

WT 2.5**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

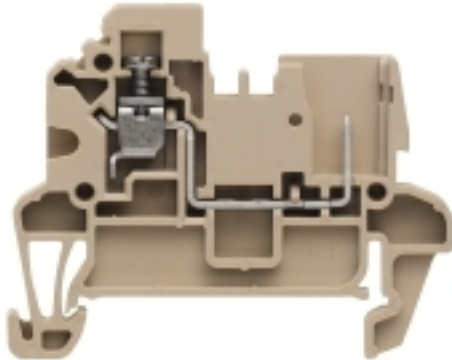
32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Product image

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

Order No.	1305330000
Type	WT 2.5
GTIN (EAN)	4050118104585
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	40 mm	Depth (inches)	1.575 inch
Height	50.5 mm	Height (inches)	1.988 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	6.26 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	1 plug-in connection - 1 plug-in connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	1
Number of potentials per tier	1	PE connection	No
Rail	TS 35		

Additional technical data

Open sides	right	Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-70001233	Current size B (CSA)	20 A
Current size C (CSA)	20 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	16 AWG		

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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	1	Stripping length	7 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Type of connection	Screw connection	Type of connection 2	Plug-in connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 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, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-1, IEC 61984
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated current	24 A	Current at maximum wires	27 A
Standards	IEC 60947-7-1, IEC 61984	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

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Data sheet

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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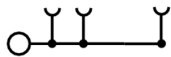
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Drawings



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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 PrintJet CONNECT oder/or Plotter is possible.

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

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 10/5 MC NE WS	Version
Order No.	1635000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 pc(s).	

2.5 mm²



The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

General ordering data

Type	ZP 2.5/1AN/1	Version
Order No.	1815430000	Z-series, Plug-in connector, dark beige, Direct mounting
GTIN (EAN)	4032248370238	
Qty.	50 pc(s).	
Type	ZP 2.5/1AN/QV	Version
Order No.	1007900000	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248711277	
Qty.	50 pc(s).	
Type	ZP 2.5/1AN/QV/10	Version
Order No.	1815280000	Z-series, Plug-in connector, dark beige, Direct mounting
GTIN (EAN)	4032248342563	
Qty.	20 pc(s).	

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Accessories

Type	ZP 2.5/1AN/10	Version	
Order No.	1815560000		Z-series, Plug-in connector, dark beige, Direct mounting
GTIN (EAN)	4032248342624		info@weidmueller.com
Qty.	20 pc(s).		www.weidmueller.com

Locking elements

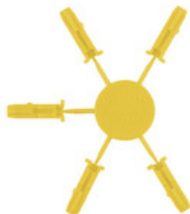


The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

General ordering data

Type	ZVR ZP2.5	Version	
Order No.	1816130000		Z-series, Locking clips, yellow, 3.9 mm
GTIN (EAN)	4032248370702		
Qty.	25 pc(s).		

Coding elements



Through the use of coding pins, individual coding options ensure trouble-free plug-in connection.

General ordering data

Type	KOSF ZT2.5	Version	
Order No.	1816150000		Z-series, Coding element, yellow, 2.9 mm
GTIN (EAN)	4032248370726		
Qty.	50 pc(s).		

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Accessories

Strain reliefs

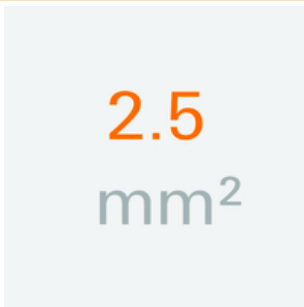


The strain relief protects the connector against mechanical stress and protects the connector against inadvertent release from the contact point.

General ordering data

Type	ZZE ZP2.5	Version
Order No.	1816140000	Z-series, Strain relief, yellow, 9.9 mm
GTIN (EAN)	4032248370719	
Qty.	25 pc(s).	

2.5 mm²



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	WAP WDT 2.5 AT	Version
Order No.	1305250000	W-Series, End plate
GTIN (EAN)	4050118104486	
Qty.	50 pc(s).	

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Accessories

Slotted screwdriver

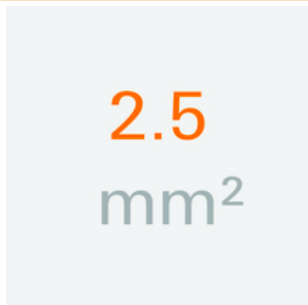


Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version	
Order No.	9008330000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056286		
Qty.	1 pc(s).		

2.5 mm²



The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 2.5N/5
Order No.	1527620000
GTIN (EAN)	4050118448436
Qty.	20 pc(s).
Type	ZQV 2.5N/20 RD
Order No.	2108920000
GTIN (EAN)	4050118485899
Qty.	20 pc(s).
Type	ZQV 2.5N/3
Order No.	1527570000
GTIN (EAN)	4050118448450
Qty.	60 pc(s).
Type	ZQV 2.5N/4
Order No.	1527590000
GTIN (EAN)	4050118448443
Qty.	60 pc(s).
Type	ZQV 2.5N/2 BL
Order No.	1527740000
GTIN (EAN)	4050118448658
Qty.	60 pc(s).

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Accessories

Type ZQV 2.5N/5 RD
 Order No. [2108710000](#)
 GTIN (EAN) 4050118448511
 Qty. 20 pc(s).

Type ZQV 2.5N/6
 Order No. [1527630000](#)
 GTIN (EAN) 4050118448429
 Qty. 20 pc(s).

Type ZQV 2.5N/20 BL
 Order No. [1527890000](#)
 GTIN (EAN) 4050118448566
 Qty. 20 pc(s).

Type ZQV 2.5N/4 RD
 Order No. [2108700000](#)
 GTIN (EAN) 4050118448528
 Qty. 60 pc(s).

Type ZQV 2.5N/9 RD
 Order No. [2108900000](#)
 GTIN (EAN) 4050118448474
 Qty. 20 pc(s).

Type ZQV 2.5N/6 BL
 Order No. [1527820000](#)
 GTIN (EAN) 4050118448610
 Qty. 20 pc(s).

Type ZQV 2.5N/7 BL
 Order No. [1527830000](#)
 GTIN (EAN) 4050118448603
 Qty. 20 pc(s).

Type ZQV 2.5N/9
 Order No. [1527680000](#)
 GTIN (EAN) 4050118447996
 Qty. 20 pc(s).

Type ZQV 2.5N/10 BL
 Order No. [1527880000](#)
 GTIN (EAN) 4050118448573
 Qty. 20 pc(s).

Type ZQV 2.5N/6 RD
 Order No. [2108720000](#)
 GTIN (EAN) 4050118448504
 Qty. 20 pc(s).

Type ZQV 2.5N/20
 Order No. [1527720000](#)
 GTIN (EAN) 4050118447972
 Qty. 20 pc(s).

Type ZQV 2.5N/7 RD
 Order No. [2108810000](#)
 GTIN (EAN) 4050118448498
 Qty. 20 pc(s).

Type ZQV 2.5N/4 BL
 Order No. [1527780000](#)
 GTIN (EAN) 4050118448634
 Qty. 60 pc(s).

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Accessories

Type ZQV 2.5N/8 BL
 Order No. [1527840000](#)
 GTIN (EAN) 4050118448597
 Qty. 20 pc(s).

Type ZQV 2.5N/3 BL
 Order No. [1527770000](#)
 GTIN (EAN) 4050118448641
 Qty. 60 pc(s).

Type ZQV 2.5N/50 RD
 Order No. [2109000000](#)
 GTIN (EAN) 4050118486001
 Qty. 5 pc(s).

Type ZQV 2.5N/2 RD
 Order No. [2108470000](#)
 GTIN (EAN) 4050118448542
 Qty. 60 pc(s).

Type ZQV 2.5N/9 BL
 Order No. [1527870000](#)
 GTIN (EAN) 4050118448580
 Qty. 20 pc(s).

Type ZQV 2.5N/50
 Order No. [1527730000](#)
 GTIN (EAN) 4050118411362
 Qty. 5 pc(s).

Type ZQV 2.5N/8
 Order No. [1527670000](#)
 GTIN (EAN) 4050118448405
 Qty. 20 pc(s).

Type ZQV 2.5N/5 BL
 Order No. [1527790000](#)
 GTIN (EAN) 4050118448627
 Qty. 20 pc(s).

Type ZQV 2.5N/8 RD
 Order No. [2108870000](#)
 GTIN (EAN) 4050118448481
 Qty. 20 pc(s).

Type ZQV 2.5N/2
 Order No. [1527540000](#)
 GTIN (EAN) 4050118448467
 Qty. 60 pc(s).

Type ZQV 2.5N/3 RD
 Order No. [2108690000](#)
 GTIN (EAN) 4050118448535
 Qty. 60 pc(s).

Type ZQV 2.5N/7
 Order No. [1527640000](#)
 GTIN (EAN) 4050118448412
 Qty. 20 pc(s).

Type ZQV 2.5N/10
 Order No. [1527690000](#)
 GTIN (EAN) 4050118447989
 Qty. 20 pc(s).

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Accessories

Type ZQV 2.5N/50 BL
 Order No. [1527920000](#)
 GTIN (EAN) 4050118448559
 Qty. 5 pc(s).

Type ZQV 2.5N/10 RD
 Order No. [2108910000](#)
 GTIN (EAN) 4050118486018
 Qty. 20 pc(s).

Blank



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

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

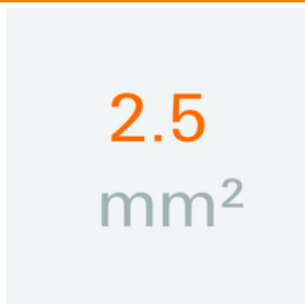
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1,000 pc(s).		

2.5 mm²



The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 2.5N/5 GE	Version	
Order No.	1693830000	Z-series, Cross-connector, 24 A	
GTIN (EAN)	4008190883669		
Qty.	20 pc(s).		

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Accessories

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Type	ZQV 2.5N/9 GE	Version
Order No.	1693870000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883706	
Qty.	20 pc(s).	
Type	ZQV 2.5N/7 GE	Version
Order No.	1693850000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883683	
Qty.	20 pc(s).	
Type	ZQV 2.5N/6 GE	Version
Order No.	1693840000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883676	
Qty.	20 pc(s).	
Type	ZQV 2.5N/3 GE	Version
Order No.	1693810000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883645	
Qty.	60 pc(s).	
Type	ZQV 2.5N/4 GE	Version
Order No.	1693820000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883652	
Qty.	60 pc(s).	
Type	ZQV 2.5N/2 GE	Version
Order No.	1693800000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883621	
Qty.	60 pc(s).	
Type	ZQV 2.5N/10 GE	Version
Order No.	1693880000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883720	
Qty.	20 pc(s).	
Type	ZQV 2.5N/8 GE	Version
Order No.	1693860000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190883690	
Qty.	20 pc(s).	
Type	ZQV 2.5N/20 GE	Version
Order No.	1909000000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4032248535613	
Qty.	20 pc(s).	

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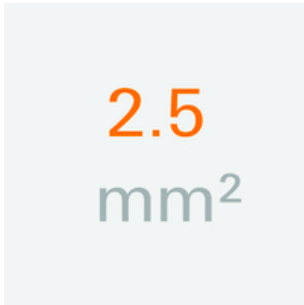
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Accessories

2.5 mm²



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General ordering data

Type WP 2.5/1AN/10
 Order No. [1305280000](#)
 GTIN (EAN) 4050118104530
 Qty. 50 pc(s).

Type WP 2.5/1AN/1
 Order No. [1305270000](#)
 GTIN (EAN) 4050118104547
 Qty. 50 pc(s).

W-Series



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	WEW 35/2	Version	
Order No.	1061200000	W-Series, End bracket	
GTIN (EAN)	4008190030230		
Qty.	50 pc(s).		

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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