



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!



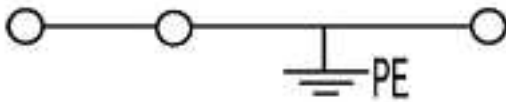
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General ordering data

Order No.	1608650000
Part designation	ZPE 2.5/3AN
Version	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4008190076559
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

EU-type examination certificate	KEMA97ATEX2521U
Download, German	KEMA97ATEX2521U_d.pdf
Download English	KEMA97ATEX2521U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX conductor cross-section	2.5 mm ²
IECEX conductor cross-section	2.5 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity
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"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No

Additional technical data

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	3
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 12

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)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	4 mm ²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	3
Stripping length	10 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 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)	2.5 mm ²
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.05 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	39.5 mm
Length	64.5 mm
TS 35 offset	32.5 mm

PE rating data

PEN function	No
Pollution severity	3
Rated cross-section	2.5 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	300 A (2.5 mm ²)
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2

UL rating data

Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes



Downloads

STEP	1608650000_20784_ZPE_2.5-3AN_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
1690000000	ZDK 2.5PE	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
1608640000	ZPE 2.5	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
1608660000	ZPE 2.5/4AN	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35