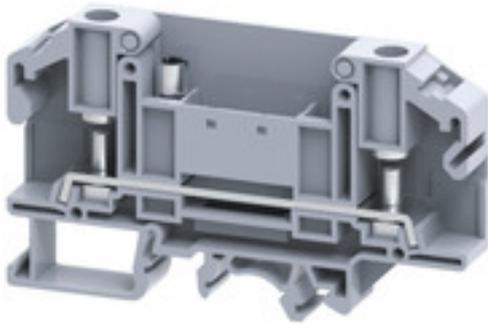


**SDL 4 FT**

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

www.weidmueller.com

**Product image****General ordering data**

Version	Stud terminal, Threaded stud connection, grey, 6 mm <sup>2</sup> , 41 A, 1000 V, Number of connections: 2, Number of levels: 1, TS 32, TS 35, Polyamide
Order No.	<a href="#">2614970000</a>
Type	SDL 4 FT
GTIN (EAN)	4050118654004
Qty.	50 pc(s).

Creation date November 26, 2024 12:20:24 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.2 mm	Height	86 mm
Height (inches)	3.386 inch	Width	11 mm
Width (inches)	0.433 inch	Net weight	18.3 g

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

### Material data

Material	Polyamide	Colour	grey
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### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

### Additional technical data

Explosion-tested version	No	Open sides	right
Snap-on	Yes	Type of fixing	Snap-on
Type of mounting	TS 32, TS 35		

### CSA rating data

Certificate number (cCSAus)	70198655	Wire cross section max. (cCSAusX)	8 AWG
Wire cross section min. (cCSAusX)	22 AWG		

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## Technical data

### Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	1.5...6 mm <sup>2</sup>	2 x cable lugs DIN 46 235	1.5...6 mm <sup>2</sup>
Blade size	0.8 x 5.5 mm	Cable lug to DIN 46234	1.5...6 mm <sup>2</sup>
Cable lug to DIN 46235	1.5...6 mm <sup>2</sup>	Clamping range, bolted connection , max.	6 mm <sup>2</sup>
Clamping range, bolted connection , min.	1.5 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	6 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	on side
Number of connections	2	Stud size for spade connection	M 4
Tightening torque, max.	1.2 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Threaded stud connection	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

### General

Rail	TS 32, TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

### Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

### UL rating data

Certificate No. (cURus)	.	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	50 A
Current size C (cURus)	50 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

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## Technical data

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01
ECLASS 14.0	27-25-01-01		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

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**Drawings**

