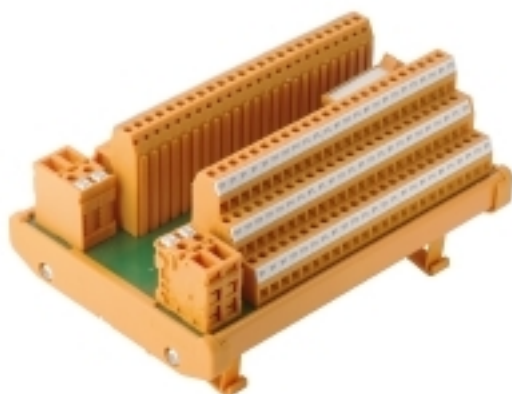


RS LPK3/144 VERT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

General ordering data

Version	Interface, RS VERT, 2 P, Screw connection
Order No.	8199510000
Type	RS LPK3/144 VERT
GTIN (EAN)	4008190854041
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2020-12-30

Creation date March 29, 2021 10:44:41 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

RS LPK3/144 VERT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Height	68 mm	Height (inches)	2.677 inch
Length	160 mm	Length (inches)	6.299 inch
Net weight	570 g	Width	109 mm
Width (inches)	4.291 inch		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	0...55 °C
---------------------	-------------	-----------------------	-----------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Connection data

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

Rating data

Rated voltage (text)	$\leq 250 \text{ Vdc} \leq 250 \text{ Vac}$	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

Clamping range, max.	1.5 mm ²	Clamping range, min.	0.15 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		

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		

RS LPK3/144 VERT**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
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

Approvals

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Declaration of Conformity](#)

Engineering Data

[WSCAD](#)

RS LPK3/144 VERT

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

www.weidmueller.com

Drawings

