

ZB 35K BL M6X16**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	Clamping yoke (bus-bar), Clamping yoke, blue, 35 mm², Width: 14 mm, M 6, Steel
Order No.	0502680000
Type	ZB 35K BL M6X16
GTIN (EAN)	4008190004385
Qty.	20 pc(s).

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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

Ambient temperature	-5 °C...40 °C
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Material data

Material	Steel	Insulating material	PA
Colour	blue		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	IECEXULD13.0005U
Wire cross section max. (ATEX)	35 mm ²	Wire cross section max. (IECEX)	35 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

Safety notice

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.

System specifications

Version	for busbar 10 x 3 mm
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Creation date May 15, 2025 12:49:46 PM CEST

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Technical data**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		

Conductors for clamping (rated connection)

Clamping range, max.	35 mm ²	Clamping range, min.	16 mm ²
Clamping screw	M 6	Stripping length	19 mm
Tightening torque, max.	5 Nm	Tightening torque, min.	2.5 Nm
Type of connection	Clamping yoke	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross section, finely stranded, min.	16 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	16 mm ²		

General

Installation advice	Feed-through (bushing)
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Rating data

Rated cross-section	35 mm ²
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UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	2 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	2 AWG
Conductor size Field wiring min. (UR)	6 AWG		

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	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	ECLASS 14.0	27-25-01-16
ECLASS 15.0	27-25-01-16		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID

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ROHS

Conform

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Certificate No. (UR)

E60693

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[ATEX Certificate](#)
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Engineering Data

[CAD data – STEP](#)

User Documentation

[Installation Instruction](#)
[Storage Conditions](#)
[Terminal Blocks](#)
[NTI ZB WBBD](#)

Catalogues

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Brochures