

**Z-series
ZPEB 2.5-2**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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This range of small terminals with tension clamp connections enables the building of individual blocks with 2- and 4-pole terminals. Individual blocks are made up from the middle terminals plus end plates on the open sides. For a screw fixing, the first middle terminal plus the end plate are replaced by end terminals for the fixing. For the other types of fixing, middle terminals with a fixing option are included in the block or a mounting foot (MOFU) is fitted for attaching to the terminal rail.

General ordering data

Type	ZPEB 2.5-2
Order No.	1712810000
Version	Z-series, PE terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, green / yellow
GTIN (EAN)	4008190376826
Qty.	100 pc(s).

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Technische Daten

Dimensions and weights

Length	33.5 mm	Width	5.1 mm
Height	31 mm	Height of lowest version	32 mm
Net weight	5.23 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)	KEMA97ATEX2755U	ATEX certificate	KEMA97ATEX2755U_d.pdf
ATEX certificate	KEMA97ATEX2755U_e.pdf	Certificate No. (IECEX)	IECEXKEM07.0061U
IEC Ex certificate	IECEXKEM07.0061U_e.pdf	Wire cross section max. (ATEX)	2.5 mm ²
Wire cross section max. (IECEX)	2.5 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	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

Explosion-tested version	No	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)	200039-1 152892	Wire cross section max. (CSA)	12 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	0.6 x 3.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, finely stranded, max.	2.5 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
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Dimensions

TS 15 offset	17 mm	TS 32 offset	34.5 mm
TS 35 offset	34.5 mm		

Rated data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated impulse withstand voltage	8 kV	Rated impulse withstand voltage to adjacent terminal	8 kV
Rated current	24 A	Standards	IEC 60947-7-2
Pollution severity	3		

UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Certificate No. (UR)	E60693
Conductor size Factory wiring max. (UR)	12 AWG	Conductor size Factory wiring min. (UR)	26 AWG
Conductor size Field wiring max. (UR)	12 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	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 15
End cover plate required	Yes		

Datenblatt

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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 technical data TS 15 - block construction

Approvals

Approvals



ROHS Conform

Downloads

DXF	26372_ZPEB_2.5-2_DXF.dxf
STEP	1712810000_26372_ZPEB_2-5-2_STP.stp