

**RS SD44F HD UNC4.40 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Similar to illustration

Passive interface for transmitting signals from a high-density SUB-D plug-in connector with clamping yoke connection technology.

- The connection between both connectors is 1 to 1 and the range includes male and female connectors with 15 to 62 poles.
- Thanks to the metal housing of the SUB-D, these connectors are ideal for transmitting analogue signals or for connecting shielded cables.
- Tension clamp connection on demand.

**General ordering data**

|                 |  |
|-----------------|--|
| Version         | Interface, RSSD, High-density SUB-D plug-in connectors, 44-pole socket, Screw connection |
| Order No.       | <a href="#">1428150000</a>   |
| Type            | RS SD44F HD UNC4.40 S  |
| GTIN (EAN)      | 4050118231984  |
| Qty.            | 1 pc(s).   |
| Available until | 2014-05-20   |

Creation date July 15, 2023 1:00:15 AM CEST

Catalogue status 07.07.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 71 mm    | Depth (inches)  | 2.795 inch |
| Height     | 70 mm    | Height (inches) | 2.756 inch |
| Width      | 95 mm    | Width (inches)  | 3.74 inch  |
| Net weight | 161.57 g |                 |            |

### Temperatures

|                             |             |                             |             |
|-----------------------------|-------------|-----------------------------|-------------|
| Storage temperature         | -40...60 °C | Operating temperature       | -25...50 °C |
| Operating temperature, min. | -25 °C      | Operating temperature, max. | 50 °C       |

### Connection Data

|                         |              |                                |                                       |
|-------------------------|--------------|--------------------------------|---------------------------------------|
| Connection (field side) | LL3R 5.08 mm | Connection on control side     | High-density SUB-D plug-in connectors |
| Earthing                | No           | Number of poles (control side) | 44-pole socket                        |

### Rating data

|               |                     |                              |     |
|---------------|---------------------|------------------------------|-----|
| Rated voltage | 125 V AC / 175 V DC | Rated current per connection | 1 A |
|---------------|---------------------|------------------------------|-----|

### Insulation coordination (EN50178)

|                               |              |                            |                    |
|-------------------------------|--------------|----------------------------|--------------------|
| According to                  | DIN EN 50178 | Rated insulation voltage   | 125V AC / 175 V DC |
| Surge voltage category        | II           | Pollution severity level   | 2                  |
| Pulse voltage test (1,2/50µs) | 1.15 kV      | Insulation test voltage AC | 0.65 kV            |

### Connection field

|                                  |                     |                              |                     |
|----------------------------------|---------------------|------------------------------|---------------------|
| Clamping range, max.             | 6 mm <sup>2</sup>   | Clamping range, min.         | 0.5 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    | 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 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 7b5ffb72-271d-4c73-8b09-bd0aeee3697a |

**Data sheet****RS SD44F HD UNC4.40 S**

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**Technical data****Approvals**

Approvals



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[Declaration of Conformity](#)

Product Change Notification

[20200907 Technical change to RS SD HD family](#)

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Brochures

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**Drawings**

