

**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.	<a href="#">0316600000</a>
Type	ZB 16 ZKSC
GTIN (EAN)	4008190145989
Qty.	50 pc(s).

Creation date May 20, 2022 2:42:25 PM CEST

Catalogue status 06.05.2022 / We reserve the right to make technical changes.

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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 <sup>2</sup>	Wire cross section max. (IECEX)	16 mm <sup>2</sup>

#### 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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**Technical data****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 <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Clamping screw	M 4	Connection cross-section, stranded, max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	16 mm <sup>2</sup>	Stripping length	16 mm
Tightening torque, min.	2.6 Nm	Type of connection	Clamping yoke
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>

**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
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## Technical data

### 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 – 4.1549_ZB_16_ZKSC_DXF.dxf</a> <a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	