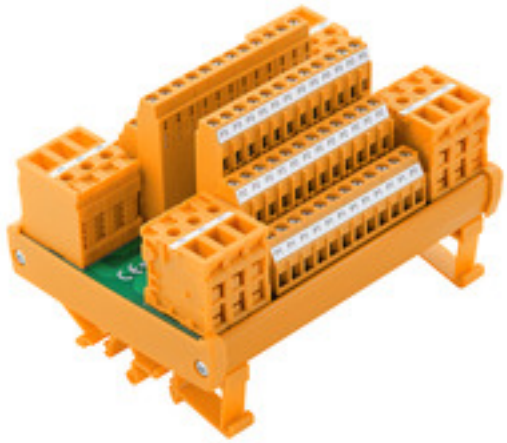
RS VERT 6P 12X6 S

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

www.weidmueller.com



Distributor module with 6 voltage potentials (P1,P2,P3,P4,P5,P6) in 12P1,12P2,12P3 ,12P4,12P5 and 12P6 for tension-clamp or screw connection.

General ordering data

Version	Interface, RS VERT, 6 P, Screw connection
Order No.	1128120000
Type	RS VERT 6P 12X6 S
GTIN (EAN)	4032248909582
Qty.	1 pc(s).

RS VERT 6P 12X6 S

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

www.weidmueller.com

Technical data

Dimensions and weights

Depth	83 mm	Depth (inches)	3.268 inch
Height	87 mm	Height (inches)	3.425 inch
Width	122 mm	Width (inches)	4.803 inch
Net weight	368.461 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C

Connection data

Distribution PCB connectors	LL3R 5.08 mm	Number of potentials	6
Supply plug-in connectors	TOP 1.5GS2/180		

Rating data

Rated voltage	250 V AC	Operating voltage	250 V AC
Maximum current per potential connection	20 A	Maximum current per distributor connection	15 A
Total operating current	120 A		

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 300 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	4 kV	Insulation test voltage AC	1.2 kV

Connection field

Clamping range, max.	6 mm²	Clamping range, min.	0.13 mm²
Flexible with sleeve, max.	2.5 mm²	Flexible with sleeve, min.	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm²	Solid, max. H05(07) V-U	6 mm²
Solid, min. H05(07) V-U	0.5 mm²	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Screw connection		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²	Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	6 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²	Flexible with sleeve, max.	4 mm²
Flexible with sleeve, min.	0.5 mm²	Ferrule with plastic collar, max.	4 mm²
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		

RS VERT 6P 12X6 S

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

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3820ceea-2b49-4a61-bda5-08f3867b3419

Approvals

Approvals	
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	

RS VERT 6P 12X6 S

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

www.weidmueller.com

Drawings

