

**Accessories**  
**ZB 16K SW****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

Type	ZB 16K SW
Order No.	<a href="#">0502810000</a>
Version	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, black, Feed-through (bushing)
GTIN (EAN)	4008190332563
Qty.	50 pc(s).

**Data sheet**

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**Technical data**

**Dimensions and weights**

Width	10 mm	Width (inches)	0.394 inch
Height	19 mm	Height (inches)	0.748 inch
Depth	26.8 mm	Depth (inches)	1.055 inch
Net weight	8.74 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	Insulating material	PA
Colour	silver		

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## Technical data

### 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>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label		Safety notice	Ex eb II C Gb 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.
II 2 G D			

### System specifications

Version for busbar 10 x 3 mm

### 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)	6 AWG
Wire cross section min. (CSA)	12 AWG		

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

Connection cross-section, stranded, max.	25 mm <sup>2</sup>	Connection cross-section, stranded, min.	16 mm <sup>2</sup>
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>

**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 3.0	EC000001	ETIM 4.0	EC000001
ETIM 5.0	EC000001	ETIM 6.0	EC002848
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-31
eClass 6.2	27-14-11-90	eClass 7.1	27-14-11-90
eClass 8.1	27-14-11-90	eClass 9.0	27-14-11-92
eClass 9.1	27-14-11-92		

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a>
Engineering Data	<a href="#">STEP</a>