

ZB 16 ZKSC**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	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, Feed-through (bushing)
Order No.	0316600000
Type	ZB 16 ZKSC
GTIN (EAN)	4008190145989
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	24 mm	Depth (inches)	0.945 inch
Height	16 mm	Height (inches)	0.63 inch
Width	10 mm	Width (inches)	0.394 inch
Net weight	7.52 g		

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)	16 mm ²	Wire cross section max. (IECEX)	16 mm ²

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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Additional technical data

Installation advice	Feed-through (bushing)	Type of mounting	when screwed in
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Creation date 22 October 2022 11:26:47 CEST

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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		

Conductors for clamping (rated connection)

Clamping range, max.	25 mm ²	Clamping range, min.	2.5 mm ²
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

Dimensions

TS 35 offset	39 mm
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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	ECLASS 12.0	27-14-11-46

Approvals

Approvals



ROHS	Conform
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	UKCA Attestation of conformity
	ATEX Certificate
	IECEX Certificate
	UKCA Certificate
Engineering Data	CAD data – 41549_ZB_16_ZKSC_DXF.dxf
	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Installation Instruction
	StorageConditionsTerminalBlocks
	NTI ZB WBBB
Catalogues	Catalogues in PDF-format
Brochures	