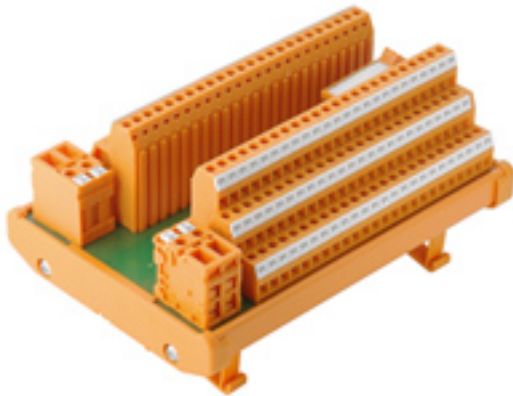


**RS VERT
RS LPK3/144 VERT**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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

General ordering data

Type	RS LPK3/144 VERT
Order No.	8199510000
Version	Interface, RS VERT, 2 P, Screw connection
GTIN (EAN)	4008190854041
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	160 mm	Width	109 mm
Height	68 mm	Net weight	570 g

Temperatures

Operating temperature	0...+55°C	Storage temperature	-40...+60 °C
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Connection data

Number of potentials	2	Distribution PCB connectors	LPK 3 5.08mm
Supply plug-in connectors	TOP 1.5GS2/180		

Rating data

Rated voltage (text)	≤ 250 Vdc ≤ 250 Vac	Maximum current per potential connection	10 A
Maximum current per distributor connection	10 A	Total operating current	20 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		

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 [field]	AWG 26	Max. wire cross-section, AWG [field]	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.	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 3.0	EC001419	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-04	eClass 6.2	27-24-22-04
eClass 7.1	27-24-22-04		

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

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Drawings

