



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!



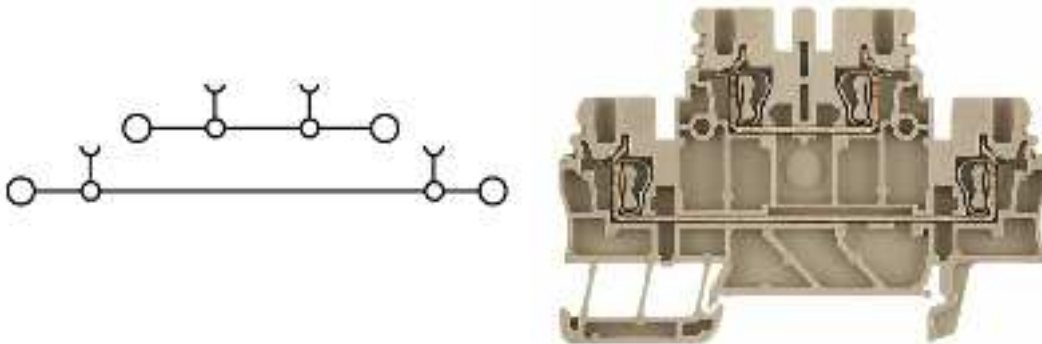
## Contact us

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#### General ordering data

Order No.	1791110000
Part designation	ZDK 1.5 BL
Version	Modular terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
EAN	4032248239122
Qty.	100 pc(s).

#### Product notes

Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .
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#### Additional technical data

Colour of insulating material	blue
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
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	Z-series
Type of connection	Clamped
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Double terminal

#### CSA rating data

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 28

#### CSA rating data

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. 0.05 mm<sup>2</sup>  
 Clamping range, max. 1.5 mm<sup>2</sup>  
 Type of connection Tension clamp connection  
 2nd type of connection clamped  
 Connection direction top  
 No. of connections 4  
 Stripping length 10 mm  
 Blade size 0.4 x 2.0 mm  
 Gauge to IEC 60947-1 B1  
 Solid, min. 0.5 mm<sup>2</sup>  
 Solid, 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>  
 Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 1.5 mm<sup>2</sup>  
 Twin wire-end ferrule, min. 0.5 mm<sup>2</sup>  
 Twin wire end ferrule, max. 0.75 mm<sup>2</sup>  
 AWG conductor size, min. AWG 28  
 AWG conductor size, max. AWG 16  
 AWG conductor size, min. 0.05 mm<sup>2</sup>  
 AWG conductor size, max. 1.31 mm<sup>2</sup>

#### Dimensions

Width 3.5 mm  
 Height of lowest version 50 mm  
 Length 75.5 mm  
 TS 35 offset 42 mm

#### Rating data

Rated cross-section 1.5 mm<sup>2</sup>  
 Rated voltage 500 V  
 Rated impulse voltage 6 kV  
 Rated current 17.5 A  
 Standards IEC 60947-7-1  
 Current with max. conductor 17.5 A  
 Pollution severity 3

#### UL rating data

Voltage (UL) 300 V

#### UL rating data

Current (UL)	10 A
Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 16

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1	27-14-11-18
eClass 5.0	27-14-11-18
eClass 5.1	27-14-11-18

#### Similar products

Order No.	Part designation	Version
1791100000	ZDK 1.5	Modular terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1791120000	ZDK 1.5DU-PE	Modular terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1791130000	ZDK 1.5V	Modular terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1791140000	ZDK 1.5V BL	Modular terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35