

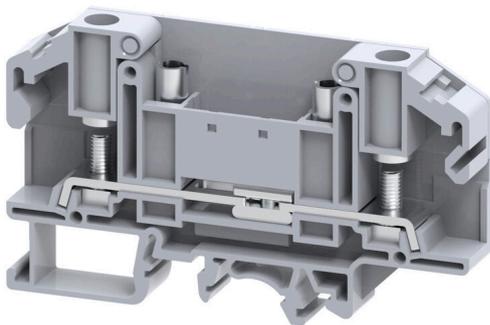
SDL 4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Version	Stud terminal, Threaded stud connection, grey, 6 mm ² , 41 A, 1000 V, Number of connections: 2, Number of levels: 1, TS 32, TS 35, V-2, Polyamide
Order No.	2614980000
Type	SDL 4
GTIN (EAN)	4050118653991
Qty.	50 items

SDL 4

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. (cURus) E60693

Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.0276 inch
Depth including DIN rail	52.2 mm	Height	86 mm
Height (inches)	3.3858 inch	Width	11 mm
Width (inches)	0.4331 inch	Net weight	20.86 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Polyamide	Colour	grey
UL 94 flammability rating	V-2		

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	Mounting rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Snap-on	Yes
Explosion-tested version	No		

CSA rating data

Wire cross section min. (cCSAusX)	22 AWG	Certificate number (cCSAus)	70198654
Wire cross section max. (cCSAusX)	8 AWG		

Conductors for clamping (rated connection)

Cable lug to DIN 46234	1.5...6 mm ²	Cable lug to DIN 46235	1.5...6 mm ²
Wire connection cross section AWG, max.	AWG 8	Connection direction	on side

SDL 4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Tightening torque, max.	1.2 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Threaded stud connection	Number of connections	2
Clamping range, max.	6 mm ²	Clamping range, min.	1.5 mm ²
Clamping range, bolted connection , max.	6.00 mm ²	Clamping range, bolted connection , min.	1.5 mm ²
Blade size	0.8 x 5.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Stud size for spade connection	M 4	Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²	Connection cross-section, finely stranded, min.	1.5 mm ²
2 x cable lugs DIN 46 235	1.5...6 mm ²	2 x cable lugs DIN 46 234	1.5...6 mm ²

General

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

Rating data

Rated cross-section	6 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	41 A
Current at maximum wires	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

Conductor size Factory wiring max. (cURus)	8 AWG	Voltage size B (cURus)	600 V
Certificate No. (cURus)	E60693	Conductor size Factory wiring min. (cURus)	22 AWG
Current size B (cURus)	35 A	Voltage size C (cURus)	600 V
Current size C (cURus)	35 A		

Classifications

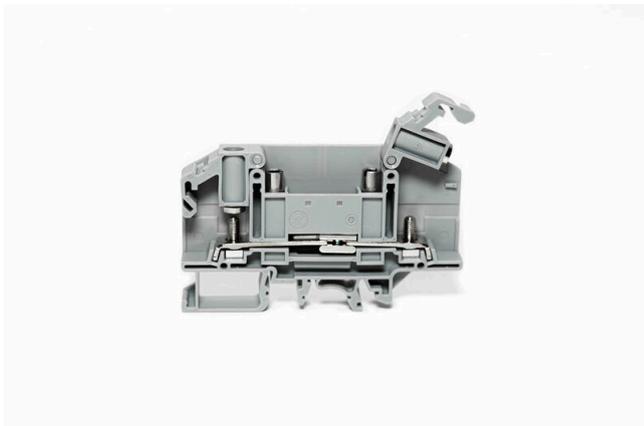
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

SDL 4

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

Drawings

www.weidmueller.com



SDL 4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Accessorie



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	SEP SDL 4	Version	
Order No.	2615020000	End plate for terminals, grey, Height: 86.1 mm, Width: 1.5 mm, V-2,	
GTIN (EAN)	4050118653953	Snap-on: Yes	
Qty.	50 ST		

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	SSI 4	Version	
Order No.	2615270000	Lockout device (terminal)	
GTIN (EAN)	4050118653618		
Qty.	50 ST		

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	SQB 4/2	Version	
Order No.	2615140000	Cross-connector (terminal), when screwed in, black, 41 A, Number of	
GTIN (EAN)	4050118653847	poles: 2, Pitch in mm (P): 11.00, Insulated: Yes, Width: 17 mm	
Qty.	100 ST		

SDL 4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

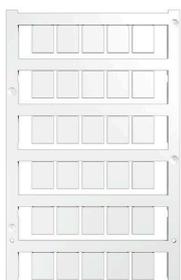
Germany

www.weidmueller.com

Accessories

Type	SQB 4/3	Version
Order No.	2615150000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653830	poles: 3, Pitch in mm (P): 11.00, Insulated: Yes, Width: 28 mm
Qty.	50 ST	
Type	SQB 4/4	Version
Order No.	2615160000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653823	poles: 4, Pitch in mm (P): 11.00, Insulated: Yes, Width: 39 mm
Qty.	50 ST	
Type	SQBA 4/3	Version
Order No.	2615170000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653816	poles: 3, Pitch in mm (P): 22.00, Insulated: Yes, Width: 49.6 mm
Qty.	10 ST	
Type	SQBA 4/4	Version
Order No.	2615180000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653809	poles: 4, Pitch in mm (P): 22.00, Insulated: Yes, Width: 60.6 mm
Qty.	10 ST	
Type	SQS 4/2	Version
Order No.	2615250000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653632	poles: 2, Pitch in mm (P): 11.00, Insulated: Yes, Width: 18.4 mm
Qty.	20 ST	
Type	SQS 4/4	Version
Order No.	2615260000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653625	poles: 4, Pitch in mm (P): 11.00, Insulated: Yes, Width: 40.4 mm
Qty.	10 ST	
Type	SRQB 4/3	Version
Order No.	2615230000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653656	poles: 3, Pitch in mm (P): 11.00, Insulated: Yes, Width: 28 mm
Qty.	50 ST	
Type	SRQB 4/2	Version
Order No.	2615220000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653663	poles: 2, Pitch in mm (P): 11.00, Insulated: Yes, Width: 17 mm
Qty.	100 ST	
Type	SRQB 4/4	Version
Order No.	2615240000	Cross-connector (terminal), when screwed in, black, 41 A, Number of
GTIN (EAN)	4050118653649	poles: 4, Pitch in mm (P): 11.00, Insulated: Yes, Width: 39 mm
Qty.	50 ST	

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

SDL 4

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

www.weidmueller.com

Accessories

General ordering data

Type	WS 12/9.5-11 MC NE WS	Version	
Order No.	2484220000		, Polyamide 66, Colour: white
GTIN (EAN)	4050118494808		
Qty.	300 ST		

Crimp cable lugs



Insulated cable connector in PVC or PC/PA

- Conventional designs
- Not soldered
- With conical entry funnel, except for joint connector

General ordering data

Type	KQI-M4/-0,5	Version	
Order No.	1492110000		cable lug, terminal end, Insulated cable connector, 0,5 mm ² , 0,1 mm ² -
GTIN (EAN)	4050118302103		0,5 mm ²
Qty.	100 ST		
Type	KQI-M4/-1	Version	
Order No.	1492200000		cable lug, terminal end, Insulated cable connector, 1 mm ² , 0,5 mm ² - 1
GTIN (EAN)	4050118302301		mm ²
Qty.	100 ST		
Type	KQI-M4/-2,5	Version	
Order No.	1492290000		cable lug, terminal end, Insulated cable connector, 2,5 mm ² , 1,5 mm ² -
GTIN (EAN)	4050118302172		2,5 mm ²
Qty.	100 ST		
Type	KQI-M4/-6	Version	
Order No.	1492370000		cable lug, terminal end, Insulated cable connector, 6 mm ² , 4 mm ² - 6
GTIN (EAN)	4050118302264		mm ²
Qty.	100 ST		