

**ZB 35K BL M6X16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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	Clamping yoke (bus-bar)
Order No.	<a href="#">0502680000</a>
Type	ZB 35K BL M6X16
GTIN (EAN)	4008190004385
Qty.	20 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Depth	34 mm	Depth (inches)	1.339 inch
Height	32 mm	Height (inches)	1.26 inch
Width	14 mm	Width (inches)	0.551 inch
Net weight	18.63 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
Wire cross section max. (ATEX)	35 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity

Ex 2014/34/EU label

Certificate No. (IECEX)	IECEXULD13.0005U
Wire cross section max. (IECEX)	35 mm <sup>2</sup>
Marking EN 60079-7	

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
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## Additional technical data

Installation advice	Feed-through (bushing)	Type of mounting	when screwed in
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## CSA rating data

Certificate No. (CSA)	12400-237	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	6 AWG		

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**Technical data****Conductors for clamping (rated connection)**

Clamping screw	M 6	Stripping length	19 mm
Tightening torque, min.	4.5 Nm	Type of connection	Clamping yoke
Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	16 mm <sup>2</sup>

**General**

Installation advice	Feed-through (bushing)
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**Rating data**

Rated cross-section	35 mm <sup>2</sup>
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**Classifications**

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	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	ECLASS 13.0	27-25-01-16

**Environmental Product Compliance**

REACH SVHC	/
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**Approvals**

Approvals



ROHS	Conform
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**Downloads**

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