

ZB 16K SW**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, PA, black, Feed-through (bushing)
Order No.	0502810000
Type	ZB 16K SW
GTIN (EAN)	4008190332563
Qty.	50 pc(s).

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www.weidmueller.com**Technical data****Dimensions and weights**

Depth	26.8 mm	Depth (inches)	1.055 inch
Height	19 mm	Height (inches)	0.748 inch
Net weight	8.74 g	Width	10 mm
Width (inches)	0.394 inch		

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	Insulating material	PA
Colour	silver		

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Technical data**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO03ATEX136028U	ATEX certificate	DEMKO03ATEX136028U_e.pdf
Certificate No. (IECEX)	IECEXULD13.0005U	Wire cross section max. (ATEX)	16 mm ²
Wire cross section max. (IECEX)	16 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	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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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)	6 AWG
Wire cross section min. (CSA)	12 AWG		

Creation date March 22, 2021 10:41:32 AM CET

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

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Technical data**Conductors for clamping (rated connection)**

Connection cross-section, stranded, max.	25 mm ²	Connection cross-section, stranded, min.	16 mm ²
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		

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



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks