

**W-Series
WDK 2.5PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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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 2.5PE
Order No.	1036300000
Version	W-Series, PE terminal, Double-tier terminal, Rated cross-section: Screw connection
GTIN (EAN)	4008190297565
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	5.1 mm	Height	69.5 mm
Depth	62.5 mm	Weight	18.1 g
Net weight	17.62 g		

Temperatures

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

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, With PE connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Connection direction	top	Number of connections	4
Clamping range, rated connection, min.	0.05 mm ²	Clamping range, rated connection, max.	4 mm ²
Clamping screw	M 2.5	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	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	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 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.	2.5 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.	2.5 mm ²

Dimensions

TS 35 offset	32 mm
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Rated data

Rated voltage to adjoining terminal	400 V	Rated impulse withstand voltage to adjacent terminal	6 kV
Standards	IEC 60947-7-2	Pollution severity	3

Data sheet

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UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	22 AWG		

PT OKIECEx/ATEX rating data

Certificate No. (ATEX)	KEMA98ATEX1687U	ATEX certificate	KEMA98ATEX1687U_d.pdf
ATEX certificate	KEMA98ATEX1687U_e.pdf	Certificate No. (IECEX)	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf	Wire cross section max. (ATEX)	2.5 mm ²
Wire cross section max. (IECEX)	2.5 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	Ex e II
Marking ATEX Directive 94/9/EC	II 2 G D		

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	top	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	PE connection	Yes

PE rating data

PEN function	No	Pollution severity	3
Rated short-time current	300 A (2.5 mm ²)	Standards	IEC 60947-7-2

Classifications

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000491
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
eClass 8.1	27141141	eClass 9.0	27141141

Product information

Descriptive text technical data	2.5 mm ² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).
Descriptive text accessories	Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Data sheet

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Technical data

Approvals

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ROHS

Conform

Data sheet

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Drawings

