

WDU 10 WS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	Feed-through terminal, Screw connection, 10 mm ² , 1000 V, 57 A, white
Order No.	1833380000
Type	WDU 10 WS
GTIN (EAN)	4050118044904
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	9.9 mm
Width (inches)	0.39 inch	Net weight	17.88 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	white
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	57 A
Wire cross section max. (ATEX)	10 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	57 A	Wire cross section max. (IECEX)	10 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, for screwable cross- connection, One end without connector	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 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	65 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

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Conductors for clamping (rated connection)

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	1.2 Nm	
		max.	1.9 Nm	
	Recommended wire-end ferrule			
Clamping range, max.		16 mm ²		
Clamping range, min.		1.31 mm ²		
Clamping screw		M 4		
Connection cross-section, stranded, max.		16 mm ²		
Connection cross-section, stranded, min.		1.5 mm ²		
Connection direction		on side		
Number of connections		2		
Stripping length		12 mm		
Tightening torque, max.		1.9 Nm		
Tightening torque, min.		1.2 Nm		
Twin wire-end ferrules, max.		6 mm ²		
Twin wire-end ferrules, min.		1.5 mm ²		
Type of connection		Screw connection		
Wire connection cross section AWG, max.		AWG 6		
Wire connection cross section AWG, min.		AWG 16		
Wire connection cross section, finely stranded, max.		16 mm ²		

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Technical data

Wire connection cross section, finely stranded, min.	1.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
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Wire connection cross-section, solid core, max.	16 mm ²
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Wire connection cross-section, solid core, min.	1.5 mm ²
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General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 16		

Rating data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Rated current	57 A
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Power loss in accordance with IEC 60947-7-x	1.82 W

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

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	IECEX Certificate
	CB Testreport
	CB Certificate
	EAC certificate
	INMETRO certificate
	POLSKIREJ certificate
	EAC EX Certificate
	CCC Ex Certificate
	CE Declaration of Conformity
	ATEX Certificate
	CE Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI_IECEX_WDU-WPE 10.pdf
	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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Drawings

