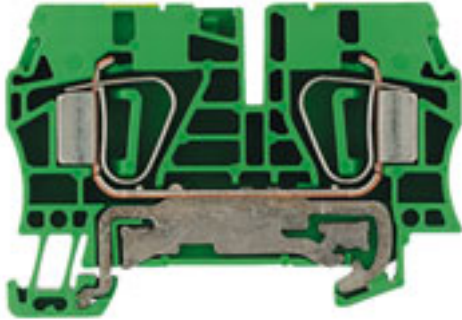


Z-series
ZPE 6

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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

Type	ZPE 6
Order No.	1608670000
Version	Z-series, PE terminal, Rated cross-section: Tension clamp connection, Wemid, green / yellow
GTIN (EAN)	4008190259242
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Length	65 mm	Width	8.1 mm
Height	45 mm	Height of lowest version	45.5 mm
Net weight	21.63 g		

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA97ATEX2521U	ATEX certificate	KEMA97ATEX2521U_d.pdf
ATEX certificate	KEMA97ATEX2521U_e.pdf	IEC Ex certificate	IECEXULD05.0009U_e.pdf
Wire cross section max. (ATEX)	6 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	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
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)	8 AWG
Wire cross section min. (CSA)	20 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.	6 mm ²
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Technical data**Clampable wires (rated connection)**

Type of connection	Tension clamp connection	Stripping length	13 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.22 mm ²
Clamping range, rated connection, max.	10 mm ²	Gauge to IEC 60947-1	A5
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	10 mm ²
Wire connection cross section, finely stranded, max.	10 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.	6 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.	6 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 8

Dimensions

TS 35 offset	39 mm
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Rated data

Rated voltage to adjoining terminal	800 V	Rated impulse withstand voltage to adjacent terminal	8 kV
Standards	IEC 60947-7-2	Pollution severity	3

UL ratings data

Certificate No. (UR)	E60693VOL1SEC52	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG

Material data

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

System specifications

Product family	Z-series	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	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 2.0	EC000901	ETIM 3.0	EC000901
UNSPSC	30-21-18-11	eClass 4.1	27-14-03-05
eClass 5.1	27-14-03-05	eClass 6.2	27-14-03-05
eClass 7.1	27-14-03-05		

Data sheet...

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Technical data

Approvals

Approvals



ROHS

Conform