

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

Klingenbergstraße 16

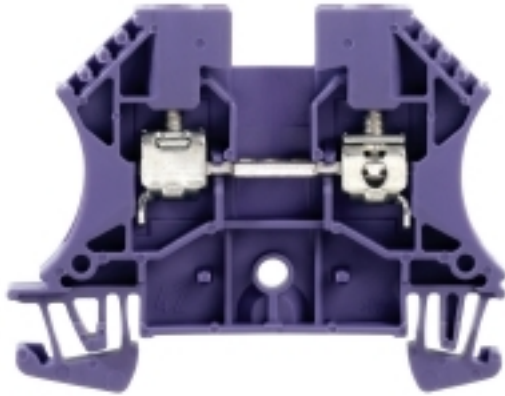
D-32758 Detmold

Germany

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www.weidmueller.com

**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	10.15 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
IEC Ex certificate	IECEXULD05.0008U_e.pdf	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 e II	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector	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		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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Technical data
Conductors for clamping (rated connection)
Clamping range, rated connection, max. 6 mm²

Clamping screw M 3

Cross-section for connected conductor,
finely stranded with wire-end ferrules
and plastic collars DIN 46228/4, rated
connection, min.0.5 mm²

Stripping length 10 mm

Twin wire-end ferrules, min. 0.5 mm²Wire connection cross section AWG,
max. AWG 10Wire connection cross section, finely
stranded with wire-end ferrules DIN
46228/1, rated connection, max.4 mm²Wire connection cross section, finely
stranded, max.6 mm²Wire connection cross section, solid
core, min. rated connection0.5 mm²Wire connection cross section, stranded,
rated connection, min.1.5 mm²Wire connection cross-section, finely
stranded, min.0.5 mm²Clamping range, rated connection, min. 0.13 mm²

Connection direction on side

Number of connections

2

Twin wire-end ferrules, max. 2.5 mm²

Type of connection Screw connection

Wire connection cross section AWG,
min. AWG 26Wire connection cross section, finely
stranded with wire-end ferrules DIN
46228/1, rated connection, min.0.5 mm²Wire connection cross section, solid
core max. rated connection6 mm²Wire connection cross section, stranded,
rated connection, max.6 mm²Wire connection cross-section, finely
stranded with wire-end ferrules and
plastic collars DIN 46228/4, rated
connection, max.4 mm²
Dimensions

TS 35 offset 32 mm

Rating data
Rated cross-section 4 mm²

Rated current 24 A

Rated voltage 800 V

Volume resistance according to IEC
60947-7-x 1 mΩ
UL rating data

Certificate No. (UR) E60693

Conductor size Factory wiring min. (UR) 26 AWG

Conductor size Field wiring min. (UR) 22 AWG

Voltage size C (UR) 600 V

Conductor size Factory wiring max. (UR) 10 AWG

Conductor size Field wiring max. (UR) 10 AWG

Current size C (UR) 35 A

Classifications

ETIM 3.0 EC000897

ETIM 5.0 EC000897

UNSPSC 30-21-18-11

eClass 6.2 27-14-11-20

eClass 8.1 27-14-11-20

eClass 9.1 27-14-11-20

ETIM 4.0 EC000897

ETIM 6.0 EC000897

eClass 5.1 27-14-11-20

eClass 7.1 27-14-11-20

eClass 9.0 27-14-11-20

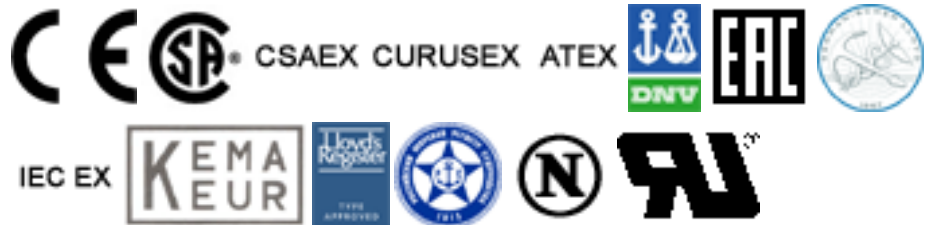
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Technical data

Approvals

Approvals



ROHS

Conform

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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

