

Accessories
ZBE 6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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	ZBE 6
Order No.	0459500000
Version	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, Busbar, Direct mounting
GTIN (EAN)	4008190032692
Qty.	50 pc(s).

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Catalogue status 14.08.2020 / We reserve the right to make technical changes.

Data sheet

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Technical data

Dimensions and weights

Width	8 mm	Width (inches)	0.315 inch
Height	19 mm	Height (inches)	0.748 inch
Depth	28 mm	Depth (inches)	1.102 inch
Net weight	9.08 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	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)	6 mm ²	Wire cross section max. (IECEX)	6 mm ²
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, for busbar 10 x 5 mm

Additional technical data

Installation advice Busbar, Direct mounting Type of mounting when screwed in

CSA rating data

Certificate No. (CSA)	12400-237	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

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Technical data

Conductors for clamping (rated connection)

Clamping screw	M 4	Stripping length	19 mm
Tightening torque, min.	1.2 Nm	Type of connection	Clamping yoke
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	1 mm ²

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	20 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	20 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	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEX Certificate EAC certificate
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP
User Documentation	Installation Instruction StorageConditionsTerminalBlocks