



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 LCI 08.0008 issue No.:1

Certificate history:
Issue No. 1 (2015-9-7)
Issue No. 0 (2008-2-4)

Status: **Current**

Date of Issue: **2015-09-07** Page 1 of 4

Applicant: **Warom Technology Incorporated Company**
No.555 Baoqian Road,
Jiading, Shanghai,
201808, P.R. of China
China

Electrical Apparatus: **Explosion-proof illumination switch, type : BZM-16 or BZM-25**
Optional accessory:

Type of Protection: **"d" & "tb"**

Marking: Ex d IIC T6 Gb
Ex tb IIC T80°C Db
Full marking in annex 01

Approved for issue on behalf of the IECEx
Certification Body:

Michel Equi

Position:

Certification Officer

Signature:
(for printed version)

Date:

2015/09/07

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:

Laboratoire Central des Industries Electriques (LCIE)
33 Avenue du General Leclerc
FR-92260 Fontenay-aux-Roses
France

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".





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Manufacturer: **Warom Technology Incorporated Company**
No.555 Baoqian Road,
Jiading, Shanghai,
201808, P.R. of China
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 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	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:

[FR/LCI/ExTR08.0010/00](#)

[FR/LCIE/ExTR15.0092/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/00](#)

[CN/CQM/QAR07.0003/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This product is an explosion-proof illumination switch with a flameproof enclosure. The enclosure comprises a shell body and a shell cover manufactured in cast aluminium. It houses a type LW26-16 or a type LW26-25 built-in combined switch. The operating rod goes through the shell cover and connect to the handle. The two openings for the cable entries are closed with plugs. The internal and external earthing connection facilities are arranged both inside and outside the compartment. The volume of the flameproof compartment is less than 500cm³.

ROUTINE VERIFICATIONS AND TESTS :

According to clause 16.1 of standard IEC 60079-1 each apparatus shall be submitted to an overpressure test under 13 bars during minimum 10 seconds without exceeding 1 minute.

CONDITIONS OF CERTIFICATION: NO



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

Initial issue (2008/08/04) : initial assessment

Issue 01:

Change of:

-manufacturer name " Warom Group Co, LTD " to " Warom Technology Incorporated Company ";

-rated voltage from 230 VAC to 250 VAC;

-ambient temperature from -20°C ~ +40°C to -60°C ~ +60°C.

-Addition of protection mode "t" according to IEC 60079-31:2008 Ed.1 standard;

-normative update according to IEC 60079-2011 Ed.6.0 and IEC 60079-1:2007-04 Ed.6 standards.

Annex: [IECEX LCI 08.0008 issue 01 - Annex 01.pdf](#)



**Annex 01 to Certificate
IECEX LCI 08.0008 issue 01**



Marking

Warom Technology Incorporated Company

Address : ...

Type : BZM-16 or BZM-25

Serial number : ...

Year of construction : ...

Ex d IIC T6 Gb

Ex tb IIIC T80°C Db

$-60^{\circ}\text{C} \leq T_{\text{amb}} \leq + 60^{\circ}\text{C}$

IECEX LCI 08.0008

WARNING – DO NOT OPEN WHEN ENERGIZED

Rating

U_{max} : 250 VAC

I_{max} : 16 or 25 A