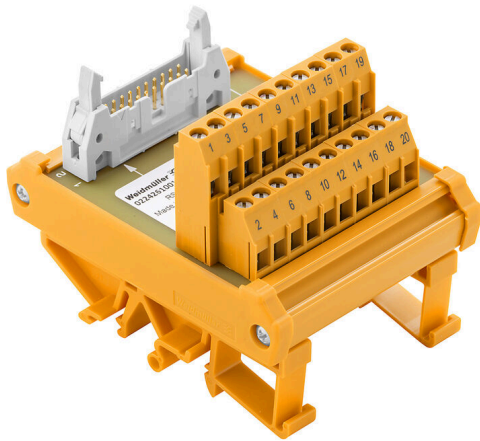


**RS F20 LP2N 5/20****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



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, 20-pole, Screw connection
Order No.	<a href="#">0224261001</a>
Type	RS F20 LP2N 5/20
GTIN (EAN)	4032248047161
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E141197

## Dimensions and weights

Depth	70 mm	Depth (inches)	2.7559 inch
Height	87 mm	Height (inches)	3.4252 inch
Width	65 mm	Width (inches)	2.5591 inch
Net weight	130 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	0...55 °C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Rated data UL

Rated current I <sub>N</sub>	1 A	Operating temperature UL, min.	0 °C
Operating temperature UL, max.	25 °C	Rated current I <sub>max</sub>	1 A
Rated voltage UN	≤ 60 V AC / 75 V DC		

## Connection Data

Number of poles (control side)	20-pole	Connection (field side)	LL2N 5.08 mm
Earthing	No	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651

## 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

Min. wire cross-section, AWG	AWG 26	Type of connection	Screw connection
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm

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## Technical data

Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12		

### Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

Drawings



N: Number of poles