

RS SD37 SZ**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 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, 37-pole plug, Tension-clamp connection
Order No.	8537240000
Type	RS SD37 SZ
GTIN (EAN)	4032248172993
Qty.	1 pc(s).

Creation date June 4, 2024 7:17:00 AM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

RS SD37 SZ

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	87 mm	Height (inches)	3.425 inch
Width	110 mm	Width (inches)	4.331 inch
Net weight	153.28 g		

Temperatures

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

Connection Data

Connection (field side)	LM2NZF 5.08mm	Connection on control side	D-sub connectors, acc. to IEC 60807 / DIN 41652
Design of locking system	UNC 4/40	Earthing	No
Number of poles (control side)	37-pole plug		

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

Clamping range, max.	2.5 mm ²	Clamping range, min.	0.13 mm ²
Flexible with sleeve, max.	1.5 mm ²	Flexible with sleeve, min.	0.25 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Max. wire cross-section, AWG	AWG 14	Min. wire cross-section, AWG	AWG 24
Sleeve with plastic collar, max.	1.5 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Solid, min. H05(07) V-U	0.2 mm ²	Stripping length	7.5 mm
Type of connection	Tension-clamp connection		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	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	ECLASS 13.0	27-14-11-52

Environmental Product Compliance

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

RS SD37 SZ

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



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

Downloads

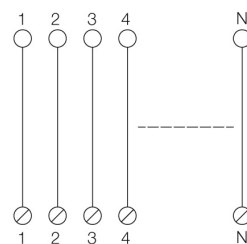
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

RS SD37 SZ

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



N: Number of poles

RS SD37 SZ**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****TS 32**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.	0199360000	End bracket, Wemid, beige, Rail: TS 32, when screwed in
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 35X7.5 2M/ST/ZN	Version
Order No.	0383400000	Terminal rail, without slot, Accessories, 35 x 7.5 x 2000 mm, Steel,
GTIN (EAN)	4008190088026	galvanic zinc plated and passivated
Qty.	2 m	
Type	TS 35X15/2.3 2M/ST/ZN	Version
Order No.	0498000000	Terminal rail, without slot, Accessories, 35 x 15 x 2000 mm, Steel,
GTIN (EAN)	4008190042493	galvanic zinc plated and passivated
Qty.	2 m	

RS SD37 SZ

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, without slot, Accessories, 33 x 15 x 2000 mm, Steel,
GTIN (EAN)	4008190066307	galvanic zinc plated and passivated
Qty.	2 m	

SAK-Series



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.	0383560000	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	