

**W-Series
WDU 4 PA/VI****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

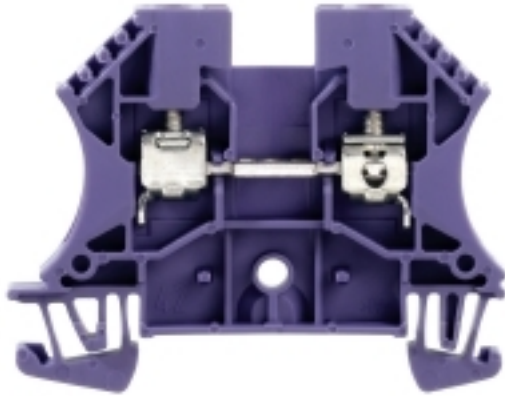
D-32758 Detmold

Germany

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**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

Type	WDU 4 PA/VI
Order No.	1037820000
Version	Feed-through terminal, Screw connection, 4 mm ² , 800 V, 24 A, Violet
GTIN (EAN)	4008190455200
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Net weight	10.1 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	PA 66	Colour	Violet
UL 94 flammability rating	V-2		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex e II

System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector	Tightening torque (clamping screw for aluminium conductors)	
			0.5 Nm
Tightening torque (clamping screw for copper conductors)	0.5...1 Nm	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	25 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data
Conductors for clamping (additional connection)

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

Conductors for clamping (rated connection)

Clamping range, rated connection, max.	6 mm ²	Clamping range, rated connection, min.	0.13 mm ²
Clamping screw	M 3	Connection direction	on side
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Number of connections	2
Stripping length	10 mm	Twin wire-end ferrules, max.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	6 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²
Wire connection cross-section, finely stranded, min.	0.5 mm ²		

Dimensions

TS 35 offset 32 mm

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	24 A	Volume resistance according to IEC 60947-7-x	1 mΩ

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	35 A
Voltage size C (UR)	600 V		

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	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
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

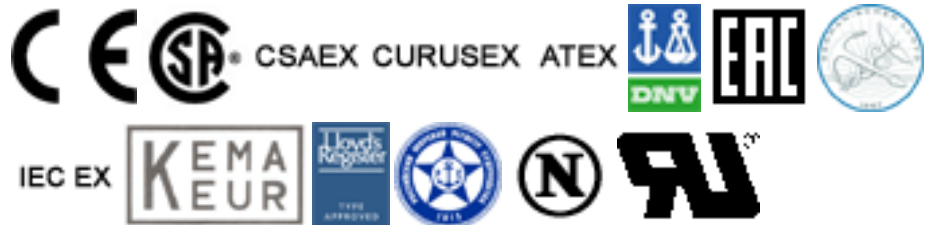
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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[CFAT_WDU 4.pdf](#)
[IECEXULD14.0005U_e.pdf](#)
[CB Test Zertifikat](#)
[CB Zertifikat](#)
[DE_PT1001_20160414_209_ISSUE01.pdf](#)
[ACF-ATEX_4786180920](#)

Engineering Data

[EPLAN_WSCAD_Zuken E3.S](#)

User Documentation

[NTI_IECEX_WDU-WPE 4.pdf](#)

Safety note

Safety notice

[Safety Information](#)

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Drawings

