

**RS SD37S UNC LPK2****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 SubD connector equipped with a clamping-yoke connection in accordance with IEC 807-2 / DIN 41652. The main features include:

- Group with 9-, 15-, 37- and 50-pole male and female 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.
- Pin for the earth connection.

**General ordering data**

|            |  |
|------------|--|
| Version    | Interface, RSSD, D-sub connectors, acc. to IEC 60807 / DIN 41652, 37-pole plug, Screw connection |
| Order No.  | <a href="#">8155660000</a>   |
| Type       | RS SD37S UNC LPK2  |
| GTIN (EAN) | 4008190003203  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 66 mm  | Depth (inches)  | 2.598 inch |
| Height     | 45 mm  | Height (inches) | 1.772 inch |
| Width      | 116 mm | Width (inches)  | 4.567 inch |
| Net weight | 190 g  |                 |            |

## Temperatures

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

## Connection Data

|                                |               |                             |   |
|--------------------------------|---------------|-----------------------------|---|
| Connection (field side)        | LPK 2H 5.08mm | Connection on control side  | D-sub connectors, acc. to IEC 60807 / DIN 41652 |
| Design of locking system       | UNC 4/40      | Earthing                    | Yes   |
| Number of poles (control side) | 37-pole plug  | Protective earth connection | Flat-blade contact                              |

## Rating data

|               |       |                              |       |
|---------------|-------|------------------------------|-------|
| Rated voltage | 100 V | Rated current per connection | 1.5 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    |
| 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 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

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Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E141197    |

**Downloads**

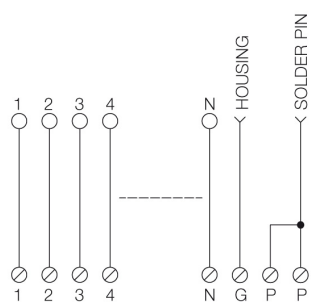
|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>           |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

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## Drawings



N: Number of poles

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## Accessories

## 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, without slot, Accessories, 35 x 7.5 x 2000 mm, Steel, |
| GTIN (EAN) | 4008190088026              | galvanic zinc plated and passivated                                  |
| Qty.       | 2 m                        |  |
| Type       | TS 35X15/2.3 2M/ST/ZN      | Version  |
| Order No.  | <a href="#">0498000000</a> | Terminal rail, without slot, Accessories, 35 x 15 x 2000 mm, Steel,  |
| GTIN (EAN) | 4008190042493              | galvanic zinc plated and passivated                                  |
| Qty.       | 2 m                        |  |

## 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, Wemid, grey, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190027322              |  |
| Qty.       | 50 pc(s).                  |  |