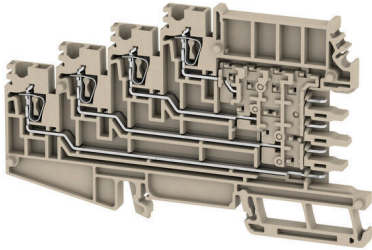


ZRV 2.5/1

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 mm ² , Tension-clamp connection
Order No.	1906960000
Type	ZRV 2.5/1
GTIN (EAN)	4032248530717
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	22.86 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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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Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12
Connection direction	top
Stripping length	10 mm

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Technical data

Type of connection 2	Tension-clamp connection		
Type of connection	Tension-clamp connection		
Number of connections	8		
Clamping range, max.	4 mm ²		
Clamping range, min.	0.5 mm ²		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 26		
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, 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, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	4 mm ²		
Connection cross-section, stranded, 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		
Connection cross-section, finely stranded, min.	0.5 mm ²		
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 ²
		min.	6 mm
	Tube length	max.	12 mm
		Cross-section for conductor connection	nominal
	min.		6 mm
	Tube length	max.	12 mm
		Cross-section for conductor connection	nominal
	min.		8 mm
	Tube length	max.	12 mm
		Cross-section for conductor connection	nominal
min.	8 mm		
Tube length	max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1		Tube length	nominal
	Cross-section for conductor connection		nominal
		Tube length	nominal
	Cross-section for conductor connection		nominal
		Tube length	nominal
	Cross-section for conductor connection		nominal
		Tube length	min.
	max.		12 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
		min.	10 mm
	Tube length	max.	12 mm
		Cross-section for conductor connection	nominal

ZRV 2.5/1

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Technical data

Dimensions

TS 35 offset 59 mm

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 61984, In accordance with IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	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

