



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



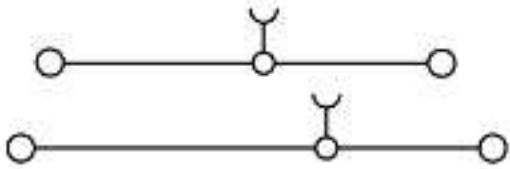
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





#### General ordering data

Order No.	1753290000
Part designation	WDK 1.5/R3.5
Version	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 15
EAN	4032248020751
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	dark beige
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
1754180000	WDK 1.5/R3.5 BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Screw connection, Wemid, blue, 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