



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!



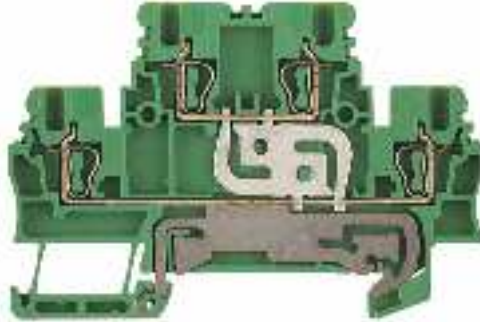
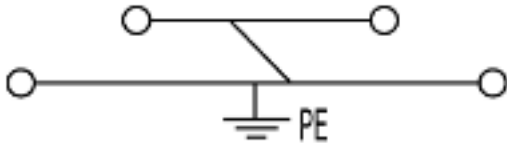
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General ordering data

Order No.	1791150000
Part designation	ZDK 1.5PE
Version	Earth terminal, 1.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4032248239092
Qty.	100 pc(s).

Product notes

Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² .
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PT OKIECEEx/ATEX rating data

Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

Colour of insulating material	green/yellow
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	Yes
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	PE terminal

CSA rating data

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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	1.5 mm ²
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 ²
Solid, max.	1.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	0.75 mm ²
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 16
AWG conductor size, min.	0.05 mm ²
AWG conductor size, max.	1.31 mm ²

Dimensions

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

PE rating data

PEN function	No
Pollution severity	3
Rated cross-section	1.5 mm ²
Rated impulse withstand voltage to adjacent terminal	6 kV
Rated short-time current	180 A (1,5 mm ²)
Rated voltage for adjacent terminal	500 V
Standards	IEC 60947-7-2

UL rating data

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

Approvals

Approvals institutes



Downloads

STEP	1791150000_31928_ZDK_1.5PE_STP.stp
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Classifications

eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

Similar products

Order No.	Part designation	Version
1775510000	ZPE 1.5	Earth terminal, 1.5 mm ² , Tension clamp connection, Wemid, green, TS 35
1775560000	ZPE 1.5/3AN	Earth terminal, 1.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
1775620000	ZPE 1.5/4AN	Earth terminal, 1.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35