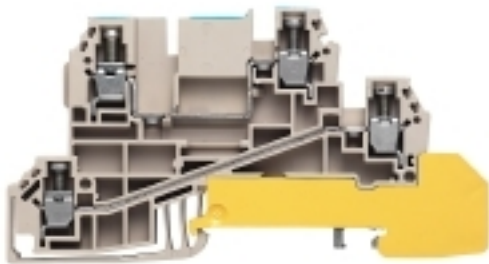


WDL 2.5/N/L/PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	W-Series, Distributor terminal block with WQV, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	1029900000
Type	WDL 2.5/N/L/PE
GTIN (EAN)	4008190178956
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 °C
Depth including DIN rail	49 mm	Height	90 mm
Height (inches)	3.543 °C	Width	6.1 mm
Width (inches)	0.24 °C	Net weight	21.6 g

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, N, L and PE connection, for screwable cross-connection, One end without connector	End cover plate required	No
Number of potentials	3	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	Yes
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-296	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 Nm

Conductors for clamping (rated connection)

Blade size 0.6 x 3.5 mm

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Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
	wire end ferrule	Stripping length	min.	8 mm
			max.	8 mm
			nominal	8 mm
		Tightening torque	min.	0.4 inch
			max.	0.6 inch
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
	wire end ferrule	Stripping length	min.	8 mm
			max.	8 mm
			nominal	8 mm
		Tightening torque	min.	0.4 inch
			max.	0.6 inch
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 inch	
		max.	0.6 inch	
	Recommended wire-end ferrule			
Clamping range, max.		4 Nm		
Clamping range, min.		0.13 Nm		
Clamping screw		M 2.5		
Connection cross-section, stranded, max.		4 Nm		
Connection cross-section, stranded, min.		1.5 Nm		
Connection direction		on side		
Gauge to IEC 60947-1		A3, A4		
Number of connections		5		
Stripping length		8 mm		
Tightening torque, max.		0.6 inch		
Tightening torque, min.		0.4 inch		
Torque level with DMS electric screwdriver		1		
Type of connection		Screw connection		
Wire connection cross section AWG, max.		AWG 12		
Wire connection cross section AWG, min.		AWG 26		
Wire connection cross section, finely stranded, max.		4 Nm		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 2.5 Nm

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 Nm

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 4 Nm

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 Nm

Wire connection cross-section, solid core, max. 4 Nm

Wire connection cross-section, solid core, min. 0.5 Nm

General

Rail	TS 35	Standards	IEC 60947-7-1 (-7-2)
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	2.5 Nm	Rated voltage	400 V
Rated current	24 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1.33 °C
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	15 A
UL_current_Print	15 A	UL_voltage_Print	300 V
UL_wire_max_Print	12 A / 6 A / 10 A / 13 A / 15 A	UL_wire_min_Print	26 A / 6 A / 10 A / 13 A / 15 A
Voltage size C (UR)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EAC certificate NEMKO certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WDL.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

