

W-Series
WDK 1.5/R3.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

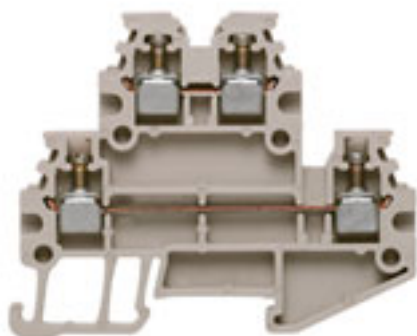
D-32758 Detmold

Germany

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www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal.

Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

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, Direct mounting
GTIN (EAN)	4032248020751
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Length	46.5 mm	Width	3.5 mm
Height	37.5 mm	Height of lowest version	38.5 mm
Weight	12.5 g	Net weight	3.77 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)	KEMA99ATEX6545U	ATEX certificate	KEMA99ATEX6545U_d.pdf
ATEX certificate	KEMA99ATEX6545U_e.pdf	Max. voltage (ATEX)	275 V
Current (ATEX)	15 A	Wire cross section max. (ATEX)	1.5 mm ²
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking EN 60079-7	Ex e II	Marking ATEX Directive 94/9/EC	II 2 G D

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
	Snap-on		

CSA ratings data

Certificate No. (CSA)	12400-398	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A	Wire cross section max. (CSA)	14 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.	1.5 mm ²
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Technical data
Clampable wires (rated connection)

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

Dimensions

TS 15 offset	13.5 mm
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Rated data

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

UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V	Current size B (UR)	15 A
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 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	No	Mounting rail	TS 15
End cover plate required	Yes		

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Technical data**Classifications**

ETIM 3.0	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		

Product information

Descriptive text technical data PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule

Approvals

Approvals



ROHS

Conform

Data sheet**W-Series
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Drawings