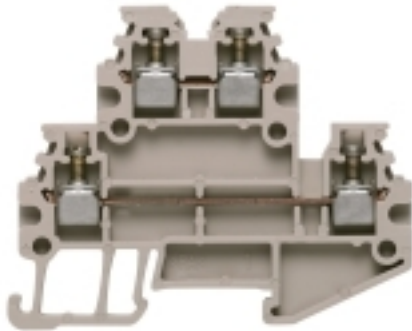


W-Series
WDK 1.5/R3.5

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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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	WDK 1.5/R3.5
Order No.	1753290000
Version	W-Series, Double-tier terminal, Feed-through terminal, Rated cross-section: 1.5 mm ² , Screw connection
GTIN (EAN)	403224802075 1
Qty.	100 pc(s).

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Technical data**Dimensions and weights**

Width	3.5 mm	Width (inches)	0.138 inch
Height	46.5 mm	Height (inches)	1.831 inch
Depth	37.5 mm	Depth (inches)	1.476 inch
Depth including DIN rail	38.5 mm	Weight	12.5 g
Net weight	3.77 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	KEMA99ATEX6545U	Max. voltage (ATEX)	275 V
Current (ATEX)	15 A	Wire cross section max. (ATEX)	1.5 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, One end without connector	Tightening torque (clamping screw for copper conductors)	0.3 Nm
End cover plate required	Yes	Number of potentials	2
Number of levels	2	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 15
N-function	No	PE function	No
PEN function	No		

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

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	0.75 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 with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	0.5 mm ²

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-398	Current size D (CSA)	10 A
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Creation date January 17, 2018 8:45:24 AM CET

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Technical data**Conductors for clamping (rated connection)**

Blade size	0.4 x 2.5 mm	Clamping range, rated connection, max.	1.5 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Clamping screw	M 2
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
Gauge to IEC 60947-1	A1	Number of connections	4
Stripping length	7 mm	Tightening torque, min.	0.3 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 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.	1.5 mm ²
Wire connection cross section, solid core max. rated connection	1.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	1.5 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.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Dimensions

TS 15 offset	13.5 mm
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Rating data

Rated cross-section	1.5 mm ²	Rated voltage	400 V
Rated current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	3.66 mΩ
Rated impulse withstand voltage	4 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size B (UR)	15 A
Current size D (UR)	10 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 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		

Data sheet

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Technical data

Product information

Descriptive text technical data	PZ 6/5 recommended as crimping tool for 1.5 mm ² with wire-end ferrule
Descriptive text accessories	Cross-connections, see section "W series accessories".

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	CFAT_WDK 1.5_R3.5.pdf DE_PT1001_20160418_652_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
User Documentation	Cross Connection Guide

Safety note

Safety notice	Safety Information
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Data sheet

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Drawings

