

ZB 4G GN/GE**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germany

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Product image

Weidmueller 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.	0322160000
Type	ZB 4G GN/GE
GTIN (EAN)	4008190014278
Qty.	50 items

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	27 mm	Depth (inches)	1.063 inch
Height	19.5 mm	Height (inches)	0.7677 inch
Width	7.4 mm	Width (inches)	0.2913 inch
Net weight	4.95 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	Insulating material	PA
Colour	Green/yellow		

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

Technical data

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 10 x 3 mm, For subsequently slewing-in

Additional technical data

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

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, 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

UL rating data

Conductor size Factory wiring max. (UR)	12 AWG	Conductor size Factory wiring min. (UR)	20 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	20 AWG
Conductor size Field wiring max. (UR)	12 AWG		

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		