



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!



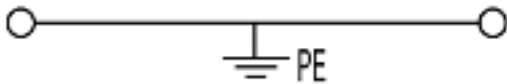
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General ordering data

Order No.	1770380000
Part designation	ZPE 4-2/2AN
Version	Earth terminal, 4 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4032248142972
Qty.	100 pc(s).

Product notes

Product description	The compact terminal range for conductor cross-sections 0.13 to 16 mm ²
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PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX4677U
Download, German	KEMA97ATEX4677U_d.pdf
Download English	KEMA97ATEX4677U_e.pdf
ATEX conductor cross-section	4 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	Inclined / angled
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2

Additional technical data

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 10

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)	4 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	Inclined / angled
No. of connections	2
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.	6 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)	4 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)	4 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	5.26 mm ²

Dimensions

Width	6.1 mm
Height of lowest version	46 mm
Length	61.5 mm
TS 35 offset	33 mm

PE rating data

PEN function	No
Pollution severity	3

PE rating data

Rated cross-section	4 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	480 A (4 mm ²)
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2

UL rating data

Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 10

Approvals

Approvals institutes



Downloads

STEP	1770380000_30060_ZPE4_2_2AN_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
1770390000	ZPE 4-2/3AN	Earth terminal, 4 mm ² , Tension clamp connection, Wemid, green, TS 35
1807090000	ZPE 4-2/4AN	Earth terminal, 4 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35