

**General ordering data**

Order No.	1608640000
Short text for material	ZPE 2.5
EAN	4008190076733
Qty	100

IEC/EN 60079-7 rating data

Certificate No.	KEMA97ATEX2521U
Certificate No.	IECEXULD05.0009U
Conductor cross-section, max.	2.5 mm ²
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Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

No. of identical terminals	1
Type of connection	clamped
Type of mouting	clipped
Version	PE terminal
Installation advice	TS 35
UL 94 flammability rating of insulation material	V-0
Insulating material	Wemid
Colour of insulating material	green/yellow
Operating temperature range	- 50 °C, + 120 °C
Open sides	right
No. of levels	1
Product range	Z-series
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	Yes
Connection direction	top

CSA rating data

Max. cross-section (CSA)	AWG 12
Min. cross-section (CSA)	AWG 26

Conductors for clamping (rated connection)

Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm ²
Clamping range, max.	4 mm ²
Clamping range, min.	0,05 mm ²
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
AWG conductor size, max.	3,31 mm ²
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0,05 mm ²
AWG conductor size, min.	AWG 30
Connection direction	top
Flexible, min.	0,5 mm ²
2nd type of connection	clamped
Solid, min.	0,5 mm ²
Stripping length	10 mm
Type of connection	Tension clamp connection
No. of connections	2
Solid, max.	4 mm ²
Flexible, max.	4 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²

Dimensions

Length	59,5 mm
Height of lowest version	39,5 mm
Width	5,1 mm
TS 35 offset	10 mm

PE rating data

PEN function	No
Pollution severity	3
Rated impulse withstand voltage to adjacent terminal	8 kV
Norm	IEC 60947-7-2
Rated voltage for adjacent terminal	800 V
Rated cross-section	2,5 mm ²

UL rating data

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

Approvals

Approvals CSA;GOST;0344;UL/UR;EX;CE;

Approvals



Approvals

Approvals



Downloads

STEP

1608640000_20747_ZPE_2.5_STP.

Classifications

ETIM 2.0	EC000901
ETIM 3.0	EC000901
eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

Related products

Order No.	Short text for material
1690000000	ZDK 2.5PE
1608650000	ZPE 2.5/3AN
1608660000	ZPE 2.5/4AN