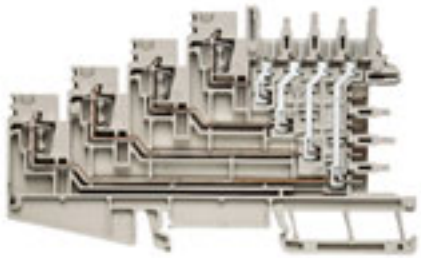
ZRV 2.5/2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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

Version	Z-series, Feed-through terminal, Multi-tier modular terminal, Rated cross-section: 2.5 mm², Tension-clamp connection, dark beige
Order No.	1906970000
Type	ZRV 2.5/2
GTIN (EAN)	4032248530731
Qty.	50 pc(s).

ZRV 2.5/2

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Technical data

Dimensions and weights

Depth	69.5 mm	Depth (inches)	2.736 inch
Depth including DIN rail	70 mm	Height	115 mm
Height (inches)	4.528 inch	Width	5.2 mm
Width (inches)	0.205 inch	Net weight	27.81 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	4 tension-clamp connections - 4 plug-in connections, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	4	Number of clamping points per level	2
PE connection	No	Rail	TS 35

Additional technical data

Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1787465	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm²
Clamping range, min.	0.21 mm²
Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.5 mm²
Connection direction	on side, top
Gauge to IEC 60947-1	A2
Number of connections	16
Stripping length	10 mm

ZRV 2.5/2

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Technical data

Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	nominal	0.5 mm²
	Tube length	min.	6 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	0.75 mm²
	Tube length	min.	6 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	1 mm²
	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	1.5 mm²
	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	2.5 mm²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	0.5 mm²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1 mm²
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	1.5 mm²
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	2.5 mm²

Twin wire-end ferrules, max.	1.5 mm²
Twin wire-end ferrules, min.	0.5 mm²
Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

TS 35 offset	60.5 mm

General

Rail	TS 35	Standards	IEC 61984, In accordance with IEC 60947-7-1

Creation date March 12, 2024 6:07:10 PM CET

ZRV 2.5/2

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Technical data

Rating data

Rated cross-section	2.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Rated current	10 A
Current at maximum wires	10 A	Standards	IEC 61984, In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	4 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)	14 AWG
Conductor size Factory wiring min. (cURus)	24 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	24 AWG	Current size B (cURus)	10 A
Current size C (cURus)	10 A	Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V	Wire cross section max. (cURus)	14 AWG
Wire cross section min. (cURus)	24 AWG		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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	ECLASS 13.0	27-25-01-02

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

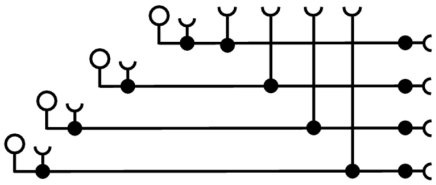
Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

ZRV 2.5/2

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Drawings



ZRV 2.5/2

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Accessories

Plug housing



Our plug housings provides the possibility of individual configurations of plugs. Crimp contacts on the wires are used as plug contact for a safe connection to the terminal block.

General ordering data

Type	STGH O.ZA/O.R/SW ZRV2.5	Version
Order No.	1898430000	Z-series, Plug housing, 5.15 mm, black, black, Plug
GTIN (EAN)	4032248517626	
Qty.	25 pc(s).	
Type	BST 4 ZRV2.5	Version
Order No.	1906990000	Z-series, Multi-tier modular terminal, 20.8 mm, dark beige
GTIN (EAN)	4032248530755	
Qty.	25 pc(s).	
Type	STGH O.ZA ZRV2.5	Version
Order No.	1907010000	Z-series, Plug housing, 5.15 mm, dark beige, dark beige, Direct
GTIN (EAN)	4032248530779	mounting
Qty.	50 pc(s).	
Type	STGH O.R/SW ZRV2.5	Version
Order No.	1898420000	Z-series, Plug housing, 5.15 mm, black, black, Direct mounting
GTIN (EAN)	4032248517619	
Qty.	25 pc(s).	
Type	STGH ZRV2.5	Version
Order No.	1907000000	Z-series, Plug housing, 5.15 mm, dark beige, dark beige, Direct
GTIN (EAN)	4032248530762	mounting
Qty.	50 pc(s).	

Strain reliefs



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

General ordering data

Type	ZE ZRV2.5	Version
Order No.	2318670000	Z-series, Multi-tier modular terminal, 5 mm, black, black, Direct
GTIN (EAN)	4032248546640	mounting
Qty.	25 pc(s).	

ZRV 2.5/2

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Accessories

Miscellaneous

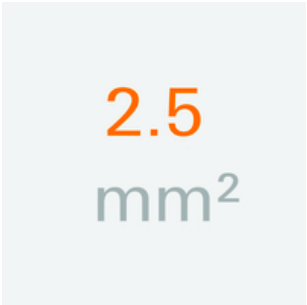


We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

General ordering data

Type	FEKO ET ZRV2.5 0.5-1	Version	Packaging
Order No.	1893970000	Z-series, Crimp contact, 4.15 mm, silver, Direct mounting	Multipack bag
GTIN (EAN)	4032248508198		
Qty.	500 pc(s).		
Type	FEKO ZRV2.5 0.2-0.35	Version	Packaging
Order No.	1854750000	Z-series, Crimp contact, 4.15 mm, silver, Direct mounting	Multipack bag
GTIN (EAN)	4032248401321		
Qty.	5,000 pc(s).		
Type	FEKO ZRV2.5 1.5-2.5	Version	Packaging
Order No.	1848480000	Z-series, Crimp contact, 4.15 mm, silver, Direct mounting	Multipack bag
GTIN (EAN)	4032248390649		
Qty.	4,200 pc(s).		
Type	FEKO ET ZRV2.5 1.5-2.5	Version	Packaging
Order No.	1893990000	Z-series, Crimp contact, 4.15 mm, silver, Direct mounting	Multipack bag
GTIN (EAN)	4032248508211		
Qty.	500 pc(s).		
Type	FEKO ZRV2.5 0.5-1	Version	Packaging
Order No.	1854760000	Z-series, Crimp contact, 4.15 mm, silver, Direct mounting	Multipack bag
GTIN (EAN)	4032248401314		
Qty.	5,000 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	AP ZRV2.5	Version
Order No.	1906980000	Z-series, End plate, 5.1 mm, dark beige, dark beige, Direct mounting
GTIN (EAN)	4032248530748	
Qty.	10 pc(s).	

ZRV 2.5/2

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Accessories

Contact removal tools

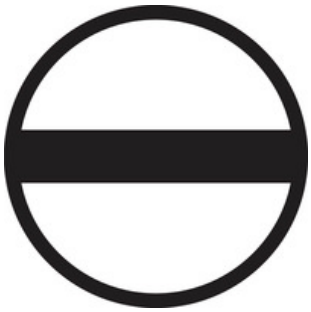


Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

Type	REMOVAL TOOL AFK	Version
Order No.	1866760000	Z-series, Mounting tool
GTIN (EAN)	4032248438877	
Qty.	1 pc(s).	

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SLIM 0.6X3.5X100	Version
Order No.	2749610000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 pc(s).	

ZRV 2.5/2

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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 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

WS 12/5



WS/ DEK
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.
Your benefits with MultiMark

• Firm hold and durable printing
• Continuous strips save installation time
• Easy mounting thanks to an innovative composite material
• Large label field for optimal legibility
• High flexibility thanks to manufacturer independence

General ordering data

Type	WS 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

ZRV 2.5/2

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Accessories

... for Weidmüller DFF and ZRV contacts



Crimping tools for for turned/stamped contact
- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

General ordering data

Type	HTF ZRV	Version
Order No.	9014840000	Pressing tool, Crimping tool for contacts, 0.2mm², 1mm², FoderBcrimp
GTIN (EAN)	4008190949969	
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 2.5/10	Version
Order No.	1608940000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190099060	
Qty.	20 pc(s).	
Type	ZQV 2.5/50	Version
Order No.	1697540000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190883256	
Qty.	10 pc(s).	
Type	ZQV 2.5/3	Version
Order No.	1608870000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061630	
Qty.	60 pc(s).	
Type	ZQV 2.5/4	Version
Order No.	1608880000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190082208	
Qty.	60 pc(s).	
Type	ZQV 2.5/6	Version
Order No.	1608900000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190149840	
Qty.	20 pc(s).	

ZRV 2.5/2

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Accessories

Type	ZQV 2.5/7	Version
Order No.	1608910000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190159665	
Qty.	20 pc(s).	
Type	ZQV 2.5/9	Version
Order No.	1608930000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190117009	
Qty.	20 pc(s).	
Type	ZQV 2.5/5	Version
Order No.	1608890000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190065713	
Qty.	20 pc(s).	
Type	ZQV 2.5/8	Version
Order No.	1608920000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061531	
Qty.	20 pc(s).	
Type	ZQV 2.5/2	Version
Order No.	1608860000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190123680	
Qty.	60 pc(s).	
Type	ZQV 2.5/20	Version
Order No.	1908960000	Z-series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535293	
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).	

ZRV 2.5/2

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Accessories

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	