

**RS F50 LPK 2H/52****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.
- Extremely compact modules in RS 45 section for installation on standard TS35 mounting rail.
- Longer attachment hooks
- Pin for the earth connection.

**General ordering data**

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| Version    | Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 50-pole, Screw connection |
| Order No.  | <a href="#">8155570000</a>                                                                       |
| Type       | RS F50 LPK 2H/52                                                                                 |
| GTIN (EAN) | 4008190078188                                                                                    |
| Qty.       | 1 pc(s).                                                                                         |

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

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Height         | 65.5 mm    | Height (inches) | 2.579 inch |
| Length         | 151 mm     | Length (inches) | 5.945 inch |
| Net weight     | 245 g      | Width           | 45 mm      |
| Width (inches) | 1.772 inch |                 |            |

## Temperatures

|                     |             |                       |           |
|---------------------|-------------|-----------------------|-----------|
| Storage temperature | -40...70 °C | Operating temperature | 0...55 °C |
|---------------------|-------------|-----------------------|-----------|

## Environmental Product Compliance

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

## Connection Data

|                             |                    |                                |                                                       |
|-----------------------------|--------------------|--------------------------------|-------------------------------------------------------|
| Connection (field side)     | LPK 2H 5.08mm      | Connection on control side     | Plug-in connector in acc. with IEC60603-13 / DIN41651 |
| Earthing                    | Yes                | Number of poles (control side) | 50-pole                                               |
| Protective earth connection | Flat-blade contact |                                |                                                       |

## 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.             | 1.5 mm <sup>2</sup> | Clamping range, min.         | 0.15 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

### Downloads

Approval/Certificate/Document of  
Conformity

[Declaration of Conformity](#)

Engineering Data

[STEP](#)

Engineering Data

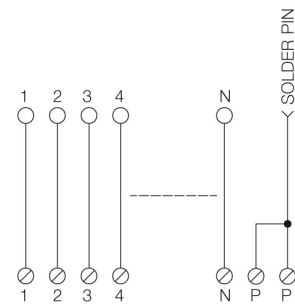
[WSCAD](#)

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## Drawings



N: Number of poles