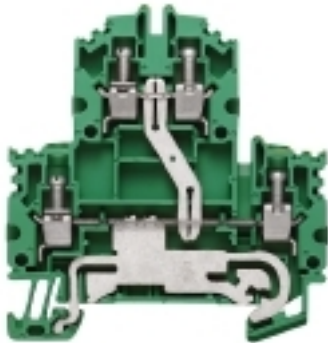


**W-Series
WDK 4N PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The PE terminals are available in two designs: standard and compact (N), with rated cross-section from 1.5 mm² to 150 mm² (e.g. 2.5 mm² – WPE 2.5 or 4 mm² – WPE 4N).

General ordering data

Type	WDK 4N PE
Order No.	1041920000
Version	W-Series, PE terminal, Double-tier terminal, Rated cross-section: Screw connection
GTIN (EAN)	4032248138562
Qty.	100 pc(s).

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Technical data**Dimensions and weights**

Width	6.1 mm	Height	60.7 mm
Height of lowest version	64.15 mm	Depth	63.25 mm
Net weight	20.65 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA00ATEX2061U	ATEX certificate	KEMA00ATEX2061U_d.pdf
ATEX certificate	KEMA00ATEX2061U_e.pdf	IEC Ex certificate	IECExULDO5.0008U_e.pdf
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	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, Vertically cross-connected, With PE connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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	A3
Wire connection cross section, solid core, min. 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.	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 AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 10

Creation date June 18, 2014 9:19:30 AM CEST

Data sheet

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Technical data

Rated data

Rated voltage to adjoining terminal	800 V	Rated impulse withstand voltage to adjacent terminal	8 kV
Standards	IEC 60947-7-2	Pollution severity	3

UL ratings 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

Material data

Material	Wemid	Colour	Yellow, Green
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	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000901	UNSPSC	30-21-18-11
eClass 5.1	27-14-03-05	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Product information

Descriptive text accessories	Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).
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Approvals

Approvals



ROHS	Conform
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Data sheet

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Drawings

