

RS SD9B UNC 4.40 LP2N

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 for attachment to standard TS35 or TS32 rail.

General ordering data

| | |
|------------|---|
| Version | Interface, RSSD, D-sub connectors, acc. to IEC 60807 / DIN 41652, 9-pole female, Screw connection |
| Order No. | 8003911001 |
| Type | RS SD9B UNC 4.40 LP2N |
| GTIN (EAN) | 4032248047277 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 76 mm | Depth (inches) | 2.9921 inch |
| Height | 87 mm | Height (inches) | 3.4252 inch |
| Width | 45 mm | Width (inches) | 1.7716 inch |
| Net weight | 102 g | | |

Temperatures

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

Environmental Product Compliance

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

Rated data UL

| | | | |
|--------------------------------|-------|--------------------------------|-------|
| Rated current I _N | 1.5 A | Operating temperature UL, min. | 0 °C |
| Operating temperature UL, max. | 25 °C | Rated current I _{max} | 1.5 A |
| Rated voltage UN | 100 V | | |

Connection Data

| | | | |
|--------------------------------|---------------|----------------------------|---|
| Number of poles (control side) | 9-pole female | Connection (field side) | LL2N 5.08 mm |
| Earthing | No | Connection on control side | D-sub connectors, acc. to IEC 60807 / DIN 41652 |

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

| | | | |
|----------------------------------|---------------------|----------------------------|---------------------|
| Min. wire cross-section, AWG | AWG 26 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |

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| 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 |
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | | |

Standard features

| | |
|--------|------------------|
| Design | Socket connector |
|--------|------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ETIM 10.0 | EC002780 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 | | |

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 32X15 2M/ST/ZN | Version | |
| Order No. | 0122800000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190066307 | Width: 2000 mm, Height: 33 mm, Depth: 15 mm | |
| Qty. | 20 M | | |

End bracket



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 | EWK 2 | Version | |
| Order No. | 0199360000 | End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C | |
| GTIN (EAN) | 4008190023546 | | |
| Qty. | 50 ST | | |

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. | 40 M | | |

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General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | EW 35 | Version | |
| Order No. | 0383560000 | End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C | |
| GTIN (EAN) | 4008190181314 | | |
| Qty. | 50 ST | | |

Steel



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General ordering data

| | | | |
|------------|----------------------------|---|--|
| 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. | 20 M | | |