

WDL 2.5/TR/DU/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.	1029810000
Type	WDL 2.5/TR/DU/PE
GTIN (EAN)	4008190348335
Qty.	50 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2022-12-22
Alternative product	1247420000

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Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Height	90 mm	Height (inches)	3.543 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	23.16 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, Spacer, With PE connection, for screwable cross- connection, One end without connector	End cover plate required	Yes
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	No
PE function	Yes	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm ²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

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

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 mm ²		
		max.	4 mm ²		
		nominal	2.5 mm ²		
	wire end ferrule	Stripping length	min.	8 mm	
			max.	8 mm	
			nominal	8 mm	
		Tightening torque	min.	0.4 Nm	
			max.	0.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
		min.	1.5 mm ²		
		max.	4 mm ²		
		nominal	2.5 mm ²		
	wire end ferrule	Stripping length	min.	8 mm	
			max.	8 mm	
			nominal	8 mm	
		Tightening torque	min.	0.4 Nm	
			max.	0.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K		
		min.	0.5 mm ²		
		max.	4 mm ²		
		nominal	2.5 mm ²		
	wire end ferrule	Stripping length	min.	8 mm	
			max.	8 mm	
			nominal	8 mm	
		Tightening torque	min.	0.4 Nm	
			max.	0.6 Nm	
		Recommended wire-end ferrule			
Clamping range, max.		6 mm ²			
Clamping range, min.		0.13 mm ²			
Clamping screw		M 2.5			
Connection cross-section, stranded, max.		4 mm ²			
Connection cross-section, stranded, min.		1.5 mm ²			
Connection direction		on side			
Gauge to IEC 60947-1		A3, A4			
Number of connections		5			
Stripping length		8 mm			
Tightening torque, max.		0.6 Nm			
Tightening torque, min.		0.4 Nm			
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 mm ²			
Wire connection cross section, finely stranded, min.		0.5 mm ²			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 2.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 2.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.25 mm²

Wire connection cross-section, solid core, max. 4 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

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 mm ²	Rated voltage	250 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 mΩ
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3	Surge voltage category	III

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ETIM 8.0	EC001329	ECLASS 9.0	27-14-11-25
ECLASS 9.1	27-14-11-25	ECLASS 10.0	27-14-11-25
ECLASS 11.0	27-14-11-25	ECLASS 12.0	27-14-11-25

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Drawings

