

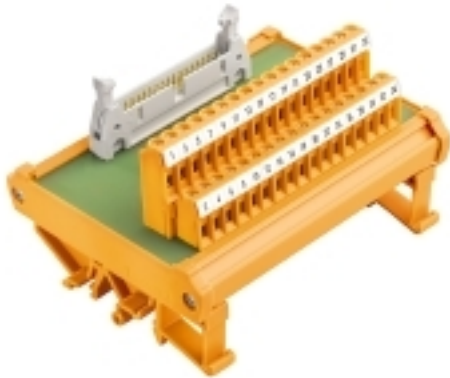
RS F50 LP2N 5/50**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Similar to illustration

Passive interfaces for signal transmission on a flat-cable connector equipped with a clamping-yoke connection in accordance with IEC 603-1 / DIN 41651.

The main features include:

- Group with 10- to 64-pole connectors
- One-to-one electrical connection between controller and field connections.
- Very compact modules can be attached to conventional TS35 or TS32 mounting rails.
- Longer attachment hooks

General ordering data

Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 50-pole, Screw connection
Order No.	0224561001
Type	RS F50 LP2N 5/50
GTIN (EAN)	4032248047031
Qty.	1 pc(s).

Creation date March 7, 2023 1:24:43 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	70 mm	Depth (inches)	2.756 inch
Height	87 mm	Height (inches)	3.425 inch
Width	145 mm	Width (inches)	5.709 inch
Net weight	260 g		

Temperatures

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

Connection Data

Connection (field side)	LL2N 5.08 mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Earthing	No	Number of poles (control side)	50-pole

Rating data

Rated voltage	60 V AC / 75 V DC	Rated current per connection	1 A
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Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	100 V
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.8 kV		

Connection field

Clamping range, max.	6 mm ²	Clamping range, min.	0.5 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		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	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

Approvals

Approvals



ROHS

Conform

Data sheet**RS F50 LP2N 5/50**

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Technical data**Downloads**

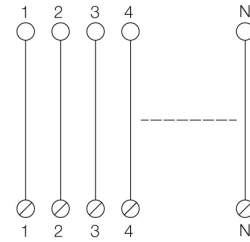
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	WSCAD
Product Change Notification	20200716-PCN-PL35-A-EN-External
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



N: Number of poles