

**Z-series  
ZVL 1.5 BR**

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The basis for this modular system is the side-by-side mounting of the individual modules of the distribution strips with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations.

**General ordering data**

Type	ZVL 1.5 BR
Order No.	<a href="#">1650370000</a>
Version	Z-series, Plug-in connector, Rated cross-section: 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Brown
GTIN (EAN)	4008190297558
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	12.9 mm	Width	5.08 mm
Height	17.45 mm	Height of lowest version	17.45 mm
Net weight	1.24 g		

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Plugged	Version	Plug-in connector, Tension-clamp connection, pluggable

### CSA ratings data

Certificate No. (CSA)	200039-1068678	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	7 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	1	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	2.5 mm <sup>2</sup>	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14

### Dimensions

TS 35 offset	10 mm
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## Technische Daten

### Rated data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	250 V
Rated impulse withstand voltage	4 kV	Rated current	17.5 A
Standards	IEC 60947-7-1	Pollution severity	3

### UL ratings data

Certificate No. (UR)	E60693	Voltage size D (UR)	300 V
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 AWG

### Material data

Insulating material	Wemid	Material	Wemid
Colour	Brown	UL 94 flammability rating	V-0

### System specifications

Product family	Z-series	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	1	Levels cross-connected internally	No
Mounting rail	TS 35	End cover plate required	Yes

### Classifications

ETIM 3.0	EC000900	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-28	eClass 6.2	27-14-11-28
eClass 7.1	27-14-11-28		

### Product information

Descriptive text ordering data	ZVL 1.5 O.QV = distribution strip without internal bridge for park position.
Descriptive text accessories	Integrated cross-connectors. Distribution strip for base element ZPV 1.5 Order no. 1676630000

### Approvals

Approvals



ROHS Conform

### Downloads

STEP	<a href="#">1650370000_21989_ZVL_1.5_BR_STP.stp</a>
3D Modell	