

**Earth terminal
ZPE 16S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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www.weidmuller.com



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

Type	ZPE 16S
Order No.	1739610000
Version	Earth terminal, Installation multi-tier terminal, PE terminal, Rated cross-section: 16 mm ² , Tension clamp connection, Wemid, Green, Direct mounting
GTIN (EAN)	4008190957063
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Length	95 mm	Width	12 mm
Height	48 mm	Height of lowest version	48.5 mm
Net weight	47.44 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, With PE connection, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	4 AWG
Wire cross section min. (CSA)	14 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	1.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	18 mm
Blade size	1.0 x 5.5 mm	Connection direction	Inclined / angled
Number of connections	2	Clamping range, rated connection, min.	1.5 mm ²
Clamping range, rated connection, max.	25 mm ²	Gauge to IEC 60947-1	A7
Wire connection cross section, solid core, max. rated connection	1.5 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, min.	16 mm ²	Wire connection cross section, stranded, rated connection, max.	25 mm ²
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm ²
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section AWG, max.	AWG 4

N-conductor disconnect terminal

For N-busbar	10 x 3 mm
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Rated data

Rated cross-section	16 mm ²	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		

UL ratings data

Certificate No. (cURus)	E60693VOL1SEC52	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	14 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	14 AWG	Certificate No. (UR)	E60693
Conductor size Factory wiring max. (UR)	4 AWG	Conductor size Factory wiring min. (UR)	14 AWG
Conductor size Field wiring max. (UR)	4 AWG		

Material data

Insulating material	Wemid	Material	Wemid
Colour	Yellow, Green	UL 94 flammability rating	V-0

System specifications

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

Distribution terminals

Number of potentials	1	PE function	Yes
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Classifications

ETIM 3.0	EC000901	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text ordering data	The distance from holding plate to holding plate should be 200 mm.
Descriptive text technical data	To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Approvals

Approvals



ROHS	Conform
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