



General ordering data

Order No.	1608670000
Part designation	ZPE 6
Version	Earth terminal, 6 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4008190259242
Qty.	50 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	6 mm ²
IECEX conductor cross-section	6 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	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 20
Max. cross-section (CSA)	AWG 8

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)	6 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.22 mm ²
Clamping range, max.	10 mm ²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	2
Stripping length	13 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	6 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)	6 mm ²
AWG conductor size, min.	AWG 22
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.33 mm ²
AWG conductor size, max.	8.37 mm ²

Dimensions

Width	8.1 mm
Height of lowest version	45.5 mm
Length	65 mm

Dimensions

TS 35 offset 32.5 mm

PE rating data

PEN function No
 Pollution severity 3
 Rated cross-section 6 mm²
 Rated impulse withstand voltage to adjacent terminal 8 kV
 Rated short-time current 720 A (6 mm²)
 Rated voltage for adjacent terminal 800 V
 Standards IEC 60947-7-2

UL rating data

Min. cross-section (UL) AWG 22
 Max. cross-section (UL) AWG 8

Approvals

Approvals institutes



Downloads

DXF 20795_ZPE_6_DXF.dxf
 STEP 1608670000_20795_ZPE6_STP.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

Similar products

Order No.	Part designation	Version
7907400000	ZPE 6/3AN	Earth terminal, 6 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35