

## RS SD25S 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, 25-pole plug, Screw connection
Order No.	<a href="#">8005 181001</a>
Type	RS SD25S UNC 4.40 LP2N
GTIN (EAN)	4032248047338
Qty.	1 pc(s).

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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	87 mm	Height (inches)	3.425 inch
Width	80 mm	Width (inches)	3.15 inch
Net weight	157 g		

## Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Rated data UL

Operating temperature UL, max.	50 °C	Operating temperature UL, min.	0 °C
Rated current I <sub>max</sub>	1.5 A	Rated voltage U <sub>N</sub>	100 V

## Connection Data

Connection (field side)	LL2N 5.08 mm	Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652
Earthing	No	Number of poles (control side)	25-pole plug

## Rating data

Rated voltage	100 V	Rated current per connection	1.5 A
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## 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.	6 mm <sup>2</sup>	Clamping range, min.	0.13 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		

**Data sheet****RS SD25S UNC 4.40 LP2N**

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">WSCAD</a>
Product Change Notification	<a href="#">20211123 Technical change to RSSD S interfaces</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

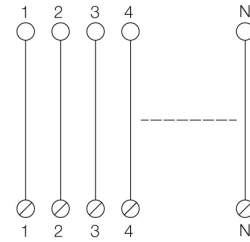
**Data sheet**

**RS SD25S UNC 4.40 LP2N**

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**Drawings**



N: Number of poles

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**Accessories**

**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	Version
Order No.	<a href="#">0383560000</a>	Accessories, End bracket
GTIN (EAN)	4008190181314	
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.	<a href="#">0383400000</a>	Rail, TS 35, TS 35 x 7.5, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190088026	
Qty.	2 m	

Type	TS 35X15/2.3 2M/ST/ZN	Version
Order No.	<a href="#">0498000000</a>	Rail, TS 35, TS 35 x 15, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190042493	
Qty.	2 m	

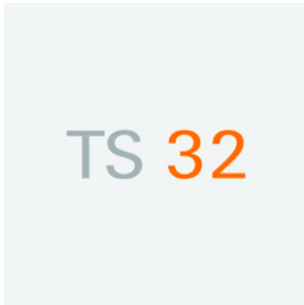
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## Accessories

### TS 32



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.	<a href="#">0199360000</a>	Accessories, End bracket
GTIN (EAN)	4008190023546	
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 32X15 2M/ST/ZN	Version
Order No.	<a href="#">0122800000</a>	Rail, TS 32, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190066307	
Qty.	2 m	

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