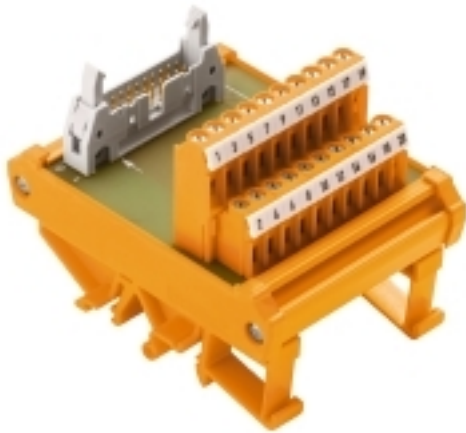


**RS F20 LP2N 5/20****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 20-pole, Screw connection |
| Order No.  | <a href="#">0224261001</a>                                                                       |
| Type       | RS F20 LP2N 5/20                                                                                 |
| GTIN (EAN) | 4032248047161                                                                                    |
| Qty.       | 1 pc(s).                                                                                         |

Creation date March 22, 2021 9:05:22 AM CET

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

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## Technical data

## Dimensions and weights

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

## Temperatures

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

## Environmental Product Compliance

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

## Rated data UL

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E141197 |
|-------------------------|---------|

## Connection Data

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

## 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

|                                  |                     |                              |                      |
|----------------------------------|---------------------|------------------------------|----------------------|
| Clamping range, max.             | 6 mm <sup>2</sup>   | Clamping range, min.         | 0.13 mm <sup>2</sup> |
| Flexible with sleeve, max.       | 2.5 mm <sup>2</sup> | Flexible with sleeve, min.   | 0.5 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>  |
| Max. wire cross-section, AWG     | AWG 12              | Min. wire cross-section, AWG | AWG 26               |
| Sleeve with plastic collar, max. | 2.5 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               |
| Type of connection               | Screw connection    |                              |                      |

## 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 |

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## Technical data

### Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E141197 |

### Downloads

|                                             |                                                 |
|---------------------------------------------|-------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>       |
| Engineering Data                            | <a href="#">WSCAD</a>                           |
| Product Change Notification                 | <a href="#">20200716-PCN-PL35-A-EN-External</a> |

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## Drawings



N: Number of poles