

## ZRV 2.5/2

**Weidmüller Interface GmbH & Co. KG**

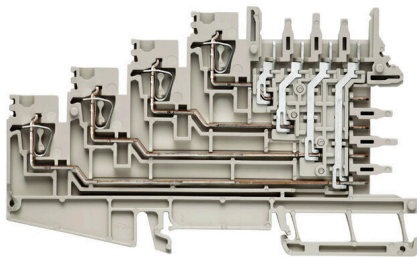
Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 mm <sup>2</sup> , Tension-clamp connection, dark beige
Order No.	<a href="#">1906970000</a>
Type	ZRV 2.5/2
GTIN (EAN)	403224853073 1
Qty.	50 items

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

### Dimensions and weights

Depth	69.5 mm	Depth (inches)	2.7362 inch
Depth including DIN rail	70 mm	Height	115 mm
Height (inches)	4.5275 inch	Width	5.2 mm
Width (inches)	0.2047 inch	Net weight	27.81 g

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

### Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

### Material data

Basic 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 potentials	4	Number of levels	4
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35

### Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
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### CSA rating data

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

### Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

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### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2		
Wire connection cross section AWG, max.	AWG 12		
Connection direction	on side, top		
Stripping length	10 mm		
Type of connection 2	Tension-clamp connection		
Type of connection	Tension-clamp connection		
Number of connections	16		
Clamping range, max.	4 mm <sup>2</sup>		
Clamping range, min.	0.21 mm <sup>2</sup>		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 30		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.21 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.21 mm <sup>2</sup>		
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.21 mm <sup>2</sup>		
Connection cross-section, stranded, max.	4 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.21 mm <sup>2</sup>		
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.21 mm <sup>2</sup>		
Connection cross-section, finely stranded, min.	0.21 mm <sup>2</sup>		
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 mm <sup>2</sup>
		Tube length	min.
		max.	12 mm
		Cross-section for conductor connection	nominal
	Tube length		min.
			max.
	Cross-section for conductor connection		nominal
		Tube length	min.
			max.
		Cross-section for conductor connection	nominal
Tube length	min.		8 mm
		max.	12 mm
Cross-section for conductor connection		nominal	2.5 mm <sup>2</sup>
	Tube length	nominal	10 mm
Cross-section for conductor connection		nominal	0.5 mm <sup>2</sup>
	Tube length	nominal	10 mm

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Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>
Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1 mm <sup>2</sup>
Tube length	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>
Tube length	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	2.5 mm <sup>2</sup>

### Dimensions

TS 35 offset 60.5 mm

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 61984, In accordance with IEC 60947-7-1	Mounting rail	TS 35

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	250 V
Rated DC voltage	250 V	Nominal 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

Conductor size Factory wiring max. (cURus)	14 AWG	Voltage size B (cURus)	300 V
Wire cross section max. (cURus)	14 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	24 AWG	Conductor size Field wiring min. (cURus)	24 AWG
Conductor size Factory wiring min. (cURus)	24 AWG	Current size B (cURus)	10 A
Voltage size C (cURus)	300 V	Current size C (cURus)	10 A
Conductor size Field wiring max. (cURus)	14 AWG		

### Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

**Drawings**

