


**General ordering data**

Order No.	1754180000
Part designation	WDK 1.5/R3.5 BL
Version	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 15
EAN	4032248020768
Qty.	100 pc(s).

**Product notes**

Note, technical data	PZ 6/5 recommended as crimping tool for 1.5 mm <sup>2</sup> with wire-end ferrule
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**PT OKIECEEx/ATEX rating data**

EU-type examination certificate	KEMA99ATEX6545U
Download, German	KEMA99ATEX6545U_d.pdf
Download English	KEMA99ATEX6545U_e.pdf
ATEX voltage	275 V
ATEX current	15 A
ATEX conductor cross-section	1.5 mm <sup>2</sup>
Voltage when using cross-connections	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	Ex II 2 G D

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

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	0.75 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	0.75 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>

**Additional technical data**

Colour of insulating material	blue
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 15
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

**CSA rating data**

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 16

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	7 mm
Clamping screw	M 2
Blade size	0.4 x 2.5 mm
Tightening torque range	0.3 Nm
Gauge to IEC 60947-1	A1
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	2.08 mm <sup>2</sup>

**Dimensions**

Width	3.5 mm <sup>2</sup>
Height of lowest version	38.5 mm
Length	46.5 mm
Weight	12.5 g
TS 15 offset	23 mm

**Rating data**

Rated cross-section	1.5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	4 kV
Rated current	16 A
Standards	IEC 60947-7-1
Current with max. conductor	16 A
Pollution severity	3

**UL rating data**

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 14

**Approvals**

Approvals institutes

**Classifications**

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-23
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

**Similar products**

Order No.	Part designation	Version
1753290000	WDK 1.5/R3.5	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 15

1753280000	WDU 1.5/R3.5	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 15
1754170000	WDU 1.5/R3.5 BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 15
1798460000	WPE 1.5/R3.5	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 15