

**Z-series
ZEI 16 BL**

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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 another family of terminals by Weidmüller. Z-Series terminals have a large clamping range and one or two cross-connection slots. Plug-in standard cross-connections enable potentials to be distributed over any number of terminals.

General ordering data

Type	ZEI 16 BL
Order No.	1766240000
Version	Z-series, Supply terminal, Rated cross-section: 16 mm², Tension clamp connection, Wemid, Blue
GTIN (EAN)	4032248064939
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	82.5 mm	Width	14.7 mm
Height	50.5 mm	Height of lowest version	51.5 mm
Net weight	44.19 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	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on
Version	Supply terminal, Tension-clamp connection, for plug-in cross-connector, closed		

CSA ratings data

Certificate No. (CSA)	200039-1152892	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	65 A	Current size C (CSA)	65 A
Current size D (CSA)	5 A	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	top
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.	1.5 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

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Rated data

Rated cross-section	16 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	8 kV	Rated current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	4 AWG
Conductor size Factory wiring min. (cURus)	14 AWG	Conductor size Field wiring max. (cURus)	4 AWG
Conductor size Field wiring min. (cURus)	14 AWG	Current size C (cURus)	65 A
Voltage size C (cURus)	600 V		

Material data

Insulating material	Wemid	Material	Wemid
Colour	Blue	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	No		

Classifications

ETIM 3.0	EC000897	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	Integrated end plate.
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Approvals

Approvals



ROHS	Conform
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