

**Z terminal earth terminal  
ZPE 6 S**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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Installation terminals are used for power supply and distribution in small and subdistribution boards in building installations and also in electrical cabinets.

**General ordering data**

Order No.	<a href="#">1808350000</a>
Type	ZPE 6 S
Version	Z terminal earth terminal, Feed-through terminal, Rated cross-section: 6 mm <sup>2</sup> , Tension clamp connection, Wemid, green, Direct mounting
EAN	4032248280582
Qty.	100 pc(s).

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**Technical data**
**Dimensions**

Length	65.5 mm	Width	8.1 mm
Height	49.2 mm	Height of lowest version	50.09 mm

**Temperatures**

Operating temperature	Storage temperature
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**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	End bracket		

**Clampable wires (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>
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**Clampable wires (rated connection)**

Type of connection	Tension clamp connection	Stripping length	12 mm
Blade size	0.6 x 3.5 mm	Connection direction	Inclined / angled
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Clamping range, rated connection, max.	10 mm <sup>2</sup>
Gauge to IEC 60947-1	A5	Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>		

**N-conductor disconnect terminal**

For N-busbar	3 x 10 mm
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**Rated data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	400 V
Rated voltage to adjoining terminal	400 V	Rated impulse withstand voltage	6 kV
Rated impulse withstand voltage to adjacent terminal	6 kV	Standards	IEC 60947-7-2
Pollution severity	3		

**Material data**

Material	Wemid	Colour	yellow, green
Flammability class UL 94	V-0		

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## Technical data

### System specifications

Product family	Z terminal earth terminal	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	Number of levels	1
No. of clamping points per level	2	Levels cross-connected internally	No
End cover plate required	Yes		

### Distribution terminals

N-function	Yes	Number of potentials	1
PE function	Yes		

### Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
ETIM 4.0	EC000491	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-20	eClass 5.1	27-14-11-20
eClass 6.0	27-14-11-20		

### Approvals

Approvals	CE; DETNORVER; GOSTME25; RINA
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### Product information

Note, ordering data	Spacing between mounting plates should be 200mm.
Note, technical data	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).