

## RS SD15 SZ

**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 tension-clamp 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, 15-pole plug, Tension-clamp connection |
| Order No.       | <a href="#">8537390000</a>   |
| Type            | RS SD15 SZ   |
| GTIN (EAN)      | 4032248173075  |
| Qty.            | 1 items  |
| Delivery status | This article will no longer be available in the future.  |
| Available until | 2026-02-10T00:00:00+01:00  |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 64 mm | Depth (inches)  | 2.5197 inch |
| Height     | 87 mm | Height (inches) | 3.4252 inch |
| Width      | 60 mm | Width (inches)  | 2.3622 inch |
| Net weight | 118 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 <sub>N</sub>   | 1 A   | Operating temperature UL, min. | 0 °C  |
| Operating temperature UL, max. | 25 °C | Rated voltage UN               | 100 V |

## Connection Data

|                            |   |                                |              |
|----------------------------|---|--------------------------------|--------------|
| Design of locking system   | UNC 4/40  | Number of poles (control side) | 15-pole plug |
| Connection (field side)    | LM2NZF 5.08mm                                   | 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 24              | Type of connection         | Tension-clamp connection |
| Sleeve with plastic collar, max. | 1.5 mm <sup>2</sup> | Flexible with sleeve, min. | 0.25 mm <sup>2</sup>     |
| Flexible with sleeve, max.       | 1.5 mm <sup>2</sup> | Flexible, max. H05(07) V-K | 1.5 mm <sup>2</sup>      |
| Flexible, min. H05(07) V-K       | 0.2 mm <sup>2</sup> | Solid, max. H05(07) V-U    | 2.5 mm <sup>2</sup>      |

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| Solid, min. H05(07) V-U      | 0.2 mm <sup>2</sup> | Stripping length     | 7.5 mm               |
| Clamping range, max.         | 2.5 mm <sup>2</sup> | Clamping range, min. | 0.13 mm <sup>2</sup> |
| Max. wire cross-section, AWG | AWG 14              |                      |                      |

### Standard features

|        |      |
|--------|------|
| Design | Plug |
|--------|------|

### 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 |             |             |



N: Number of poles