



General ordering data

Order No.	1706100000
Part designation	ZPE 2.5 2/4AN
Version	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4008190915445
Qty.	100 pc(s).

Product notes

Note, technical data	2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
Product description	The compact terminal range for conductor cross-sections 0.13 to 16 mm ²

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX4677U
Download, German	KEMA97ATEX4677U_d.pdf
Download English	KEMA97ATEX4677U_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	Inclined / angled
End plate required	Yes
Explosion-tested version "Ex e"	Yes

Additional technical data

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	4
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 30
Max. cross-section (CSA)	AWG 14

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.	0.13 mm ²
Clamping range, max.	4 mm ²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	Inclined / angled
No. of connections	4
Stripping length	10 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A2
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 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)	1.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	44 mm

Dimensions

Length	50.5 mm
TS 35 offset	26 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 26
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes

**Downloads**

STEP	1706100000_25721_ZPE_2.5-2_4AN_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
1791010000	ZDK 2.5-2PE	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
1805940000	ZDKPE 2.5-2	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1895700000	ZDKPE 2.5-2/N/L/PE	Modular terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, TS 35

1772090000	ZPE 2.5-2	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/ yellow, TS 35
1706090000	ZPE 2.5-2/3AN	Earth terminal, 2.5 mm ² , Tension clamp connection, Wemid, green/ yellow, TS 35