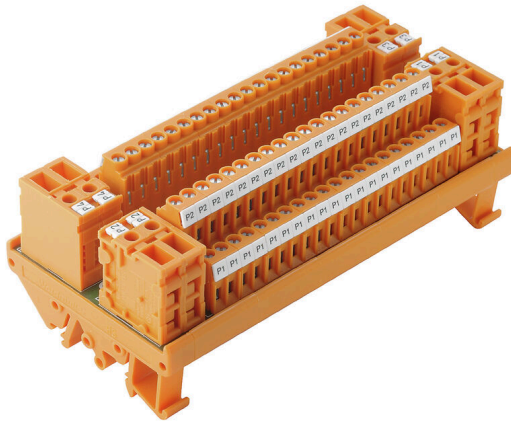


RS VERT 4P 20X4 S

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

www.weidmueller.com



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, Screw connection
Order No.	1128100000
Type	RS VERT 4P 20X4 S
GTIN (EAN)	4032248909735
Qty.	1 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

Dimensions and weights

Depth	55 mm	Depth (inches)	2.1654 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	145 mm	Width (inches)	5.7086 inch
Net weight	291.61 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 _{max}	11 A
Rated voltage UN	300 V		

Connection data

Number of potentials	4	Distribution PCB connectors	LL2N 5.08 mm
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 26	Type of connection	Screw connection
Sleeve with plastic collar, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²

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Flexible with sleeve, max.	2.5 mm ²	Flexible, max. H05(07) V-K	4 mm ²
Flexible, min. H05(07) V-K	0.5 mm ²	Solid, max. H05(07) V-U	6 mm ²
Solid, min. H05(07) V-U	0.5 mm ²	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Clamping range, max.	6 mm ²	Clamping range, min.	0.13 mm ²
Max. wire cross-section, AWG	AWG 12		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	4 mm ²
Flexible with sleeve, min.	0.5 mm ²	Ferrule with plastic collar, max.	4 mm ²
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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