76.9	3.03	84.9	3.34
15-pole	82.0	3.23	90.0	3.54
16-pole	87.1	3.43	95.1	3.74

n-pole	y	
	mm	inch(")
2-pole	27.7	1.09
3-pole	32.8	1.29
4-pole	37.9	1.49
5-pole	43.0	1.69
6-pole	48.1	1.89
7-pole	53.2	2.09
8-pole	58.3	2.29
9-pole	63.4	2.49
10-pole	68.5	2.69
11-pole	73.6	2.90
12-pole	78.7	3.10
13-pole	83.8	3.30
14-pole	88.9	3.50
15-pole	94.0	3.70
16-pole	99.1	3.90

Direct mounting – screwed



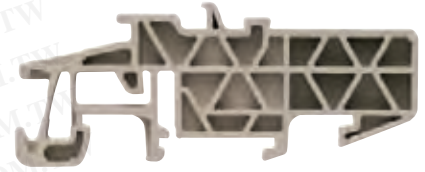
Type	Qty.	Order No.
ZVLA SC ZPS 2.5	20	1866240000

Direct mounting – clipped



Type	Qty.	Order No.
ZVLA RC ZPS 2.5	20	1866260000

on terminal rail



Type	Qty.	Order No.
MOFU 15/35 ZPS 2.5	25	1899170000



Type	Qty.	Order No.
BA RC ZPS 2.5	100	1908560000



Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000



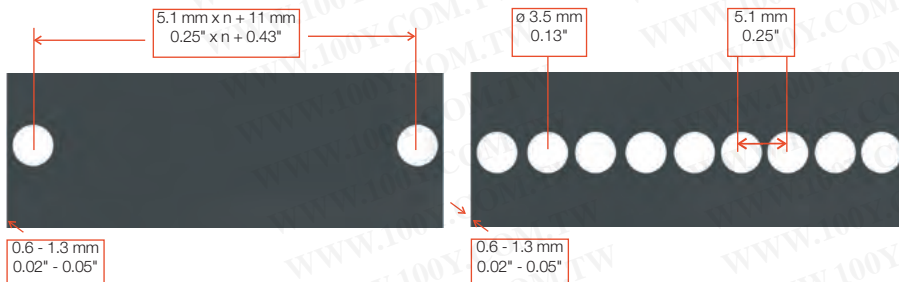
Plug support prevents buckling of the connection

Type	Qty.	Order No.
BA ZPS 2.5	100	1908550000

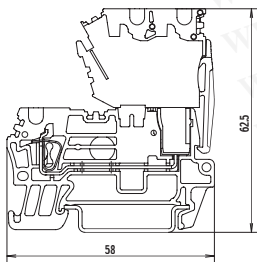
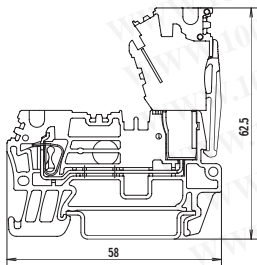
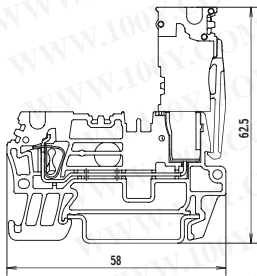
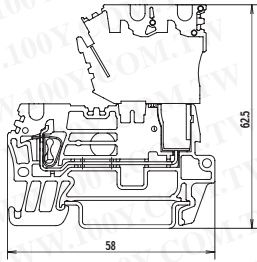
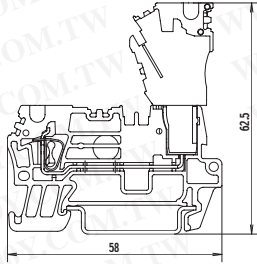
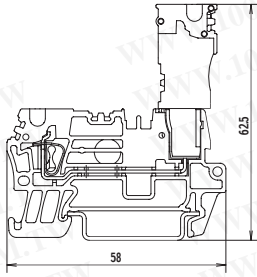


TS 15

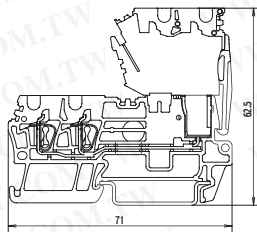
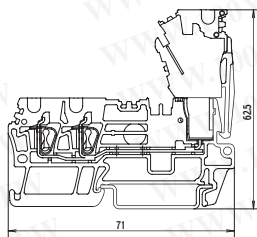
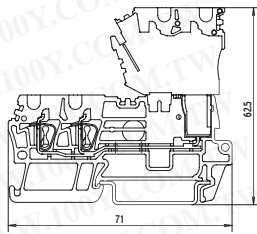
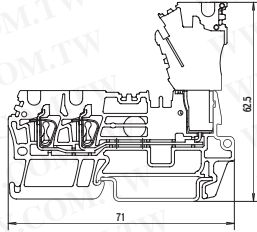
TS 35



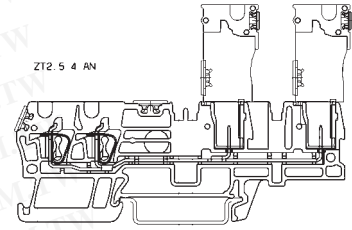
ZT 2.5/2AN/1



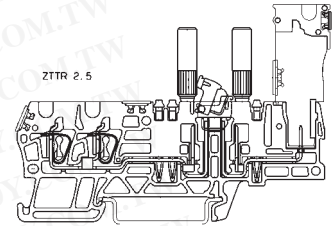
ZT 2.5/3AN/1



ZTTR 2.5/3AN/1



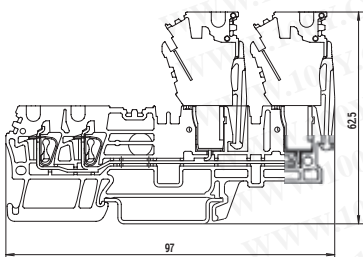
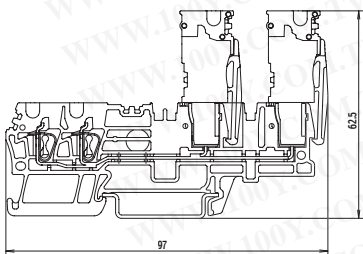
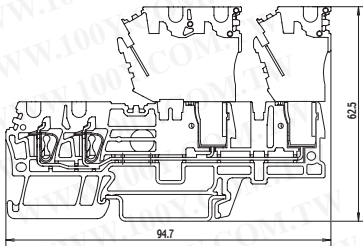
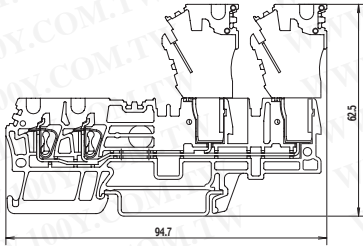
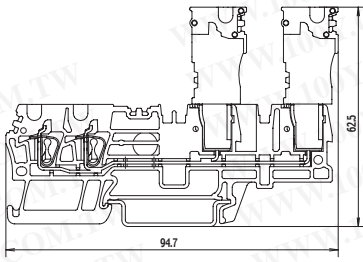
ZT 2.5 4 AN



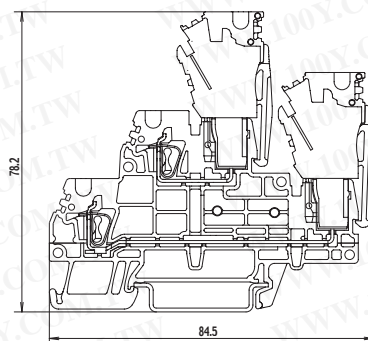
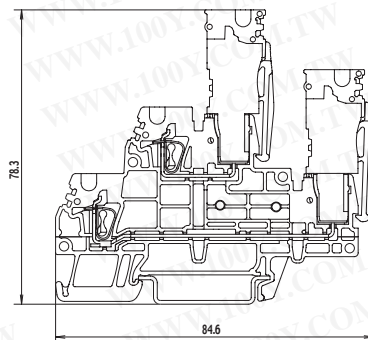
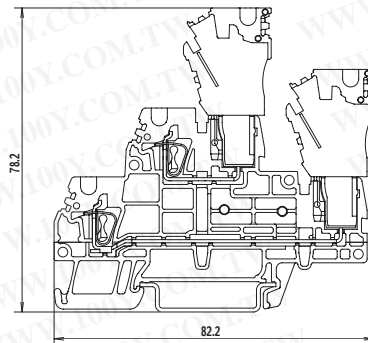
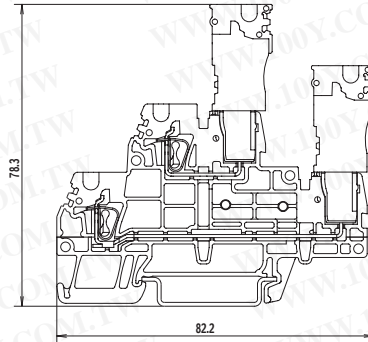
ZTTR 2.5

A connector alignment:
the ZTTR can be combined with ZTPE 2.5.

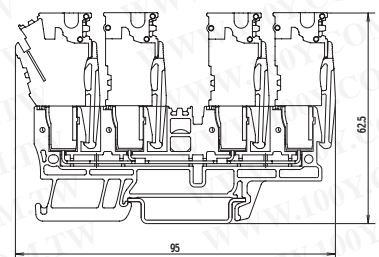
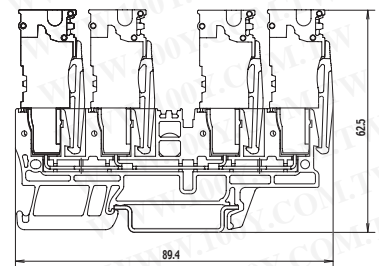
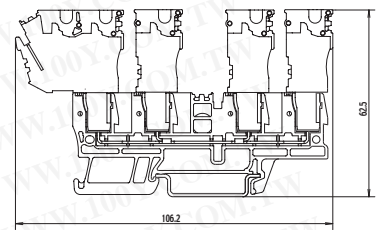
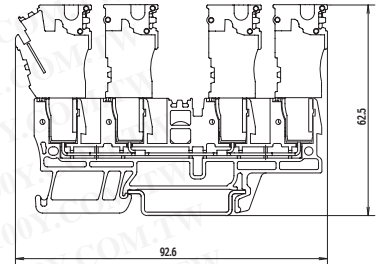
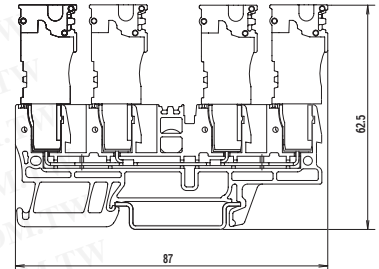
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4



Accessories - Testing / checking

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

ZTA 1

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 31.5 /	99.10
Stripping length	mm	6	
Rated data			
Rated voltage	V	250	
Rated current	A	9	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA 1	25	1609040000	
ZTA 1/ZA	25	1609050000	

For terminal:

ZDU 2.5 ...
ZTR 2.5 ...
ZSI 2.5 ...
ZSI 2.5/2

ZTA 2

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 /	103.50
Stripping length	mm	6	
Rated data			
Rated voltage	V	250	
Rated current	A	9	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA 2 ZDU4	25	1609060000	
ZTA 2/ZA ZDU4	25	1609070000	

For terminal:

ZDU 4 ...

ZTA 3

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 /	105.50
Stripping length	mm	6	
Rated data			
Rated voltage	V	250	
Rated current	A	9	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA 3 ZDU6	25	1654050000	

For terminal:

ZDU 6 ...

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Clamped conductors (H05V/H07V)	
solid / stranded	mm
flexible / Flexible with ferrule	
Ordering data	
	1-pole
	With snap-in pegs

ZTA 6

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / 31.5 /	73.50
Stripping length	mm	6	
Rated data			
Rated voltage	V	250	
Rated current	A	17.5	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.75...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA 6/ZA	25	1780660000	

For terminal:

ZDU 4-2 ...

ZTA 7

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / 31.5 /	73.50
Stripping length	mm	6	
Rated data			
Rated voltage	V	250	
Rated current	A	9	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA 7/ZA	25	1780670000	

For terminal:

ZDU 6-2 ...

ZTA ZT2.5

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / 20 /	50.50
Stripping length	mm	10	
Rated data			
Rated voltage	V	250	
Rated current	A	17.5	
Rated cross-section	mm ²	1.5	
Clamped conductors (H05V/H07V)			
solid / stranded	mm	0.5...1.5	
flexible / Flexible with ferrule		0.5...1.5 / 0.5...1.5	
Ordering data			
Type	Qty	Order No.	
ZTA ZT2.5	25	1827080000	
ZTA ZT2.5/ZA	25	1847600000	

For terminal:

ZTA 4

For terminal width 5.1 mm



5.1 / 31 / 10	69.00	
250		
11		
1.5		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Type	Qty	Order No.
ZTA 4	25	1688110000
For terminal:		
ZDK 2.5 ...		
ZTR 2.5/4 AN ...		

ZTA 5

For terminal width 3.5 mm



3.5 / 20 / 10	54.00	
200		
13.5		
1		
0.5...1		
0.5...1 / 0.5...1		
Type	Qty	Order No.
ZTA 5	25	1776210000
ZTA 5/ZA	25	1776220000
For terminal:		
ZDU 1.5 ...		
ZDK 1.5 ...		

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	current / current -
Ordering data	Test plug

PS

Plug diameter 2.0 mm



Type	Qty	Order No.
PS 2.0 OR	20	0293800000
For terminal:		
ZDU/ZPE 2.5/...		
ZDU/ZPE 4/...		
ZDU/ZPE 6/3 AN		
ZDU/ZPE 10/...		
ZDU/ZPE 16/...		
ZDU/ZPE 35		
ZEI 16		
ZTR 2.5/...		
ZTR 2.5 .../D		
ZDTR 2.5		
ZTR 2.5/SI		
ZDL 2.5/SI ...		
ZTRR 2.5/2AN/1		

PS 2.3 RT

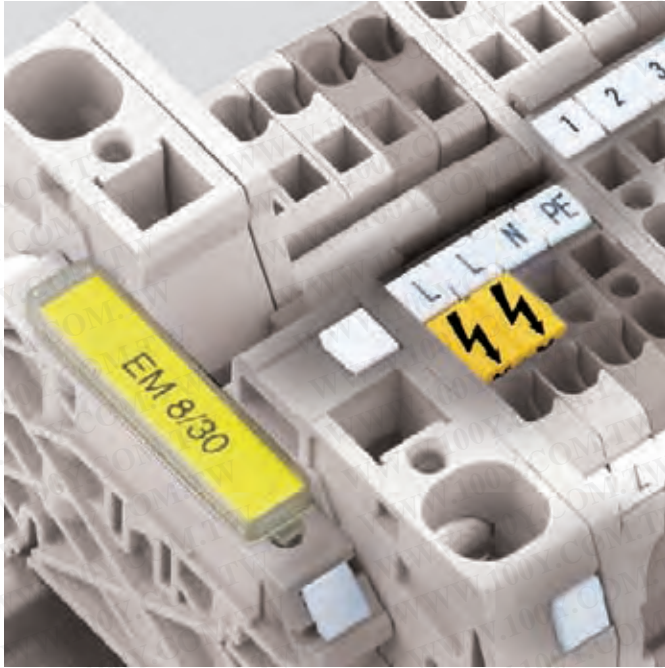
Plug diameter 2.3 mm



Type	Qty	Order No.
PS 2.3 RT	20	0180400000
For terminal:		
ZDU/ZPE 2.5/...		
ZDU/ZPE 4/...		
ZDU/ZPE 10/...		
ZDU/ZPE 18/...		
ZDU/ZPE 35		
ZDU/ZPE 4-2		
ZDU/ZPE 6-2		
ZTR 2.5...		
ZTR 2.5.../D		
ZDTR 2.5		
ZTR 2.5/SI		
ZDL 2.5/SI...		
ZTRR 2.5/2AN/1		

Accessories - Marking and connecting

Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Tool

The fully-insulated **ZBW1** to **ZBW6** and ZBWW tools are used for opening 1.5 mm² and 2.5 mm² terminal points. They can be used to simultaneously open multiple terminal points.

The ZBWW tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

Cover

Type	Colour	Qty	Order No.	For terminal:
Width				
ZAD 7/4		20	1781940000	ZDK 1.5 ZDK 1.5 BL ZDK 1.5DU-PE ZDK 1.5V ZDK 1.5V BL ZDU 1.5 ZDU 1.5 2X2AN ZDU 1.5 2X2AN BL ZDU 1.5 BL ZDU 1.5/3 AN ZDU 1.5/3 AN/BL ZDU 1.5/4 AN ZDU 1.5/4 AN/BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
Width				
ZAD 1/4		20	1609110000	ZDK 4-2 ZDU 2.5 BL ZDU 2.5/2X2AN ZDU 2.5/2X2AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 2.5/2X2AN/LD+ ZDU 2.5/2X2AN/LD- ZDU 2.5/3AN ZDU 2.5/3AN BL ZDU 2.5/4AN ZDK 4-2 BL ZDU 2.5/4AN BL ZDU 4-2/2AN ZDU 4-2/2AN BL ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZDU 4-2/4AN ZDU 4-2/4AN BL ZDUA 2.5-2N ZDUA 2.5-2N BL ZDK 4-2 PE ZEI 16 ZEI 16 BL ZPE 4-2/4AN ZPEA 2.5-2N ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZDK 4-2 V ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZTR 2.5/4AN ZTR 2.5/4AN BL ZTR 2.5/4AN/O TNHE ZDK 4-2/D forward ZDK 4-2/D reverse ZDK 4-2/DU-PE ZDK 4-2/N/L ZDU 2.5

Cover

Type	Colour	Qty	Order No.	For terminal:
ZAD 1/4-2 GE		20	1764560000	ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE ZDU 2.5-2 ZDU 2.5-2 BL ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE
Width				
ZAD 2/4		20	1609080000	ZDU 2.5/2X2AN/D+ ZEI 16 BL ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZDU 2.5/2X2AN/D- ZSI 6-2/FC LD ZDU 4 ZDU 4 BL ZDU 4/3AN ZDU 4/3AN BL ZDU 4/4AN ZDU 4/4AN BL ZEI 16
Width				
ZAD 3/4		20	1609120000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 6 ZDU 6 BL ZDU 6/3AN ZDU 6/3AN BL ZEI 16 ZEI 16 BL ZEI 6
Width				
ZAD 4/5		20	1746730000	ZDU 10 ZDU 10 BL ZDU 10/3AN ZDU 10/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL
Width				
ZAD 5/5		20	1745210000	ZDU 16 ZEI 16-2/1AN BL ZDU 16 BL ZDU 16/3AN ZDU 16/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZEI 16-2/1AN

Cover

Type	Colour	Qty	Order No.	For terminal:
ZAD 6/5		20	1752620000	ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 35 ZDU 35 BL ZEI 16 ZEI 16 BL

Operating tool

Type	Colour	Qty	Order No.	For terminal:
ZBW 1/3.5		1	1781930000	ZDK 1.5DU-PE ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE
Width				
ZBW 1		1	1669620000	ZDK 2.5-2
ZBW 2		1	1650670000	ZDK 2.5-2 BL
ZBW 3		1	1650680000	ZDK 2.5-2 PE
ZBW 4		1	1650690000	ZDK 2.5V
ZBW-6		1	1650700000	ZDK 2.5V BL
ZBWW		1	1669630000	ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE

Accessories - Other functions

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

Technical data

Product type

Ordering data

0,13...0,2 mm ² , white
0,25...0,5 mm ² , grey
0,75...1,0 mm ² , dark grey

ZRH 1.5 S



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5S/1	500	1781950000
ZRH 1.5S/2	500	1781960000

For terminal:

ZDU 1.5/...
ZPE 1.5/...

ZRH 1.5 H



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000

For terminal:

ZDK 2.5... ZDLD 2.5-2-...
ZDK 2.5 PE ZDU 2.5-2/...
ZDTR 2.5 ZPE 2.5-2/...
ZTR 2.5-2-...

ZRH 1.5N



Reducing sleeve

Type	Qty	Order No.
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/3	1000	1632120000

For terminal:

ZRV 1.5
ZRV 1.5 PEZVL 1.5
ZIA 1.5/3 L ...
ZIA 1.5/4 L ...

ZRH 2.5



Reducing sleeve

Type	Qty	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/3	1000	1614280000

For terminal:

ZDU 2.5/...
ZTR 2.5/...

ZRH 4



Reducing sleeve

Type	Qty	Order No.
ZRH 4/1 WS	1000	1636640000
ZRH 4/2	1000	1636650000
ZRH 4/3	1000	1636660000

For terminal:

ZDU 4/...
ZPE 4/...

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

BZT 1/BZT 2



Technical data

Product type

Ordering data

One-sided, without peg
One-sided, with peg
Two-sided without pin
Two-sided, with pin

Marker holder

Type	Qty	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000
BZT 2 ZA WS 10/5	100	1805530000

For terminal:

ZDU 2.5/...
ZDU 4/...
ZDU 6/...
ZDU A 2.5/...

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

ZZA 2.5



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage	kV
Pollution severity	
Ordering data	
With snap-in pegs	

6.1 / 21 / (50)		
400		
17.5		
2.5		
6		
3		
Type	Qty	Order No.
ZZA 2.5/ZA	50	1649350000
ZZA 2.5	50	1646690000
For terminal:		
ZDU 2.5		
ZDU 2.5/3 AN		
ZDU 2.5/4 AN		
ZTR 2.5		
ZTR 2.5/3 AN		

Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

ZBS



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse voltage	kV
Pollution severity	
Ordering data	
For holding 2 LEDs	

10 / 22.3 / 48		
250		
30 V		
6		
1 A		
4		
3		
Type	Qty	Order No.
ZBS1 SET	10	1764540000
ZBS1 F.D SET	10	1764550000
For terminal:		
ZDK 2.5		

Busbar holder

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

ZST



Dimensions	
Width / Length / Height	mm
Ordering data	

10 / 61.1 / 27.5		
Type	Qty	Order No.
ZST	10	1678680000
For terminal:		

Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

ZDUS

Shield conductor - connection terminals



Dimensions	
Width / Length / Height	mm
Ordering data	

4.8 / 83.5 / 33.5		
Type	Qty	Order No.
ZDUS	20	1676640000
For terminal:		

Accessories – other functions

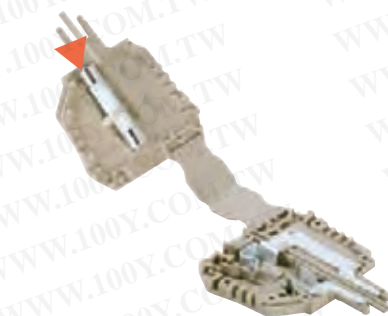
SIHA fuse holder



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.

D

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 3

SIHA STRAP

	Qty.	Order No.
without LED		
SIHA3/G20	400 V 1	7921560000
with LED (red)		
SIHA3/G20	10 - 36 V 1	7921570000
	35 - 70 V 1	7921580000
	60 - 150 V 1	7921590000
	140 - 250 V 1	7921600000

	Qty.	Order No.
with strap		
SIHA STRAP	20	9537680000




For test-disconnect terminals versions	
ZTR 2.5/4 AN	
ZTR 2.5...	
ZTR 2.5-2	

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
 - Integrated marking position on the strap
 - Slots into fuse holder either on the left or on the right

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

Technical data / Ordering data

For terminal type	G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI ¹⁾)						
	Size (mm)	Nom. current (A)	Type	Qty.	Order No.		
ZSI 2.5	5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0,7)	0.1	(F)	G 20/0.10A/F	10	0430300000	
ZSI 6-2 2 x 2.5/G20...		0.2	(F)	G 20/0.20A/F	10	0430400000	
ZSI 2.5 2 x 2 AN/G20...		0.25	(F)	G 20/0.25A/F	10	0430500000	
		0.5	(F)	G 20/0.50A/F	10	0430600000	
		0.63	(F)	G 20/0.63A/F	10	0439000000	
		1.0	(F)	G 20/1.00A/F	10	0430700000	
		1.6	(F)	G 20/1.60A/F	10	0430800000	
		2.0	(F)	G 20/2.00A/F	10	0430900000	
		2.5	(F)	G 20/2.50A/F	10	0431000000	
		3.15	(F)	G 20/3.15A/F	10	0431100000	
		4.0	(F)	G 20/4.00A/F	10	0431200000	
		5.0	(F)	G 20/5.00A/F	10	0431300000	
		6.3	(F)	G 20/6.30A/F	10	0431400000	
	(M) = medium-blow (F) = fast-blow						
	G-type cartridge fuses 5 x 25 with indicators to DIN 41576 ¹⁾)						
	5 x 25 w. ind. ¹⁾	Nom. current (A)	Type	Qty.	Order No.		
ZSI 2.5/ 5 x 25	5 x 25 w. ind. ¹⁾ breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	0.25	(M)	G 25/0.25A/M	10	0546900000	
ZSI 6-2 2 x 2.5/G25...		0.5	(M)	G 25/0.50A/M	10	0510300000	
ZSI 2.5 2 x 2 AN/G25...		0.8	(M)	G 25/0.80A/M	10	0646400000	
		1	(M)	G 25/1.00A/M	10	0265800000	
		10	(M) ²⁾	G 25/10.0A/M	10	0193100000	
		2	(F)	G 25/2.00A/F	10	0192700000	
		4	(F)	G 25/4.00A/F	10	0192800000	
		6.3	(F)	G 25/6.30A/F	10	0192900000	
		(M) = medium-blow (F) = fast-blow					
		Cartridge fuses 1¼" x ¼" without indicators to BS 88					
	333 kA break. cap., 33 kA fast-blow	Nom. current (A)	Type	Qty.	Order No.		
ZSI 2.5/2	333 kA break. cap., 33 kA fast-blow	0.5		GZ 0.5A/F	10	0533800000	
		E 0.5 A	1		GZ 1.0A/F	10	0525500000
		E 1 A	2		GZ 2.0A	10	0294500000
		E 2 A	3		GZ 3.0A	10	0295700000
		E 3 A	5		GZ 5.0A	10	0294600000
		E 5 A	7		GZ 7.0A	10	0295800000
		E 7 A	10		GZ 10.0A	10	0293900000
		E 10 A	12.5		GZ 12.5A FF	10	0245400000
	(M) = medium-blow (F) = fast-blow						

Note: ¹⁾ The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.

Accessories – other functions

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

For terminal type

ZS/6-2/ FC...



Technical data / Ordering data

Blade fuses to DIN 72581-3C	Average					
Rated voltage max. (V)	voltage drop (mV)	Nom. current (A)	Type	Qty.	Order No.	
32	300	0.5*	C 0,5 A/32 V BL	100	1814720000	
32	130	1	C 1 A/32 SW	100	1814730000	
32	120	2	C 2 A/32 V GR	100	1814740000	
32	100	3	C 3 A/32 V VI	100	1814750000	
32	100	4	C 4 A/32 V RS	100	1814760000	
32	120	5	C 5 A/32 V HBR	100	1814770000	
32	112	7.5	C 7,5 A/32 V BR	100	1814780000	
32	85	10	C 10 A/32 V RT	100	1814790000	
32	85	15	C 15 A/32 V HBL	100	1814800000	
32	80	20	C 23 A/32 V GE	100	1814810000	
32	82	25	C 25 A/32 V NAW/S	100	1814820000	
32	77	30	C 30 A/32 V HGN	100	1814830000	
32	84	35*	C 35 A/32 V GN	100	1814840000	
32	80	40*	C 40 A/32 V OR	100	1814850000	

Notes:

- According to DIN 72581-3C a blade fuse may only be operated with 80 % IN as a continuous load.
- Use fuses from Weidmüller with a low power loss/voltage drop!
- Please note the derating
- Do not insert or remove a fuse when the circuit is under load.
- Max. temperature of contacts: 130 °C
- Insulating material/Flammability class: Wemid/V0

*Fuses do not comply with DIN 72581-3C

The whole system must always be considered for 35/40 A fuses.

- ¹⁾ Do not exceed the voltage range of the fuse.
- ²⁾ Continuous current through fuse: max. 80 % IN
- ³⁾ Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

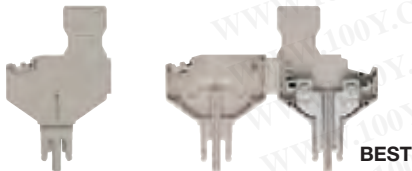
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

Type	Fitted with...	Qty.	Order No.
BEST	-	25	1833100000
BEST/DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000
for terminal type			
TR 2.5...			
ZTR 2.5-2			
ZDL 2.5/TR			
ZDL 2.5/SI			

Isolating plug

Isolating plug

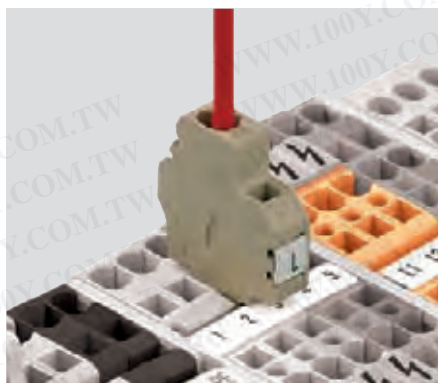


Ordering data

Type	Colour	Qty.	Order No.
TNST	yellow Wemid	25	1833090000
for terminal type			
ZTR 2.5...			
ZTR 2.5-2			
ZDL 2.5/TR			
ZDL 2.5/SI			

Accessories – other functions and colours

Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

1.5 mm²

ZDU 1.5	Colour	Qty.	Order No.
ZDU 1.5 OR	orange	100	1775500000
ZDU 1.5/3AN			
ZDU 1.5/3AN OR	orange	100	1775550000
ZDU 1.5/4AN			
ZDU 1.5/4AN OR	orange	100	1775610000

2.5 mm²

ZDU 2.5	Colour	Qty.	Order No.
ZDU 2.5 BR	brown	100	1683300000
ZDU 2.5 GE	yellow	100	1683270000
ZDU 2.5 GE/GN	yellow/green	100	1698780000
ZDU 2.5 GN	green	100	1683280000
ZDU 2.5 GR	grey	100	1683310000
ZDU 2.5 OR	orange	100	1636780000
ZDU 2.5 RT	red	100	1683260000
ZDU 2.5 SW	black	100	1683330000
ZDU 2.5 VI	violet	100	1683290000
ZDU 2.5 WS	white	100	1683320000

ZDU 2.5/3AN

ZDU 2.5/3AN GE	yellow	100	1683350000
ZDU 2.5/3AN GE/GN	yellow/green	100	1698790000
ZDU 2.5/3AN GN	green	100	1683360000
ZDU 2.5/3AN GR	grey	100	1683390000
ZDU 2.5/3AN OR	orange	100	1636790000
ZDU 2.5/3AN RT	red	100	1683340000
ZDU 2.5/3AN SW	black	100	1683410000
ZDU 2.5/3AN WS	white	100	1683400000

ZDU 2.5/4AN

ZDU 2.5/4AN BR	brown	100	1683460000
ZDU 2.5/4AN GE	yellow	100	1683430000
ZDU 2.5/4AN GE/GN	yellow/green	100	1692240000
ZDU 2.5/4AN GN	green	100	1683440000
ZDU 2.5/4AN GR	grey	100	1683470000
ZDU 2.5/4AN OR	orange	100	1636800000
ZDU 2.5/4AN RT	red	100	1683420000
ZDU 2.5/4AN SW	black	100	1683490000
ZDU 2.5/4AN WS	white	100	1683480000

ZDU 2.5 2X2AN

ZDU 2.5/2X2AN			1608600000
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ZDU 2.5-2

ZDU 2.5-2 OR	orange	100	1772080000
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ZDU 2.5-2/3AN

ZDU 2.5-2/3AN OR	orange	100	1706050000
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ZDU 2.5-2/4AN

ZDU 2.5-2/4AN OR	orange	100	1706080000
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ZTR 2.5

ZTR 2.5 OR	orange	100	8731680000
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ZTR 2.5/3AN

ZTR 2.5/3AN OR	orange	50	8731690000
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ZTR 2.5/4AN

ZTR 2.5/4AN OR	orange	100	7920940000
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ZTR 2.5-2

ZTR 2.5-2 OR	orange	100	1779130000
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ZDK 2.5

ZDK 2.5 OR	orange	50	1694140000
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ZDK 2.5-2

ZDK 2.5-2 OR	orange	50	1831260000
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Mini terminals

4 mm ²			
ZDU 4	Colour	Qty.	Order No.
ZDU 4 BR	brown	100	1683620000
ZDU 4 GE	yellow	100	1683590000
ZDU 4 GE/GN	yellow/green	100	1698770000
ZDU 4 GN	green	100	1683600000
ZDU 4 GR	grey	100	1683630000
ZDU 4 OR	orange	100	1636830000
ZDU 4 RT	red	100	1683580000
ZDU 4 SW	black	100	1683650000
ZDU 4 VI	violet	100	1683610000
ZDU 4 WS	white	100	1683640000
ZDU 4-2/2AN			
ZDU 4-2/2AN OR	orange	100	1770850000
ZDU 4-2/3AN			
ZDU 4-2/3AN OR	orange	100	1770870000
ZDU 4-2/4AN			
ZDU 4-2/4AN OR	orange	100	1807000000

16 mm ²			
ZDU 16	Colour	Qty.	Order No.
ZDU 16 OR	orange	25	1830680000

2.5 mm ²			
ZDUA 2.5-2	Colour	Qty.	Order No.
ZDUA 2.5-2 OR	orange	100	1720940000
ZDUB 2.5-2/2AN			
ZDUB 2.5-2/2AN/DB OR	orange	100	1704520000
ZDUB 2.5-2/2AN/DM OR	orange	100	1704370000
ZDUB 2.5-2/4AN			
ZDUB 2.5-2/4AN/DM OR	orange	100	1704560000

6 mm ²			
ZDU 6	Colour	Qty.	Order No.
ZDU 6 GE/GN	yellow/green	50	1698800000
ZDU 6 OR	orange	50	1636820000
ZDU 6 RT	red	50	1830420000
ZDU 6-2/2AN			
ZDU 6-2/2AN OR	orange	50	1771400000
ZDU 6-2/3AN			
ZDU 6-2/3AN OR	orange	50	1771430000

35 mm ²			
ZDU 35	Colour	Qty.	Order No.
ZDU 35 OR	orange	10	1830760000

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

10 mm ²			
ZDU 10	Colour	Qty.	Order No.
ZDU 10 OR	orange	25	1830610000