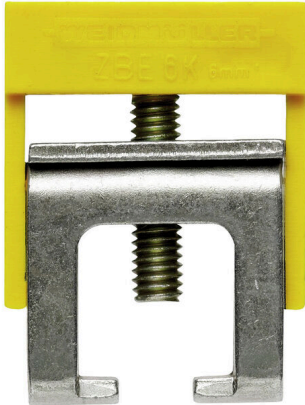


ZBE 6K GE/GN

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

www.weidmueller.com

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. | 0525960000 |
| Type | ZBE 6K GE/GN |
| GTIN (EAN) | 4008 190 145026 |
| Qty. | 50 items |

Technical data

Approvals

Approvals



| | |
|-----------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 19.5 mm | Depth (inches) | 0.7677 inch |
| Height | 22.5 mm | Height (inches) | 0.8858 inch |
| Width | 8 mm | Width (inches) | 0.315 inch |
| Net weight | 10.02 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) | 6 mm ² | Wire cross section max. (IECEX) | 6 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.

Technical data

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

Additional technical data

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

CSA rating data

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

Conductors for clamping (rated connection)

| | | | |
|--|--------------------|--|--------------------|
| Tightening torque, max. | 2.4 Nm | Tightening torque, min. | 1.2 Nm |
| Stripping length | 19 mm | Type of connection | Clamping yoke |
| Clamping range, max. | 10 mm ² | Clamping range, min. | 1 mm ² |
| Clamping screw | M 4 | Wire connection cross section, finely stranded, max. | 10 mm ² |
| Wire connection cross section, finely stranded, min. | 1 mm ² | Connection cross-section, stranded, min. | 1 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

Rating data

Rated cross-section 6 mm²

UL rating data

| | | | |
|---|--------|---|--------|
| Conductor size Factory wiring max. (UR) | 10 AWG | Conductor size Factory wiring min. (UR) | 14 AWG |
| Certificate No. (UR) | E60693 | Conductor size Field wiring min. (UR) | 14 AWG |
| Conductor size Field wiring max. (UR) | 10 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 | | |