

**W-Series
WDK 4N V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

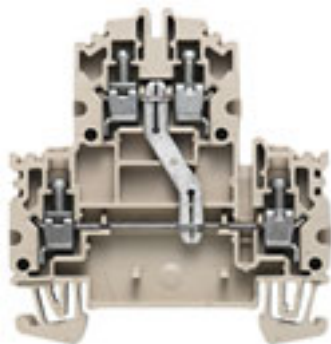
D-32758 Detmold

Germany

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The WDK two-tier modular terminals can feed two potentials in one terminal. The type of cross-connection for potential distribution, which is either a screw (WQV) or plug-in version (ZQV), represents another distinguishing feature.

General ordering data

Order No.	1041910000
Type	WDK 4N V
Version	W-Series, Double-tier terminal, Screw connection, Direct mounting, Beige
GTIN (EAN)	4032248138753
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Length	60.7 mm	Width	6.1 mm
Height	63.25 mm	Height of lowest version	64.15 mm
Net weight	15.09 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA00ATEX2061U	ATEX certificate	KEMA00ATEX2061U_d.pdf
ATEX certificate	KEMA00ATEX2061U_e.pdf	IEC Ex certificate	IECEXULD05.0008U_e.pdf
Max. voltage (ATEX)	550 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting		Version	Screw connection, for plug-in cross-connector, One end without connector, Vertically cross-connected
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Current size C (CSA)	30 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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Technical data
Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	6 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	6 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 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 with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 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 AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

Rated data

Rated voltage	800 V	Rated impulse withstand voltage	8 kV
Rated current	32 A	Current at maximum wires	35 A
Standards	IEC 60947-7-1	Pollution severity	3

UL ratings data

Certificate No. (UR)	E60693VOL1SEC38	Voltage size C (UR)	600 V
Current size C (UR)	35 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG

Material data

Material	Wemid	Colour	Beige
UL 94 flammability rating	V-0		

System specifications

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	Yes	End cover plate required	Yes

Classifications

ETIM 2.0	EC000897	ETIM 3.0	EC000897
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-20
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

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Technical data**Product information**

Descriptive text technical data	Rated voltage: 400 V when using ZQV cross-connection 2 wire H07V-U1.5, tighten with 0.6 Nm.
Descriptive text accessories	Test plug and socket, see section "W-Series accessories". Ensure 2.5 mm ² max. when using the WQB.

Approvals

Approvals



ROHS

Conform