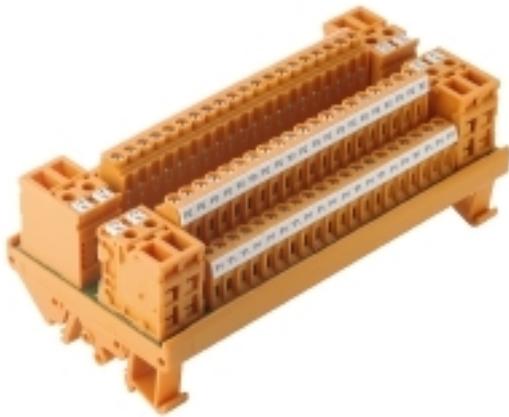


RS VERT 4P 20X4 S**Weidmüller Interface GmbH & Co. KG**

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 pc(s).

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Technical data

Dimensions and weights

Depth	55 mm	Depth (inches)	2.165 inch
Height	70 mm	Height (inches)	2.756 inch
Width	145 mm	Width (inches)	5.709 inch
Net weight	291.614 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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Rated data UL

Maximum current per distributor connection acc. to UL	10 A	Maximum current per potential connection acc. to UL	10 A
Operating temperature UL, max.	50 °C	Operating temperature UL, min.	-25 °C
Total operating current acc. to UL	40 A	Rated current I _{max}	11 A
Rated voltage U _N	300 V		

Connection data

Distribution PCB connectors	LL2N 5.08 mm	Number of potentials	4
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

Clamping range, max.	6 mm ²	Clamping range, min.	0.13 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 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
Type of connection	Screw connection		

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Technical data**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 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 9.0	27-14-11-52
ECLASS 9.1	27-14-11-52	ECLASS 10.0	27-14-11-52
ECLASS 11.0	27-14-11-52	ECLASS 12.0	27-14-11-52
ECLASS 13.0	27-14-11-52	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	20211027 Technical change to RS VERT interfaces Technical change for RS VERT Modules
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

