

**RSSD**  
**RS SD9S UNC 4.40 LP2N****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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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**

| Type       | RS SD9S UNC 4.40 LP2N                                                                           |
|------------|-------------------------------------------------------------------------------------------------|
| Order No.  | <a href="#">8003901001</a>                                                                      |
| Version    | Interface, RSSD, D-sub connectors, acc. to IEC 60807 / DIN 41652, 9-pole plug, Screw connection |
| GTIN (EAN) | 4032248047291                                                                                   |
| Qty.       | 1 pc(s).                                                                                        |

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## Technical data

### Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Length     | 45 mm | Length (inches) | 1.772 inch |
| Width      | 87 mm | Width (inches)  | 3.425 inch |
| Height     | 76 mm | Height (inches) | 2.992 inch |
| Net weight | 102 g |                 |            |

### Temperatures

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

### Environmental Product Compliance

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

### Connection Data

|                            |                                                 |                                |             |
|----------------------------|-------------------------------------------------|--------------------------------|-------------|
| Connection on control side | D-sub connectors, acc. to IEC 60807 / DIN 41652 | Number of poles (control side) | 9-pole plug |
| Connection (field side)    | LP2N 5.08mm                                     | Earthing                       | No          |

### 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

|                              |                     |                                  |                      |
|------------------------------|---------------------|----------------------------------|----------------------|
| Type of connection           | Screw connection    | Clamping range, min.             | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Solid, min. H05(07) V-U          | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>   | Flexible, min. H05(07) V-K       | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 4 mm <sup>2</sup>   | Flexible with sleeve, max.       | 2.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 0.5 mm <sup>2</sup> | Sleeve with plastic collar, max. | 2.5 mm <sup>2</sup>  |
| Min. wire cross-section, AWG | AWG 26              | Max. wire cross-section, AWG     | AWG 12               |
| Tightening torque, min.      | 0.5 Nm              | Tightening torque, max.          | 0.6 Nm               |
| Stripping length             | 6 mm                |                                  |                      |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001419    | ETIM 4.0   | EC001421    |
| ETIM 5.0   | EC001421    | ETIM 6.0   | EC002780    |
| UNSPSC     | 30-21-18-01 | eClass 5.1 | 27-24-22-04 |
| eClass 6.2 | 27-24-22-04 | eClass 7.1 | 27-14-11-52 |
| eClass 8.1 | 27-14-11-52 | eClass 9.0 | 27-14-11-52 |
| eClass 9.1 | 27-14-11-52 |            |             |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

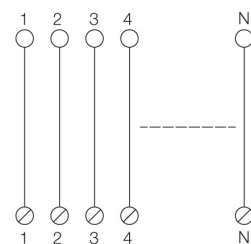
Engineering Data

[WSCAD](#)

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## Drawings



N: Number of poles