



General ordering data

Order No.	1745250000
Part designation	ZPE 16
Version	Earth terminal, 16 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35
EAN	4008190996789
Qty.	25 pc(s).

Product notes

Note, technical data	To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² .
Note, accessories	The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

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	16 mm ²
IECEX conductor cross-section	16 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

Additional technical data

Explosion-tested version "Ex e"	No
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
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 14
Max. cross-section (CSA)	AWG 4

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm ²
Clamping range, max.	25 mm ²
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	A7
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	25 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	16 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	16 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm ²
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 4
AWG conductor size, min.	1.5 mm ²
AWG conductor size, max.	21.15 mm ²

Dimensions

Width	12.1 mm
Height of lowest version	51.5 mm
Length	82.5 mm
TS 35 offset	42 mm

PE rating data

PEN function	Yes
Pollution severity	3
Rated cross-section	16 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	1920 A (16 mm ²)
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2

UL rating data

Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 4

Approvals

Approvals institutes

**Downloads**

STEP	1745250000_28040_ZPE_16_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
1768310000	ZPE 16/3AN	Earth terminal, 16 mm ² , Tension clamp connection, Wemid, green/yellow, TS 35