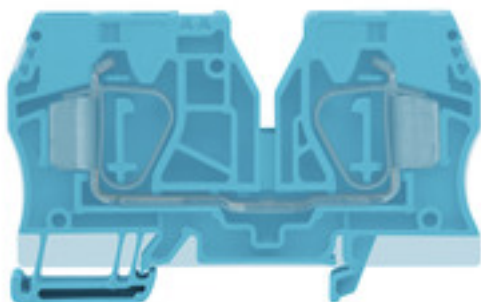


**ZEI 16 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, blue
Order No.	<a href="#">1766240000</a>
Type	ZEI 16 BL
GTIN (EAN)	4032248064939
Qty.	20 pc(s).

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

Klingenbergstraße 26

D-32758 Detmold

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www.weidmueller.com

**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	44.19 g

**Temperatures**

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

**Material data**

Material	Wemid	Colour	blue
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	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		

**Conductors for clamping (additional connection)**

Connection type, additional connection Tension-clamp connection

## ZEI 16 BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

## 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

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 DC 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	ETIM 9.0	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	ECLASS 13.0	27-25-01-01

## Environmental Product Compliance

REACH SVHC	/
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## ZEI 16 BL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Approvals

Approvals



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

## Downloads

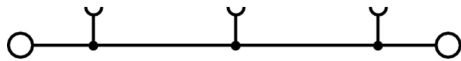
Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">Usage of terminals in EXi atmospheres</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">User Manual Z-Series</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

### ZEI 16 BL

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Germany

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## Drawings



## ZEI 16 BL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	DEK 5/5 MC NE WS	Version
Order No.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

## Blank



ZS markers - in proven MultiCard-format - have been developed specifically for the Z-series. They have a large printing area. The hinged mechanism even allows access to cross-connectors without dismantling. Quick installation is guaranteed by the fact that the single tags are clipped on in strips. The single tags are easy to separate.

- Hinged marker area
- Can be fitted in strips or individually
- Markers in proven MultiCard format

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	ZS 15/5 MC NE WS	Version
Order No.	<a href="#">1646630000</a>	ZS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190401214	Allen-Bradley, white
Qty.	480 pc(s).	

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

Klingenbergstraße 26

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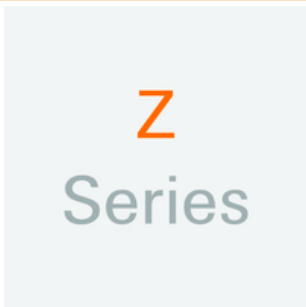
Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDS 1.0X5.5X150	Version
Order No.	<a href="#">2749380000</a>	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	

**Z-Series**

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

Type	ZEW 35	Version
Order No.	<a href="#">9540000000</a>	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	
Type	ZEW 35/2	Version
Order No.	<a href="#">8630740000</a>	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	

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

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****W-Series**

W  
Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

Type	WEW 35/1	Version
Order No.	<a href="#">1059000000</a>	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	
Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

**SAK-Series**

SAK  
Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

Type	EW 35/SCHA/M3	Version
Order No.	<a href="#">0258660000</a>	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	
Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	
Type	EW 35 GR 7032	Version
Order No.	<a href="#">0383530000</a>	End bracket, Wemid, grey, Rail: TS 35, when screwed in
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	



## ZEI 16 BL

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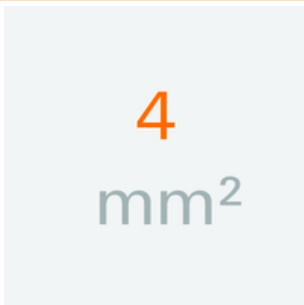
## Accessories

## STR transparent strips



## General ordering data

Type	STR 7 F.SCHT 7	Version
Order No.	<a href="#">0515300000</a>	Terminal markers, Protective cap, 27 x 6.3 mm, Transparent
GTIN (EAN)	4008190182175	
Qty.	20 pc(s).	

4 mm<sup>2</sup>

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

## General ordering data

Type	ZQV 4/8 GE	Version
Order No.	<a href="#">1609010000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263287	
Qty.	20 pc(s).	
Type	ZQV 4/9 GE	Version
Order No.	<a href="#">1609020000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263294	
Qty.	20 pc(s).	
Type	ZQV 4/20 GE	Version
Order No.	<a href="#">1909010000</a>	Z-series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535637	
Qty.	20 pc(s).	
Type	ZQV 4/10 GE	Version
Order No.	<a href="#">1609030000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263300	
Qty.	20 pc(s).	
Type	ZQV 4/6 GE	Version
Order No.	<a href="#">1608990000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263263	
Qty.	20 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories**

Type	ZQV 4/7 GE	Version
Order No.	<a href="#">1609000000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263270	
Qty.	20 pc(s).	
Type	ZQV 4/4 GE	Version
Order No.	<a href="#">1608970000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263249	
Qty.	60 pc(s).	
Type	ZQV 4/5 GE	Version
Order No.	<a href="#">1608980000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263256	
Qty.	20 pc(s).	
Type	ZQV 4/2 GE	Version
Order No.	<a href="#">1608950000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263225	
Qty.	60 pc(s).	
Type	ZQV 4/3 GE	Version
Order No.	<a href="#">1608960000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263232	
Qty.	60 pc(s).	

**ZGB pivotable group tag holder**

The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

**General ordering data**

Type	ZGB 30	Version
Order No.	<a href="#">1611930000</a>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmueller, white
Qty.	20 pc(s).	

## ZEI 16 BL

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## Accessories

2.5 mm<sup>2</sup>


2.5  
mm<sup>2</sup>

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

## General ordering data

Type	ZQV 2.5/6	Version
Order No.	<a href="#">1608900000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190149840	
Qty.	20 pc(s).	
Type	ZQV 2.5/10	Version
Order No.	<a href="#">1608940000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190099060	
Qty.	20 pc(s).	
Type	ZQV 2.5/7	Version
Order No.	<a href="#">1608910000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190159665	
Qty.	20 pc(s).	
Type	ZQV 2.5/50	Version
Order No.	<a href="#">1697540000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190883256	
Qty.	10 pc(s).	
Type	ZQV 2.5/9	Version
Order No.	<a href="#">1608930000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190117009	
Qty.	20 pc(s).	
Type	ZQV 2.5/4	Version
Order No.	<a href="#">1608880000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190082208	
Qty.	60 pc(s).	
Type	ZQV 2.5/5	Version
Order No.	<a href="#">1608890000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190065713	
Qty.	20 pc(s).	
Type	ZQV 2.5/20	Version
Order No.	<a href="#">1908960000</a>	Z-series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535293	
Qty.	20 pc(s).	
Type	ZQV 2.5/2	Version
Order No.	<a href="#">1608860000</a>	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190123680	
Qty.	60 pc(s).	
Type	ZQV 2.5/3	Version
Order No.	<a href="#">1608870000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061630	
Qty.	60 pc(s).	

Creation date July 4, 2024 1:29:49 PM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories**

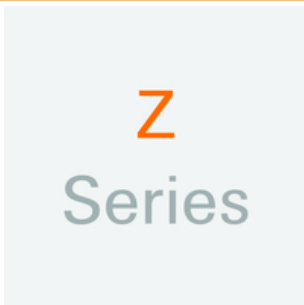
Type	ZQV 2.5/8	Version
Order No.	<a href="#">1608920000</a>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061531	
Qty.	20 pc(s).	

**Test plugs**

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

**General ordering data**

Type	PS 2.3 RT	Version
Order No.	<a href="#">0180400000</a>	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

**Z-Series**

Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

**General ordering data**

Type	ZAD 5/5	Version
Order No.	<a href="#">1745210000</a>	Z-series, Cover
GTIN (EAN)	4008190071448	
Qty.	20 pc(s).	

## ZEI 16 BL

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## Accessories

## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	WS 15/5 MC NE WS	Version
Order No.	<a href="#">1609880000</a>	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203504	Allen-Bradley, white
Qty.	480 pc(s).	

6 mm<sup>2</sup>

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

## General ordering data

Type	ZQV 6/4 GE	Version
Order No.	<a href="#">1627870000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200442	
Qty.	60 pc(s).	
Type	ZQV 6/24 GE	Version
Order No.	<a href="#">1908990000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4032248535309	
Qty.	10 pc(s).	
Type	ZQV 6/32 GE	Version
Order No.	<a href="#">1733640000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190994334	
Qty.	10 pc(s).	
Type	ZQV 6/2 GE	Version
Order No.	<a href="#">1627850000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200428	
Qty.	60 pc(s).	

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

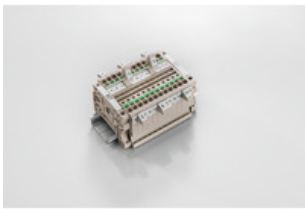
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[www.weidmueller.com](http://www.weidmueller.com)**Accessories**

Type	ZQV 6/3 GE	Version
Order No.	<a href="#">1627860000</a>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200435	
Qty.	60 pc(s).	

**Marker holder**

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

**General ordering data**

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	