

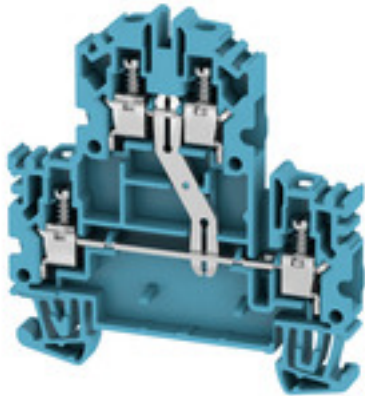
WDK 4N V BL**Weidmüller Interface GmbH & Co. KG**

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	Double-tier terminal, Screw connection, 4 mm ² , 800 V, 32 A, blue
Order No.	1111730000
Type	WDK 4N V BL
GTIN (EAN)	4032248890040
Qty.	50 pc(s).

Creation date March 23, 2021 12:32:36 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	63.25 mm	Depth (inches)	2.49 inch
Depth including DIN rail	64.15 mm	Height	60.7 mm
Height (inches)	2.39 inch	Net weight	16.36 g
Width	6.1 mm	Width (inches)	0.24 inch

Temperatures

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

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO15ATEX1346U	Certificate No. (IECEX)	IECEXULD15.0003U
Max. voltage (ATEX)	550 V	Current (ATEX)	30 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	30 A	Wire cross section max. (IECEX)	6 mm ²

System specifications

Version	Screw connection, for plug-in cross-connector, One end without connector, Vertically cross-connected	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Levels cross-connected internally	Yes
PE connection	No	Rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

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

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

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	4	Stripping length	8 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	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, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Number of poles	1	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 26		

Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	800 V	Rated current	32 A
Current at maximum wires	35 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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 CB Test Certificate CB Certificate EAC certificate EAC EX Certificate
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Operating instructions_WDKV_DKV.pdf StorageConditionsTerminalBlocks NTI WDK-WPE 4N V

Data sheet

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Drawings

