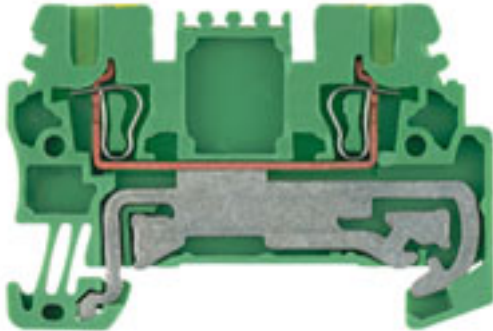


**Z terminal earth terminal
ZPE 1.5**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com



Terminal blocks in tension clamp system and the Z Series are specially customised to the customers' requirements. Less space, spacious labelling area, integrated test point, cross-connection functionality within the Z Series and other Weidmüller terminal lines. Z-Series terminals have a large clamping range and one or two cross-connection slots.

General ordering data

Order No.	1775510000
Type	ZPE 1.5
Version	Z terminal earth terminal, Earth terminal, Rated cross-section: 1.5 mm ² , Tension clamp connection, Wemid, green, Direct mounting
EAN	4032248181452
Qty.	100 pc(s).

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Technical data

Dimensions

Length	54.5 mm	Width	3.5 mm
Height	36.5 mm	Height of lowest version	37 mm

Temperatures

Operating temperature	Storage temperature
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Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA01ATEX2106U	ATEX certificate	KEMA01ATEX2106U_d.pdf
ATEX certificate	KEMA01ATEX2106U_e.pdf	Certificate No. (IECEX)	IECEXULD05.0009U
IEC Ex certificate	IECEXULD05.0009U_e.pdf	Wire cross section max. (ATEX)	1.5 mm ²
Wire cross section max. (IECEX)	1.5 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	II 2 G D		

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Double terminal

CSA ratings data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm ²
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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	0.4 x 2.0 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	1.5 mm ²	Gauge to IEC 60947-1	B1
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	1.5 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Twin wire-end ferrules, max.	0.75 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 16

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Technical data
Rated data

Rated cross-section	1.5 mm ²	Rated voltage to adjoining terminal	500 V
Rated impulse withstand voltage to adjacent terminal	6 kV	Standards	IEC 60947-7-2
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC52	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 AWG

Material data

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

System specifications

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

Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
ETIM 4.0	EC000491	UNSPSC	30-21-18-11
eClass 4.1	27-14-03-05	eClass 5.1	27-14-03-05
eClass 6.0	27-14-03-05		

Approvals

Approvals	CE; CSA; CURUSEX; GOSTME25; IECEXULD; KEMAATEX; KEMAKEUR; LLOYDSREG; UR
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Downloads

STEP	1775510000_31264_ZPE_1.5_STP.stp
3D model	