

ZB 4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Uninsulated bus bar tap-off terminals offer a space-saving option for connecting conductors on a bus bar.

General ordering data

Version	Clamping yoke (bus-bar)
Order No.	031650000
Type	ZB 4
GTIN (EAN)	4008 19006 1999
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	16 mm	Depth (inches)	0.63 inch
Height	15.5 mm	Height (inches)	0.61 inch
Width	5.3 mm	Width (inches)	0.209 inch
Net weight	3.001 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	Colour	silver
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Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	IECEXULD13.0005U
Wire cross section max. (ATEX)	4 mm ²	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb

Ex 2014/34/EU label	Safety notice		<p>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.</p> <p>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.</p> <p>Regarding accessory use, the manufacturer's instructions must be followed.</p> <p>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.</p>
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Technical data

System specifications

Version for busbar 10 x 3 mm, For subsequently slewing-in

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) 10 AWG
 Wire cross section min. (CSA) 26 AWG

Conductors for clamping (rated connection)

Clamping screw	M 3	Stripping length	16 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Type of connection	Clamping yoke	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

TS 35 offset 39 mm

General

Installation advice Feed-through (bushing)

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	20 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	20 AWG		

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 /

Data sheet

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity UKCA Attestation of conformity ATEX Certificate IECEX Certificate UKCA Certificate
Engineering Data	CAD data – 41547_ZB_4_DXF.dxf CAD data – STEP
User Documentation	Installation Instruction StorageConditionsTerminalBlocks NTI ZB WBBD
Catalogues	Catalogues in PDF-format
Brochures	