

ZB 4/6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Weidmüller offers tapping terminals for various types of bus bar systems. Depending on the application, a distinction can be made here between insulated and non-insulated tap-off terminals.

General ordering data

Version	Terminal (busbar connection)
Order No.	0556700000
Type	ZB 4/6
GTIN (EAN)	4008 190188412
Qty.	50 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	20 mm	Depth (inches)	0.7874 inch
Height	12 mm	Height (inches)	0.4724 inch
Width	5.3 mm	Width (inches)	0.2087 inch
Net weight	2.88 g		

Temperatures

Ambient temperature -5 °C...40 °C

Environmental Product Compliance

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

Material data

Basic material Steel Colour silver

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO03ATEX136028U	Certificate No. (IECEX)	IECEXULD13.0005U
Wire cross section max. (ATEX)	4 mm ²	Wire cross section max. (IECEX)	4 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.

ZB 4/6

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

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

Additional technical data

Installation advice Feed-through (bushing) Type of mounting when screwed in

CSA rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	12400-237
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Stripping length	16 mm	Type of connection	Clamping yoke
Clamping range, max.	6 mm ²	Clamping range, min.	0.5 mm ²
Clamping screw	M 3	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Installation advice Feed-through (bushing)

Rating data

Rated cross-section 4 mm²

Classifications

ETIM 8.0	EC000001	ETIM 9.0	EC000001
ETIM 10.0	EC000001	ECLASS 14.0	27-25-01-16
ECLASS 15.0	27-25-01-16		