


# (1) EU-Type-Examination Certificate

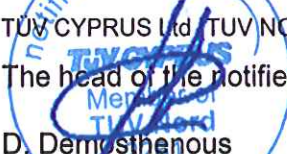
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**



- (3) **Certificate Number** TÜV CY 17 ATEX 0205970 X  
 (4) for the equipment: Explosion-proof terminal box  
 BXJ-IIB Series  
 (5) of the manufacturer: **Warom Technology Incorporated Company**  
 (6) Address: No.555 Baoqian Road, Jiading District,  
 Shanghai - CHINA  
 Order number: 0205970  
 Date of issue: 2017-10-05

- (7) The design of this equipment or protective system and any acceptable variation thereto are specified in the schedule to this EU-Type-Examination Certificate and the documents therein referred to.  
 (8) TÜV CYPRUS Ltd, notified body No. 2261 in accordance with Article 17 of the Council Directive of 2014/34/EU of February 26, 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 17 0205970.  
 (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012/A11:2013      EN 60079-1:2014      EN 60079-31:2014**  
 (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.  
 (11) This EU-Type-Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment which are not covered by this certificate.  
 (12) The marking of the equipment or protective system must include the following:

 **II 2G Ex db IIB+H2 T6/T5 Gb**  
**II 2D Ex tb IIIC T80°C/T95°C Db IP66**

TÜV CYPRUS Ltd (TUV NORD Group),  
 The head of the notified body,  
  
 D. Demosthenous

TÜV CYPRUS (TÜV NORD) Ltd,  
 2 Papaflessa Str., 2235 Latsia, Nicosia - P.O.Box: 20732, 1663 Nicosia, Cyprus  
 Tel:+357 22 44 28 40 Fax:+357 22 44 28 50 email: [info@tuvcyprus.com.cy](mailto:info@tuvcyprus.com.cy)  
[www.tuv-nord.com/cy](http://www.tuv-nord.com/cy)

This certificate may only be reproduced without any change, schedule included.  
 Excerpts or changes shall be allowed by the TÜV CYPRUS Ltd

## (13) SCHEDULE

## (14) EU-Type-Examination Certificate No. TÜV CY 17 ATEX 0205970 X

### (15) Description of equipment

The BXJ-IIB series explosion-proof terminal boxes consist in a flameproof enclosure and terminals inside.

The enclosures are made of die-casting aluminium alloy with corrosion-proof property. The cover is fixed to the casing with screws.

Earthing screws are installed both inside and outside the enclosure.

The enclosures are provided with: NPT thread and ISO Standard Metric thread.

The enclosure of explosion-proof control station is the BXT-W flameproof enclosure with type of protection "Ex db" and "Ex tb". The LCIE 11 ATEX 3013 is the older certificate.

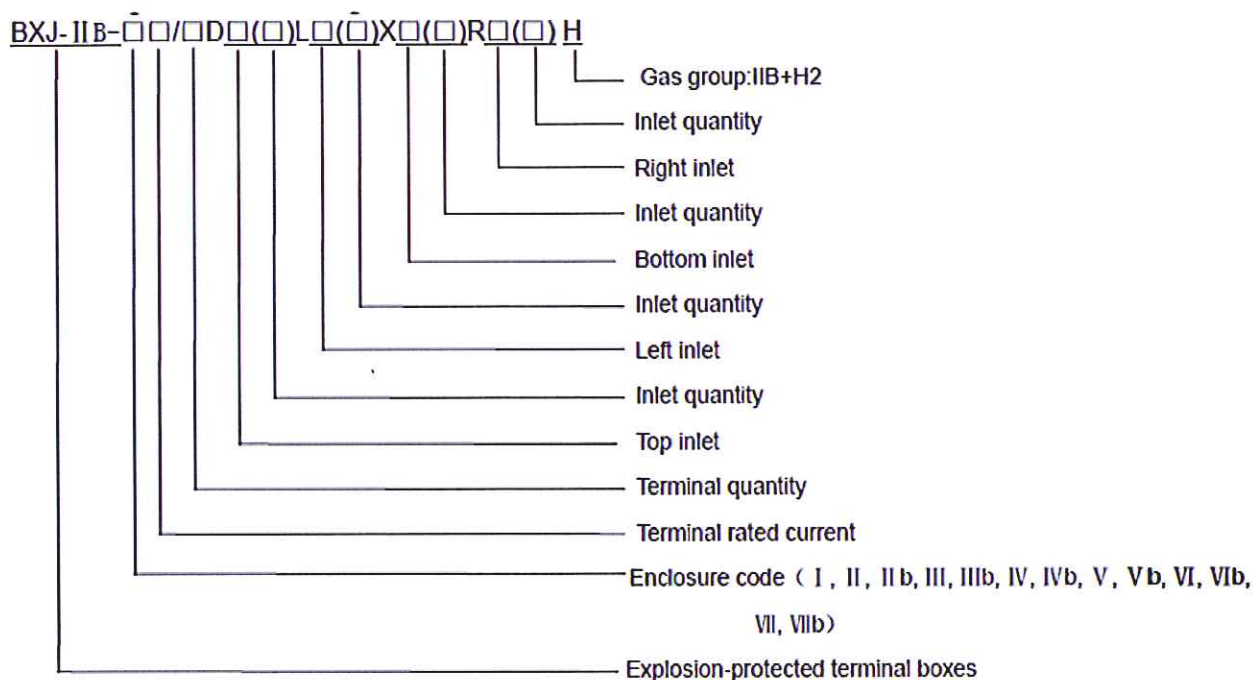
Permissible range of ambient temperature:

$-60\text{ }^{\circ}\text{C} \leq T_a \leq +55\text{ }^{\circ}\text{C} \rightarrow T5 / T95^{\circ}\text{C}$

$-60\text{ }^{\circ}\text{C} \leq T_a \leq +40\text{ }^{\circ}\text{C} \rightarrow T6 / T80^{\circ}\text{C}$

The degree of enclosure protection according to EN 60529 is IP66.

### Identification code:





Ratings:

Max. Rated Voltage (Vac)	800
Max. Rated Current (A)	400

Warning labels:

The following warnings can be applied on the enclosure:

WARNING: Do not open when energized

WARNING: Use fasteners with tensile stress  $\geq 450$  MPa

WARNING: Potential electrostatic charging hazard – see instructions

(16) Test documents are listed in the test report No. 17 0205970.

(17) Special conditions for safe use

Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 2, 3, 4, 5 of EN 60079-1.

Only the suitably certified cable glands can be used for fixing cables. The unused holes must be closed by the suitably certified plugs.

Only use cables suitable for 110°C.

(18) Essential Health and Safety Requirements

No additional ones.