

ZB 16/6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Uninsulated bus bar tap-off terminals offer a space-saving option for connecting conductors on a bus bar.

General ordering data

Version	Clamping yoke (bus-bar), Clamping yoke, silver, 16 mm ² , Width: 10 mm, M 4, Steel
Order No.	0556800000
Type	ZB 16/6
GTIN (EAN)	4008190007751
Qty.	50 pc(s).

ZB 16/6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Depth	30.7 mm	Depth (inches)	1.209 inch
Height	12.5 mm	Height (inches)	0.492 inch
Width	10 mm	Width (inches)	0.394 inch
Net weight	6.78 g		

Temperatures

Ambient temperature	-5 °C...40 °C
---------------------	---------------

Material data

Material	Steel	Colour	silver
----------	-------	--------	--------

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
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 6 x 6 mm
---------	---------------------

Creation date May 15, 2025 12:51:17 PM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

ZB 16/6

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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		

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	12 mm
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Clamping yoke	Wire connection cross section, finely stranded, max.	16 mm ²
Wire connection cross section, finely stranded, min.	2.5 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)
---------------------	------------------------

Rating data

Rated cross-section	16 mm ²
---------------------	--------------------

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	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
ECLASS 13.0	27-25-01-16	ECLASS 14.0	27-25-01-16
ECLASS 15.0	27-25-01-16		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
-----------------	---

ROHS	Conform
------	---------

Creation date May 15, 2025 12:51:17 PM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

ZB 16/6

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	UKCA Attestation of conformity
	ATEX Certificate
	IECEX Certificate
Engineering Data	UKCA Certificate
	CAD data – STEP
User Documentation	Installation Instruction
	StorageConditionsTerminalBlocks
	NTI ZB WBBB
Catalogues	Catalogues in PDF-format