



#### General ordering data

Order No.	1746770000
Part designation	ZPE 10
Version	Earth terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4008190996734
Qty.	25 pc(s).

#### Product notes

Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .
---------------------	---

#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA99ATEX5514U
Download, German	KEMA99ATEX5514U_d.pdf
Download English	KEMA99ATEX5514U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX conductor cross-section	10 mm <sup>2</sup>
IECEX conductor cross-section	10 mm <sup>2</sup>
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 16
Max. cross-section (CSA)	AWG 6

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	1.31 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	2
Stripping length	18 mm
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	A6
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	10 mm <sup>2</sup>
Stranded, max.	16 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm <sup>2</sup>
AWG conductor size, max.	13.3 mm <sup>2</sup>

**Dimensions**

Width	10.1 mm
Height of lowest version	50.5 mm
Length	73.5 mm

#### Dimensions

TS 35 offset 39 mm

#### PE rating data

PEN function No  
 Pollution severity 3  
 Rated cross-section 10 mm<sup>2</sup>  
 Rated impulse withstand voltage to adjacent terminal 8 kV  
 Rated short-time current 1200 A (10 mm<sup>2</sup>)  
 Rated voltage for adjacent terminal 800 V  
 Standards IEC 60947-7-2

#### UL rating data

Min. cross-section (UL) AWG 16  
 Max. cross-section (UL) AWG 6

#### Approvals

Approvals institutes



#### Downloads

STEP 1746770000\_28145\_ZPE\_10\_STP.stp

#### 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
1767670000	ZPE 10/3AN	Earth terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, green/yellow, TS 35