

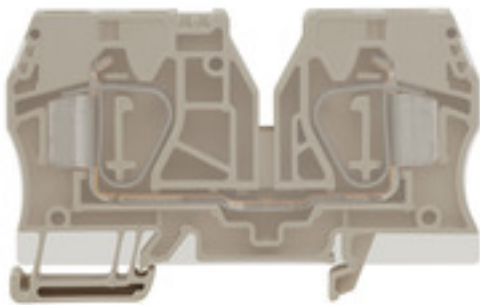
**ZEI 16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

Our feed-in terminal blocks in combination with cross-connections offer the possibility of flexible potential distribution on terminal blocks with a different rated cross-section.

**General ordering data**

Version	Supply terminal, Tension-clamp connection, 16 mm <sup>2</sup> , 500 V, 76 A, dark beige
Order No.	<a href="#">1745350000</a>
Type	ZEI 16
GTIN (EAN)	4032248002689
Qty.	20 pc(s).

Creation date September 16, 2022 10:03:17 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

## ZEI 16

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## Technical data

## Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.988 inch
Depth including DIN rail	51.5 mm	Height	82.5 mm
Height (inches)	3.248 inch	Width	14.7 mm
Width (inches)	0.579 inch	Net weight	43.79 g

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## System specifications

Version	Supply terminal, Tension-clamp connection, for plug-in cross-connector, in closed state	End cover plate required	No
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

## Additional technical data

Explosion-tested version	No	Installation advice	Busbar
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on		

## CSA rating data

Certificate No. (CSA)	200039-1152892	Current size B (CSA)	65 A
Current size C (CSA)	65 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	4 AWG
Wire cross section min. (CSA)	14 AWG		

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## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A7	Number of connections	2
Stripping length	18 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>

## General

Installation advice	Busbar	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 14		

## Rating data

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	500 V
Rated current	76 A	Current at maximum wires	76 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	2.43 W
Pollution severity	3		

## UL rating 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		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">BPZL Z-Series</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

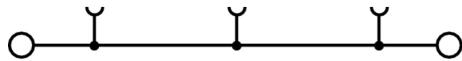
**Data sheet**

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**Drawings**



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