



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 24.0016U** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2024-05-24

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

Ex Component: Explosion-proof control button typed BA8060 - □/□

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 "db", Increased safety "eb"**

Marking: Ex db eb IIC Gb

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

President 2024-05-24

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.
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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**
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China

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

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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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 Report:

CN/CQM/ExTR24.0034/00

Quality Assessment Report:

CN/CQM/QAR07.0003/12



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

BA8060 Explosion-proof control button is Ex component, which adopts explosion-proof structure and mainly composed of a casing, top cover, push rod, spring, conductive piece, and movable contact. The casing is formed through injection molding of engineering plastics. BA8060 Explosion-proof control button can be used in zone 1 and zone 2 explosive gas mixture places, which cannot be used independently. It needs to be installed in a suitable certified enclosure.

Details of nomenclature:

BA8060 - □/□,

The first □ indicates the assembly type, which can be A or B, the second □ indicates contact type, which can be R or S

Ratings:

U: AC 500V I:10A ;

AC15: Ue 480V/Ie 2.5A ; Ue 240V/Ie 5A

DC13: Ue 240V/Ie 0.5A ; Ue 24V/Ie 5A

SCHEDULE OF LIMITATIONS:

- 1.The explosion-proof control button are suitable for use in enclosures in atmospheres with flammable gases or combustible dust. The explosion-proof control button shall be placed inside a suitable certified enclosure in accordance with IEC60079 series standard for flammable gases or combustible dust.
2. The explosion-proof control button can be used in ambient temperature range:-60°C-+90°C, Service temperature range:-60°C-+90°C.
3. The creepage and clearance distance shall be observed according to IEC 60079-7 after installation for flammable gas atmosphere.