



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 08.0013U** issue No.: **1**
Status: **Current**
Date of Issue: **2014-07-25** Page 1 of 4

Certificate history:
Issue No. 1 (2014-7-25)
Issue No. 0 (2008-2-5)

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

Electrical Apparatus: **Control button**
Optional accessory:

Type of Protection: **"e" and "d"**

Marking: **WAROM Technology Incorporated Company**
Address : ...
Type : BA8050 -..
Serial number : ...
Year of construction : ...
Ex d e IIC Gb
IECEX LCI 08.0013 U


Approved for issue on behalf of the IECEx
Certification Body:

Julien GAUTHIER

Position:

Certification Officer

Signature:
(for printed version)



2014-07-25

Date:

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.

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 District,
Shanghai, 201808
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 60079-7 : 2006-07 Edition: 4 | Explosive atmospheres - Part 7: Equipment protection by increased safety "e" |

*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/ExTR08.0015/01

Quality Assessment Report:

CN/CQM/QAR07.0003/00

CN/CQM/QAR07.0003/04



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The BA8050 -.. Control button is Ex component which adopts compound structure of flameproof and increased safety. It is made of outer enclosure, cover and internal shell. The enclosure, the cover and the internal shell are made with injection molding. The enclosure is made of PA66 and the internal shell is PC.

SPECIAL CONDITIONS FOR SAFE USE :

- Control button BA8050 shall be installed in a certified enclosure with ingress protection degree not less than IP54.

- Operating temperature : - 20°C to + 70°C

ROUTINE VERIFICATIONS AND TESTS :

Each component "e" shall be submitted to a dielectric strength test (2000 Volts) according to the specifications mentioned in paragraph 7.1 of the standard IEC 60079-7:2006 Ed 4.0

CONDITIONS OF CERTIFICATION: NO



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

Issue 01 :

- Change of company name : Warom group Co. Ltd. becomes Warom Technology Incorporated Company.
- Normative update according to IEC 60079-0:2011 Ed 6.0, IEC 60079-1:2007 Ed 6.0 and IEC 60079-7:2006 Ed 4.0 standards.
- Change of product name: explosion-proof Control button becomes Control button.