

**RS F10 LPK 2H/12****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.
- 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, 10-pole, Screw connection |
| Order No.  | <a href="#">8155610000</a>                                                                       |
| Type       | RS F10 LPK 2H/12                                                                                 |
| GTIN (EAN) | 4008190098100                                                                                    |
| Qty.       | 1 pc(s).                                                                                         |

## RS F10 LPK 2H/12

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Depth      | 66 mm | Depth (inches)  | 2.598 inch |
| Height     | 45 mm | Height (inches) | 1.772 inch |
| Width      | 49 mm | Width (inches)  | 1.929 inch |
| Net weight | 78 g  |                 |            |

## Temperatures

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

## Rated data UL

|                                |       |                                |                     |
|--------------------------------|-------|--------------------------------|---------------------|
| Operating temperature UL, max. | 25 °C | Operating temperature UL, min. | 0 °C                |
| Rated current $I_N$            | 1 A   | Rated voltage $U_N$            | ≤ 60 V AC / 75 V DC |

## Connection Data

|                             |                    |                                |                                                       |
|-----------------------------|--------------------|--------------------------------|-------------------------------------------------------|
| Connection (field side)     |                    | Connection on control side     | Plug-in connector in acc. with IEC60603-13 / DIN41651 |
|                             | LPK 2H 5.08mm      |                                |                                                       |
| Earthing                    | Yes                | Number of poles (control side) | 10-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    |
| ETIM 8.0    | EC002780    | ETIM 9.0    | EC002780    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-14-11-52 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |

**RS F10 LPK 2H/12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

**Approvals**

Approvals



|                       |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID       | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a> |
| ROHS                  | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate No. (UR)  | E141197                                                                                                                                                                                                                                                                                                                                                 |

**Downloads**

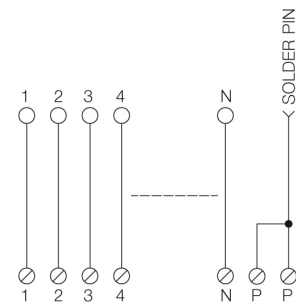
|                                             |                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                                        |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                  |
| Product Change Notification                 | <a href="#">Technical change to RSF LPK2, RSSD LPK2 and RS VERT LPK2 modules</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                         |

## RS F10 LPK 2H/12

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings



N: Number of poles

## RS F10 LPK 2H/12

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## SAK-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

|            |                            |                                                           |
|------------|----------------------------|-----------------------------------------------------------|
| Type       | EW 35 GR 7032              | Version                                                   |
| Order No.  | <a href="#">0383530000</a> | End bracket, grey, TS 35, V-O, Wemid, Width: 9 mm, 120 °C |
| GTIN (EAN) | 4008190027322              |                                                           |
| Qty.       | 50 pc(s).                  |                                                           |

## Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

## General ordering data

|            |                            |                                                                         |
|------------|----------------------------|-------------------------------------------------------------------------|
| Type       | TS 35X7.5 2M/ST/ZN         | Version                                                                 |
| Order No.  | <a href="#">0383400000</a> | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |
| GTIN (EAN) | 4008190088026              | Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm                            |
| Qty.       | 40 m                       |                                                                         |
| Type       | TS 35X15/2.3 2M/ST/ZN      | Version                                                                 |
| Order No.  | <a href="#">0498000000</a> | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |
| GTIN (EAN) | 4008190042493              | Width: 2000 mm, Height: 35 mm, Depth: 15 mm                             |
| Qty.       | 20 m                       |                                                                         |