

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, blue, Feed-through (bushing)
Order No.	0502880000
Type	ZB 16K BL
GTIN (EAN)	4008190014186
Qty.	50 pc(s).

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www.weidmueller.com**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
Wire cross section max. (ATEX)	16 mm ²
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)	16 mm ²
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

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)	6 AWG
Wire cross section min. (CSA)	12 AWG		

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

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

General

Installation advice	Feed-through (bushing)
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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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Storage Conditions Terminal Blocks
Catalogues	Catalogues in PDF-format
Brochures	

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