# imall

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#### General ordering data

Order No. Part designation Version

#### EAN Qty.

Product notes Product description

### **PT OKIECEx/ATEX rating data**

EU-type examination certificate Download, German Download English IECEx Certificate of Conformity Download ATEX conductor cross-section IECEx conductor cross-section Voltage when using cross-connections Operating temperature range

Marking EN 60079-7 Marking ATEX Directive 94/9/EC

Additional technical data

Colour of insulating material Connection direction End plate required Explosion-tested version "Ex e" Installation advice Insulating material Levels cross-connected internally 1608670000 ZPE 6 Earth terminal, 6 mm², Tension clamp connection, Wemid, green/yellow, TS 35 4008190259242 50 pc(s).

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

KEMA97ATEX2521U KEMA97ATEX2521U\_d.pdf KEMA97ATEX2521U\_e.pdf IECEXULD05.0009U IECEXULD05.0009U\_e.pdf 6 mm<sup>2</sup> 6 mm<sup>2</sup> CrossConnectionGuide.pdf Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity Ex e II Ex II 2 G D

green/yellow
top Yes
Yes
Yes
TS 35
Wemid
No



No. of identical terminals     1       No. of levels     1       No. of levels     1       No. of terminal sitips per level     2       Operating temperature range     -50 °C, + 120 °C       Product family     Z-series       Type of onnection     Clamped       Type of onnection     Clamped       Version     PE terminal       Conductors for clamping (additional contention)     AWG 20       Max. cross-section (CSA)     AWG 20       Max. cross-section (CSA)     AWG 20       Conductors for clamping (additional contention)     Brm <sup>2</sup> Conductors for clamping (additional contention)     Brm <sup>2</sup> Clamping range, min.     0.22 mm <sup>2</sup> Clamping range, min.     0.24 mm <sup>2</sup> Clamping range, min.     0.27 mm <sup>2</sup> Stripping lenger, min.     0.5 mm <sup>2</sup> Sold, min.     0.5 mm <sup>2</sup> Sold, min.     0.5 mm <sup>2</sup> Sold, min.     0.5 mm <sup>2</sup> <		
No. of levels   1     No. of terminal strips per level   2     Open sides   right     Open sides   right     Open sides   right     Open sides   Snap-on     UL 94 flammability rating of insulation material   V-0     Version   PE terminal     CSA rating data	Additional technical data	
No. of terminal strips per level   2     Open sides   right     Openating 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     Connection (CSA)   AWG 20     Max. cross-section (CSA)   AWG 20     Max. cross-section (CSA)   AWG 20     Conductors for clamping (additional connection)   Environmental connection     Flexible with ferrule, min. (DIN 46228 pt 1)   0.5 mm²     Flexible with ferrule, max. (DIN 46228 pt 1)   0.5 mm²     Clamping range, min.   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   Tension clamp connection     Connection frection   top     No. of connections   2     Stripping length   13 mm     Biade size   0.6 x 3.5 mm²     Solid, min.   0.5 mm²     Solid, min.   0.5 mm²     Stranded, max.   10 mm²     Stranded, max.   10 mm²     <		
Open alides   right     Operating temperature range   - 50 °C, + 120 °C     Product family   Z series     Type of connection   Clamped     Type of connection   Clamped     Version   PE terminal     OSA ration data   V-0     Version   PE terminal     OSA ration data		
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     CGA rating data   Min. cross-section (CSA)   AWG 20     Max. 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 mm²     Flexible with ferrule, max. (DIN 46228 pt 1)   0.5 mm²   Clamping range, min.     Clamping range, min.   0.22 mm²   Clamping range, min.     Clamping range, min.   0.22 mm²   Clamping range, min.     Vipe of connection   clamped   Connection     Connection flection   top   No. of connection     No. of connection   2   Stripping length   13 mm     Blade size   0.6 x3.5 mm²   Stranded, min.   0.5 mm²     Stranded, min.   1.5 mm²   Stranded, min.   0.5 mm²     Stranded, min.   1.5 mm²   Stranded, min.   0.5 mm²     Flexible, min.		
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 class		
Type of connection     Clamped       Type of mounting     Snap-on       UL 94 flammability rating of insulation material     V-0       Version     PE terminal       CSA rating class     MWG 20       Min. cross-section (CSA)     AWG 20       Max. cross-section (CSA)     AWG 3       Conductors for clamping (additional connection)     Conductors for clamping (additional connection)       Flexible with ferrule, min. (DIN 46228 pt 1)     0.5 mm²       Conductors for clamping (rated connection)     Clamping range, max.       Clamping range, max.     10 mm²       Type of connection     clamped       Connection direction     clamped       Connection direction     clamped       Connection direction     clamped       Connection S     2       Stripping length     13 mm       Blade size     0.6 x3.5 mm       Solid, min.     0.5 mm²       Stranded, max.     10 mm²       Stranded, max.     10 mm²       Stranded, max.     10 mm²       Flexible with ferrule, max. (DIN 46228/1)     0.5 mm²       Flexible, min., ferrule with plastic col		
Type of mounting     Snap-on       UL 94 flammability rating of insulation material     V-0       Version     PE terminal       CSA rating data     AWG 20       Max. cross-section (CSA)     AWG 8       Conductors for clamping (additional connection)     AWG 8       Conductors for clamping (additional connection)     Fexible with ferrule, max. (DIN 46228 pt 1)       Flexible with ferrule, max. (DIN 46228 pt 1)     0.5 mm²       Flexible with ferrule, max. (DIN 46228 pt 1)     0.22 mm²       Clamping range, min.     0.22 mm²       Clamping range, max.     10 mm²       Type of connection     Tension clamp connection       Connection for clamping (additional connection)     Connection       Stripping length     13 mm       Blade size     0.6 x 3.5 mm       Gauge to IEC 60947-1     A5       Solid, min.     0.5 mm²       Stranded, max.     10 mm²       Stranded, max.     10 mm²       Flexible, min, fin.     0.5 mm²       Flexible, min, ferrule with plastic collar (DIN 46228/1)     6 mm²       Flexible, min, ferrule with plastic collar (DIN 46228/1)     6 mm²       Fl		
UL 94 flammability rating of insulation material   V-0     Version   PE terminal     CSA rating data		•
Version PE terminal   CSA rating data AWG 20   Max. 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 mm²   Flexible with ferrule, max. (DIN 46228 pt 1) 6 mm²   Conductors for clamping (rated connection) 0.22 mm²   Clamping range, min. 0.22 mm²   Clamping range, min. 0.22 mm²   Clamping range, min. 0.22 mm²   Connections for clamping (rated connection) Tension clamp connection   Type of connection Tension clamp connection   Solid, max. 10 mm²   Stripping length 13 mm   Blade size 0.6 x 3.5 mm   Gauge to IEC 60947-1 A5   Solid, min. 0.5 mm²   Stranded, min. 1.5 mm²   Stranded, min. 1.5 mm²   Flexible, max. 10 mm²   Flexible, min. 0.5 mm²   Flexible, min. 0.5 mm²   Flexible, min. 0.5 mm²   Flexible, min. 0.5 mm²   Flexible, min., forrule with plastic collar (DIN 6 mm²   Flexible, min., ferrule with plastic collar (DIN 6 mm²   Flexible, min., ferrule with plastic collar (DIN		
CSA rating data   AWG 20     Min. cross-section (CSA)   AWG 8     Conductors for clamping (additional connection)   Exible with ferrule, min. (DIN 46228 pt 1)   6 mm²     Flexible with ferrule, max. (DIN 46228 pt 1)   6 mm²   6 mm²     Conductors for clamping (rated connection)   0.22 mm²   (Clamping range, min.   0.22 mm²     Clamping range, max.   10 mm²   0 mm²   (Connection 1)   (Connection 1)     7ype of connection   clamped   (Connection 1)   (Con		
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 mm²     Conductors for clamping (rated connection)      Clamping range, min.   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   clamped     Connection field   13 mm     Blade size   0.6 x 3.5 mm     Gauge to IEC 60947-1   A5     Solid, min.   0.5 mm²     Solid, min.   0.5 mm²     Stranded, min.   10 mm²     Flexible, min.   0.5 mm²     Flexible, min., forule with plastic collar (DIN   6 mm²     Flexible, max, ferrule with plastic collar (DIN   6 mm²<	Version	PE terminal
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 mm²     Conductors for clamping (rated connection)   6 mm²     Connection   0.22 mm²     Clamping range, min.   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   clamped     Connection flection   topp     No. of connection   topp     Stripping length   13 mm     Blade size   0.6 x 3.5 mm     Gauge to IEC 60947-1   A5     Solid, min.   0.5 mm²     Stranded, min.   10 mm²     Stranded, min.   0.5 mm²     Flexible min.   0.5 mm²     Flexible, min., forule with plastic collar (DIN   6 mm²     Flexible, max, ferrule with plastic collar (DIN   6 mm²	CSA rating data	
Max. cross-section (CSÅ) AWG 8   Conductors for clamping (additional connection) 0.5 mm²   Flexible with ferrule, min. (DIN 46228 pt 1) 0.5 mm²   Clamping range, max. (DIN 46228 pt 1) 0 mm²   Clamping range, max. 10 mm²   Clamping range, max. 10 mm²   Clamping range, max. 10 mm²   Stripping length clamped   Conductors for clamping (rated connection) clamped   Connection clamped   Connection firection clamped   Connection direction clamped   Connections 2   Stripping length 13 mm   Blade size 0.6 x 3.5 mm   Gauge to IEC 60947-1 A5   Solid, max. 10 mm²   Stranded, min. 1.5 mm²   Stranded, max. 10 mm²   Flexible, min. 0.5 mm²   Flexible, min. 0.5 mm²   Flexible, min., ferrule with plastic collar (DIN 6 mm²   Flexible, max, ferrule with plastic collar (DIN 6 mm²   46228 pt 4) Flexible, max, ferrule with plastic collar (DIN   Flexible, max, ferrule with plastic collar (DIN 6 mm²   4WG conductor size, min. 0.33 mm²   AWG conductor size, min. 0.33 mm²   AWG conductor s		AWG 20
Conductors for clamping (additional connection)     Flexible with ferrule, min. (DIN 46228 pt 1)   0.5 mm²     Flexible with ferrule, max. (DIN 46228 pt 1)   6 mm²     Conductors for clamping (rated connection)   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   0.22 mm²     Conductors for clamping (rated connection)   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   clamped     Connection direction   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, max.   10 mm²     Stranded, min.   1.5 mm²     Stranded, max.   10 mm²     Flexible, min.   0.5 mm²     Flexible, min.   0.5 mm²     Flexible, min.   0.5 mm²     Flexible, min.   0.5 mm²     Flexible, min., forule with plastic collar (DIN   0.5 mm²     Flexible, max, ferrule with plastic collar (DIN   6 mm²     Flexible, max, ferrule with plastic collar (DIN   6 mm²		
Connection)     Flexible with ferrule, max. (DIN 46228 pt 1)   6 mm <sup>2</sup> Conductors for clamping (rated connection)     Clamping range, min.   0.22 mm <sup>2</sup> Clamping range, max.   10 mm <sup>2</sup> Type of connection   clamped     Conductors for clamping (rated connection)   0.22 mm <sup>2</sup> Clamping range, max.   10 mm <sup>2</sup> 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 <sup>2</sup> Stranded, max.   10 mm <sup>2</sup> Stranded, max.   10 mm <sup>2</sup> Flexible, min.   0.5 mm <sup>2</sup> Flexible, min., ferrule with plastic collar (DIN   6 mm <sup>2</sup> Flexible, min., ferrule with plastic collar (DIN   6 mm <sup>2</sup> Flexible, max, ferrule with plastic collar (DIN   6 mm <sup>2</sup> Flexible, max, ferrule with pl		
Flexible with ferrule, max. (DIN 46228 pt 1)   6 mm²     Clamping range, min.   0.22 mm²     Clamping range, max.   10 mm²     Type of connection   Tension clamp connection     2nd type of connection   clamped     Conductor for clamping range, max.   10 mm²     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 mm²     Solid, max.   10 mm²     Stranded, min.   1.5 mm²     Stranded, max.   10 mm²     Flexible, max.   10 mm²     Flexible, min.   0.5 mm²     Flexible, max.   5 mm²     Flexible, max.   5 mm²     Flexible, min.   0.5 mm²     Flexible, min.   0.5 mm²     Flexible, max.   6 mm²     Flexible, max.   6 mm²     Flexible, max.   6 mm²     Flexible, max.   6 mm²     Kord conductor size, min.   AWG 22		
Flexible with ferrule, max. (DIN 46228 pt 1)   6 mm²     Conductors for champing (rated connection)   0.22 mm²     Clamping range, max.   10 mm²     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 mm²     Solid, max.   10 mm²     Stranded, min.   1.5 mm²     Stranded, min.   0.5 mm²     Flexible, min., ferrule with plastic collar (DIN   6 mm²     46228 pt 4)   6 mm²     AWG conductor size, min.   AWG 22     AWG conductor size, min.   AWG 22     AWG conducto		0.5 mm <sup>2</sup>
Clamping range, min.0.22 mm²Clamping range, max.10 mm²Type of connectionTensiton clamp connection2nd type of connectiontopNo. of connection directiontopNo. of connections2Stripping length13 mmBlade size0.6 x 3.5 mmGauge to IEC 60947-1A5Solid, min.0.5 mm²Solid, min.0.5 mm²Stranded, max.10 mm²Flexible, min.0.5 mm²Flexible, max.10 mm²Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)0.5 mm²Affect collar (DIN 46228 pt 4)6 mm²AWG conductor size, min.AWG 22AWG conductor size, min.0.33 mm²AWG conductor size, max.8.37 mm²AWG conductor size, max.8.37 mm²Dimensions45.5 mm 45.5 mm LengthLength65 mm	Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>
Clamping range, min.0.22 mm²Clamping range, max.10 mm²Type of connectionTensiton clamp connection2nd type of connectiontopNo. of connection directiontopNo. of connections2Stripping length13 mmBlade size0.6 x 3.5 mmGauge to IEC 60947-1A5Solid, min.0.5 mm²Solid, min.0.5 mm²Stranded, min.10 mm²Flexible, min.0.5 mm²Flexible, max.(DIN 46228/1)Flexible, max.0.5 mm²Flexible, max.(DIN 46228/1)Gauge to action (DIN0.5 mm²Hexible, max, ferrule with plastic collar (DIN6 mm²46228 pt 4)	Conductors for clamping (rated connection)	
Clamping range, max.10 mm²Type of connectionTension clamp connection2nd type of connectionclampedConnection directiontopNo. of connections2Stripping length13 mmBlade size0.6 x 3.5 mmGauge to IEC 60947-1A5Solid, min.0.5 mm²Solid, max.10 mm²Stranded, min.1.5 mm²Stranded, max.10 mm²Flexible, max.10 mm²Flexible, max.10 mm²Flexible, max.0.5 mm²Flexible, max.0.5 mm²Flexible, max.0.5 mm²Flexible, max.0.5 mm²Flexible, max., forrule with plastic collar (DIN 46228 pt 4)6 mm²Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)6 mm²AWG conductor size, min.AWG 8AWG conductor size, max.8.37 mm²Dimonsions45.5 mmUnterstore65 mmLength65 mm		0.22 mm <sup>2</sup>
Type of connectionTension clamp connection2nd type of connectiontopConnection directiontopNo. of connections2Stripping length13 mmBlade size0.6 x 3.5 mmGauge to IEC 60947-1A5Solid, min.0.5 mm²Solid, max.10 mm²Stranded, max.10 mm²Stranded, max.10 mm²Flexible, min.0.5 mm²Flexible, min.0.5 mm²Flexible, min.0.5 mm²Flexible, max.10 mm²Flexible, min.0.5 mm²Flexible, min.0.5 mm²Flexible, max.10 mm²Flexible, max.10 mm²Flexible, min., forll 46228/1)6 mm²Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)6 mm²AWG conductor size, min.AWG 22AWG conductor size, max.8.37 mm²AWG conductor size, max.8.37 mm²Dimonsions45.5 mmLength65 mm		
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Solid, max.10 mm²Stranded, min.1.5 mm²Stranded, max.10 mm²Flexible, min.0.5 mm²Flexible, max.10 mm²Flexible with ferrule, min. (DIN 46228/1)0.5 mm²Flexible with ferrule, max. (DIN 46228/1)6 mm²Flexible, min., ferrule with plastic collar (DIN0.5 mm²Flexible, max., ferrule with plastic collar (DIN0.5 mm²A6228 pt 4)6 mm²Flexible, max., ferrule with plastic collar (DIN6 mm²AWG conductor size, min.AWG 22AWG conductor size, min.0.33 mm²AWG conductor size, max.8.37 mm²Dimensions8.1 mmHeight of lowest version45.5 mmLength65 mm	•	
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Height of lowest version 45.5 mm   Length 65 mm		
Length 65 mm		
<u> </u>	Height of lowest version	45.5 mm
-2- Weidmüller E	Length	65 mm
-2- Weidmüller 🕰		
		-2- Weidmuller 🛣

TS 35 offset	32.5 mm
DE votion data	
PE rating data	
PEN function	No
Pollution severity	3
Rated cross-section	6 mm²
Rated impulse withstand voltage to adjacent	8 kV
terminal	
	$720 \wedge (6 \text{ mm}^2)$
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



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# Classifications

eClass 4.1 eClass 5.0 eClass 5.1 27-14-03-05 27-14-03-05 27-14-03-05

# Similar products

Order No. 7907400000

ZPE 6/3AN

Version

Earth terminal, 6 mm<sup>2</sup>, Tension clamp connection, Wemid, green/ yellow, TS 35



