

RS SD37B UNC LPK2**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 female, Screw connection |
| Order No. | 8155630000 |
| Type | RS SD37B UNC LPK2 |
| GTIN (EAN) | 4008190119294 |
| 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 | 166.74 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 | 1.5 A | Rated voltage U_N | 100 V |

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 female | 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 ² | Clamping range, min. | 0.15 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | Min. wire cross-section, AWG | AWG 26 |
| Sleeve with plastic collar, max. | 2.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |
| Solid, min. H05(07) V-U | 0.5 mm ² | 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 |
| ECLASS 14.0 | 27-14-11-52 | | |

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Environmental Product Compliance

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

Approvals

Approvals



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

Downloads

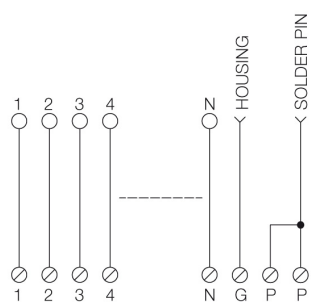
| | |
|---|--|
| Approval/Certificate/Document of Conformity | Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Product Change Notification | Technical change to RSF LPK2, RSSD LPK2 and RS VERT LPK2 modules |
| Catalogues | Catalogues in PDF-format |

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Drawings



N: Number of poles

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Accessories

SAK-Series

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. | 0383530000 | 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. | 0383400000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |
| GTIN (EAN) | 4008190088026 | Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm |
| Qty. | 2 m | |
| Type | TS 35X15/2.3 2M/ST/ZN | Version |
| Order No. | 0498000000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |
| GTIN (EAN) | 4008190042493 | Width: 2000 mm, Height: 35 mm, Depth: 15 mm |
| Qty. | 2 m | |