



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx CQM 11.0032X

Issue No: 3

Certificate history:

Status: Current

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Issue No. 3 (2016-10-17)

Date of Issue: 2016-10-17

Issue No. 2 (2014-12-30)

Issue No. 1 (2013-08-13)

Issue No. 0 (2011-11-08)

Applicant: **Warom Technology Incorporated Company**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
China

Equipment: Explosion-proof illumination (Power) distribution box Type BXM (D) 81...

Optional accessory:

Type of Protection: Flameproof enclosures "d", Dust ignition protection by enclosures "t"

Marking: Ex db IIB+H2 T6 Gb, Ex tb IIIC T80°C Db IP66
-60°C≤Ta≤+55°C

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

General Manager

Signature:
(for printed version)

Date:

2016-10-17

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 the [Official IECEx Website](http://www.iecex.com).

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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Manufacturer: **Warom Technology Incorporated Company**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
China

Additional Manufacturing location(s):

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 electrical apparatus 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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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

TEST & ASSESSMENT REPORTS:

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

Test Report:

CN/CQM/ExTR11.0037/00
CN/CQM/ExTR11.0037/03

CN/CQM/ExTR11.0037/01

CN/CQM/ExTR11.0037/02

Quality Assessment Report:

CN/CQM/QAR07.0003/06



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The explosion-proof illumination (power) distribution boxes BXM(D)81 are the flameproof enclosure "d" and dust ignition protection by enclosure "t". Distribution boxes are installed on-site according to IEC60079-14 standard; the entry hole is installed with explosion-proof cable glands or plugs. The mounting plate, the track, the terminals and switch are installed inside.

The alternative material high quality carbon steel (Q235), aluminum alloy ENAC-AISI12(b) or stainless steel (SS304, SS316) can be used.

Rating

Max. Voltage: 690VAC; Max. Current: 630A

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The equipment should be equipped with IECEx certified cable glands with a compatible mode of protection for the intended use.
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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

1. The standards IEC 60079-0:2007, IEC60079-1:2007 and IEC60079-31:2008 are updated to IEC 60079-0:2011, IEC60079-1:2014 and IEC60079-31:2013.

2. The Ex marking "Ex d IIB T6 Gb/Ex tb IIIC T80 °C Db IP66" is changed into "Ex db IIB+H2 T6 Gb / Ex tb IIIC T80 °C Db IP66.