



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx CQM 14.0011U**

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Certificate history:

Status: **Current**

Issue No: 3

Issue 2 (2018-06-14)

Issue 1 (2016-08-11)

Issue 0 (2014-03-06)

Date of Issue: 2025-11-12

Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai 201808
China

Ex Component: Explosion-proof enclosures BXT-□-W

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Flameproof enclosure "d", Protection by enclosure "t"**

Marking: Ex db IIB+H2 Gb, Ex tb III C Db IP66

Tamb:-60°C ~ +100°C

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

President

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District
Beijing City, Postal code: 100048
China





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No. 555, Baoqian Road, Jiading District, Shanghai 201808
China

Manufacturing
locations: **WAROM TECHNOLOGY
INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading
District, Shanghai 201808
China

**WAROM TECHNOLOGY MENA
FZCO**
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Freezone
DUBAI PO Box: 263667
United Arab Emirates

**WAROM TECHNOLOGY ARABIA
INDUSTRIAL LLC**
Building No. 4443, Ibn Sina Street, 1st
Industrial District
Dammam 32234
Saudi Arabia

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements
Edition:6.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[CN/CQM/ExTR14.0011/01](#)

[CN/CQM/ExTR14.0011/02](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/14](#)



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Ex Component(s) covered by this certificate is described below:

General product information:

BXT-□-W series explosion-proof enclosures are Ex components. The explosion-proof enclosures are manufactured from ENAC-AlSi12(b). The enclosures are provided with threaded holes which are used to install with appropriate certified cable glands or plugs. The number of holes depends on model.

Nomenclature: BXT-□-W

Where

BXT: explosion-proof enclosure

□: Enclosure code (I, II, IIB, III, IIIB, IV, IVB, V, VB, VI, VIB, VII, VIIB)

SCHEDULE OF LIMITATIONS:

1. Only the suitably certified cable glands can be used for fixing cables. The unused holes must be closed by the suitably certified plugs.
2. 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 and 5 of IEC 60079-1.
3. Potential electrostatic charging hazard-see instruction.
4. Ambient temperature is -60°C to +100°C.
5. The content of the Ex component enclosure equipment may be placed in any arrangement, provided that an area of at least 40 % of each cross-sectional area remains free to permit an unimpeded gas flow and, therefore, unrestricted development of an explosion. Separate relief areas may be aggregated provided that each area has a minimum dimension in any direction of 12.5 mm.
6. For the maximum number of apertures, their maximum sizes and their positions refer drawing 2HRW 000 053 and manual.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Additional manufacturing locations WAROM TECHNOLOGY MENA FZCO and WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC are added.