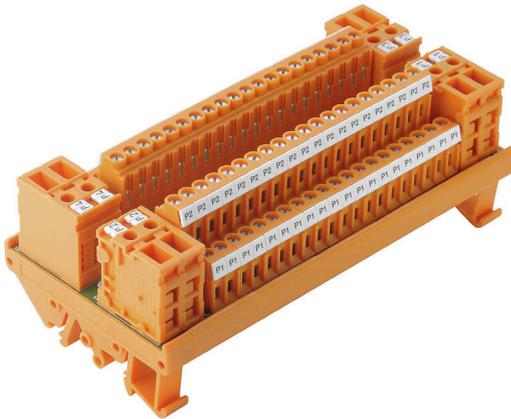


## RS VERT 4P 20X4 Z

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

[www.weidmueller.com](http://www.weidmueller.com)



Similar to illustration

Distributor module with 4 voltage potentials (P1,P2,P3,P4) in 20P1,20P2,20P3 and 20P4 for tension-clamp or screw connection.

### General ordering data

Version	Interface, RS VERT, 4 P, Tension-clamp connection
Order No.	<a href="#">1128110000</a>
Type	RS VERT 4P 20X4 Z
GTIN (EAN)	4032248909650
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E141197

### Dimensions and weights

Depth	52 mm	Depth (inches)	2.0472 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	145 mm	Width (inches)	5.7086 inch
Net weight	220 g		

### Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Rated data UL

Total operating current acc. to UL	40 A	Operating temperature UL, min.	-25 °C
Operating temperature UL, max.	50 °C	Maximum current per potential connection acc. to UL	10 A
Maximum current per distributor connection acc. to UL	10 A	Rated current I <sub>max</sub>	11 A
Rated voltage UN	300 V		

### Connection data

Number of potentials	4	Distribution PCB connectors	LM2NZF 5.08mm
Supply plug-in connectors	TOP 1.5GS2/180		

### Rating data

Rated voltage	< 600 V AC	Operating voltage	<600 V AC
Maximum current per potential connection	30 A	Maximum current per distributor connection	15 A
Total operating current	120 A		

### Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	<600 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	6 kV	Insulation test voltage AC	1.65 kV

### Connection field

Min. wire cross-section, AWG	AWG 24	Type of connection	Tension-clamp connection
Sleeve with plastic collar, max.	1.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.25 mm <sup>2</sup>

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Flexible with sleeve, max.	1.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>	Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>	Stripping length	7.5 mm
Clamping range, max.	2.5 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 14		

## Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	4 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Ferrule with plastic collar, max.	4 mm <sup>2</sup>
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 10
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	13 mm		

## Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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Drawings

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