

ZB 16 ZKSC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

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
Net weight	7.52 g	Width	10 mm
Width (inches)	0.394 inch		

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 March 22, 2021 10:00:19 AM CET

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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 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, 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
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



CURUSEX IEC EX

ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	ATEX Certificate IECEX Certificate
Engineering Data	41549_ZB_16_ZKSC_DXF.dxf STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.