

**ZB 16K BL****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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**Product image**

Bus bar taps with insulation offer finger safety on the one hand. On the other hand, the colored insulation also indicates the respective potential, such as the neutral conductor or PE.

**General ordering data**

Version	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, blue, Feed-through (bushing)
Order No.	<a href="#">0502880000</a>
Type	ZB 16K BL
GTIN (EAN)	4008190014186
Qty.	50 pc(s).

**Data sheet**

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**Technical data**

**Dimensions and weights**

Depth	26.8 mm	Depth (inches)	1.055 inch
Height	19 mm	Height (inches)	0.748 inch
Width	10 mm	Width (inches)	0.394 inch
Net weight	8.704 g		

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
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**Material data**

Material	Steel	Insulating material	PA
Colour	silver		

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## Technical data

## Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	www.weidmueller.com IECEx ILD13.0005U
Wire cross section max. (ATEX)	16 mm <sup>2</sup>	Wire cross section max. (IECEX)	16 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label		Safety notice	Ex eb II C Gb Installation instructions: The potential equalisation (PE) rail modules are suitable for use in housings in atmospheres with flammable gases and dust. For use in areas with flammable gases, these housings must meet the requirements of EN 60079-0 and EN 60079-7. For use in areas with flammable dust, these housings must meet the requirements of EN 60079-0 and EN 60079-31. When combined with other terminal block ranges and sizes, and when other accessories are used, you must comply with the clearance and creepage distances given. Regarding accessory use, the manufacturer's instructions must be followed. List of restrictions: The PE rail modules are considered one component, with Ex marking when used with the busbar holders of type SH and WEW. When used independently, the above named components are not covered by this certificate.
	II 2 G D		

## System specifications

Version for busbar 10 x 3 mm

## Additional technical data

Installation advice Feed-through (bushing) Type of mounting when screwed in

## CSA rating data

Certificate No. (CSA)	12400-237	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	12 AWG		

Creation date March 6, 2023 12:47:19 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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## Technical data

### Conductors for clamping (rated connection)

Clamping screw	M 4	Connection cross-section, stranded max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	16 mm <sup>2</sup>	Stripping length	16 mm
Tightening torque, min.	2.6 Nm	Type of connection	Clamping yoke
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>

### General

Installation advice Feed-through (bushing)

### UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	4 AWG
Conductor size Factory wiring min. (UR)	12 AWG	Conductor size Field wiring max. (UR)	4 AWG
Conductor size Field wiring min. (UR)	12 AWG		

### Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ECLASS 9.0	27-14-11-92
ECLASS 9.1	27-14-11-92	ECLASS 10.0	27-14-11-92
ECLASS 11.0	27-14-11-46	ECLASS 12.0	27-14-11-46

### Approvals

Approvals



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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">UKCA Certificate</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI ZB WBBB</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	