

RS VERT
RS VERT8 LPK2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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www.weidmueller.com



Distributor module with 2 each of 8-, 16- or 72-pole
voltage potentials (P1, P2).

General ordering data

Type	RS VERT8 LPK2
Order No.	8252010000
Version	Interface, RS VERT, 2 P, Screw connection
GTIN (EAN)	4008190474799
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	51.5 mm	Length (inches)	2.028 inch
Width	45 mm	Width (inches)	1.772 inch
Height	64 mm	Height (inches)	2.52 inch
Net weight	67.98 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	0 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	0...55 °C	Storage temperature	-40...60 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection data

Number of potentials	2	Distribution PCB connectors	LPK 2N 5.08mm
Supply plug-in connectors	LPA 5.08mm		

Rating data

Rated voltage (text)	Max. 30 V	Maximum current per potential connection	5 A
Maximum current per distributor connection	5 A	Total operating current	10 A

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 50 V AC
Surge voltage category	III	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.8 kV		

Connection field

Type of connection	Screw connection	Clamping range, min.	0.15 mm ²
Clamping range, max.	1.5 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.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Supply connection

Type of connection	Screw connection	Clamping range, min.	0.15 mm ²
Clamping range, max.	1.5 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		

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Technical data**Classifications**

ETIM 3.0	EC001419	ETIM 4.0	EC001419
ETIM 5.0	EC001419	ETIM 6.0	EC002780
UNSPSC	30-21-18-01	eClass 5.1	27-24-22-04
eClass 6.2	27-24-22-04	eClass 7.1	27-14-11-52
eClass 8.1	27-14-11-52	eClass 9.0	27-14-11-52
eClass 9.1	27-14-11-52		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	K320_01_11.pdf
Engineering Data	WSCAD

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Drawings

