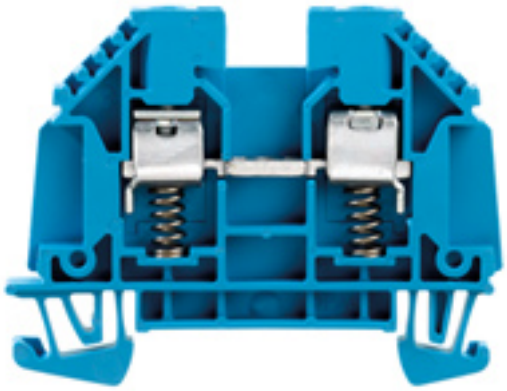
W-terminal with external tensioning
WDU 4 SL BL

Weidmüller Interface GmbH & Co. KG
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At Weidmüller, new solutions for the energy sector are developed according to local or application-based installation requirements.
In some countries, control and protection of switching installations for transmission and distribution networks must comply with the EA-TS 50-18 standard. The standard prescribes "spring-loaded" terminals in conjunction with hook-blade cable lugs in order to ensure additional safety. The Weidmüller "spring-loaded" terminals of the WDU SL series and the disconnect terminals of the WTL SL series comply with this standard. In the SL versions, the clamping yoke is backed up by a helical spring. Furthermore, this arrangement permits two conductors to be connected to one terminal when the hook-blade cable lugs are placed back to back. The aim of this arrangement is to ensure good electrical contact even if someone forgets to tighten the clamping screw!

General ordering data

Order No.	9203060000
Type	WDU 4 SL BL
Version	W-terminal with external tensioning, Feed-through terminal, Rated cross-section: 4 mm², Screw connection
GTIN (EAN)	4032248525355
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	60 mm	Width	6.1 mm
Height	46.5 mm	Height of lowest version	47 mm
Net weight	13.18 g		

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	SIRA02ATEX3242U	ATEX certificate	SIRA02ATEX3242U_d.pdf
ATEX certificate	SIRA02ATEX3242U_e.pdf	Certificate No. (IECEX)	IECEXSIR05.0040U
IEC Ex certificate	IECEXSIR05.0040U_e.pdf	Max. voltage (ATEX)	275 V
Current (ATEX)	28 A	Wire cross section max. (ATEX)	4 mm²
Voltage, cross-connection	CrossConnectionGuide.pdf	Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II	Marking ATEX Directive 94/9/EC	II 2 G D

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, for screwable cross-connection, for plug-in cross-connector, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Voltage size D (CSA)	600 V
Current size B (CSA)	25 A	Current size C (CSA)	25 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm²

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Technical data

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	15 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.22 mm²
Clamping range, rated connection, max.	6 mm²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	6 mm²
Wire connection cross section, stranded, rated connection, min.	1.5 mm²	Wire connection cross section, stranded, rated connection, max.	6 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

Rated data

Rated cross-section	4 mm²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	32 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC38	Voltage size C (UR)	600 V
Current size C (UR)	30 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

Material	Wemid	Colour	Blue
UL 94 flammability rating	V-0		

System specifications

Product family	W-terminal with external tensioning	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

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Technical data

Product information

Descriptive text ordering data	Are suitable for a rated voltage of 630 V with pollution degree 2 (no larger soiling appears).
Descriptive text technical data	Note the max. current of the terminal (41 A) when using the cross-connector!
Descriptive text accessories	Hook-shaped cable lugs 1-2.5mm² thin version orderno. 9036300000 (100 pcs.)

Approvals

Approvals	IEC EX ATEX
ROHS	Conform

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