

ZBE 6K SW**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Product image

Bus bar taps with insulation offer finger safety on the one hand. On the other hand, the colored insulation also indicates the respective potential, such as the neutral conductor or PE.

General ordering data

Version	Accessories, Clamping yoke for busbar, Rated cross-section: Clamping yoke, PA, black, Busbar, Direct mounting
Order No.	0525910000
Type	ZBE 6K SW
GTIN (EAN)	4008190977054
Qty.	50 pc(s).

Data sheet

ZBE 6K SW

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Dimensions and weights

Depth	19.5 mm	Depth (inches)	0.768 inch
Height	22.5 mm	Height (inches)	0.886 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	10.34 g		

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
-----------------------------	---

Material data

Material	Steel	Insulating material	PA
Colour	black		

ZBE 6K SW

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	IECEX ILD13.0005U
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 eb II C Gb
Ex 2014/34/EU label		Safety notice	<p>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.</p> <p>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.</p> <p>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.</p>
	II 2 G D		

System specifications

Version for busbar 10 x 3 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		

Creation date February 28, 2023 1:55:40 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

ZBE 6K SW

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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

General

Installation advice Busbar, Direct mounting

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

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEX Certificate EAC certificate UKCA Certificate
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	Installation Instruction StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format