

## RSF RS F20 LP2N 5/20

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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

Type	RS F20 LP2N 5/20
Order No.	<a href="#">0224261001</a>
Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20-pole, Screw connection
GTIN (EAN)	4032248047161
Qty.	1 pc(s).

**RSF**  
**RS F20 LP2N 5/20**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technical data****Dimensions and weights**

Length	65 mm	Length (inches)	2.559 inch
Width	87 mm	Width (inches)	3.425 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	130 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
------------	----------------

**Connection Data**

Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651	Number of poles (control side)	20-pole
Connection (field side)	LP2N 5.08mm	Earthing	No

**Rating data**

Rated voltage	60 V AC / 75 V DC	Rated current per connection	1 A
---------------	-------------------	------------------------------	-----

**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**

Type of connection	Screw connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
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		

**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	UNSPSC	30-21-18-01

**Data sheet****RSF**  
**RS F20 LP2N 5/20****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[K318\\_01\\_11.pdf](#)

Brochure/Catalogue

[CAT U\\_REMOTE 16/17 EN](#)[CAT U\\_REMOTE 16/17 EN](#)[CAT 4.5 ELECTR 16/17 EN](#)

Engineering Data

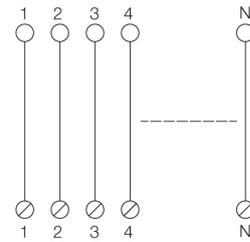
[WSCAD](#)

**Data sheet**

**RSF**  
**RS F20 LP2N 5/20**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Drawings**



N: Number of poles