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

Certificate No.:	**IECEx CQM 17.0021X**	Page 1 of 4
Status:	**Current**	Issue No: 1
Date of Issue:	2025-11-12	

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

Equipment: **Explosion-proof Control Unit System BZA85-****

Optional accessory:

Type of Protection: **Ex "d", "t"**

Marking: Ex db II C T6 Gb; Ex tb IIIC T80 °C Db IP66

Tamb: -60°C~+60°C

Approved for issue on behalf of the IECEx
Certification Body: **Ji Xiaodong**

Position: **President**

Signature:
(for printed version)

Date:
(for printed version)

Certificate issued by:

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

CQM
China Quality Mark

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Manufacturer:

WAROM TECHNOLOGY INCORPORATED COMPANY
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** Plot, S10103, Jebal Ali South, Jebal Ali 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 equipment 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
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 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/ExTR17.0030/00

Quality Assessment Report:

CN/CQM/QAR07.0003/14

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

General product information:

The Explosion-proof Control Unit System consist of cover and body, which are made of cast aluminium ZL102. Gasket VMQ guarantees the IP66. 2 holes on the body are available for cable gland. Only one of the 3 kinds of components can be used: pushbutton, meter and separately certified indicator. Pushbutton and indicator are installed on the cover with thread. The meter is installed insides.

Indicator is a certified Ex component, see attachment.

The details of type definition and main technical parameters, see attachment.

SPECIFIC CONDITIONS OF USE: YES as shown below:
1. For gas application, separately certified cable gland to IEC 60079-0 and IEC 60079-1 with type of protection Ex db IIC Gb shall be used.

2. For dust application, separately certified cable gland to IEC 60079-0 and IEC 60079-31 with type of protection Ex tb IIIC Db IP66 shall be used.

3. During installation, use and maintenance in the explosive atmospheres, When the current more than 6A A.C. or 6A D.C.is supplied on the product(for BZA85-A1, BZA85-A2, BZA85-A3, BZA85-A4), the cable for field wiring should endure the temperature 15K higher than the ambient temperature.

4. Contact the original manufacturer for the information of dimension of flameproof joint.

5. Observe the warning: "Do not open when energized" for Ex d product; "Delay 7min before Opening" "Do not open when an explosive dust atmosphere may be present" for Ex tb product "Use fasteners with yield stress ≥ 450MPa"

6. When installation, use and maintenance control unit system, observe IEC 60079-14.

7. Rated ambient temperature range: -60°C ~ +60°C.

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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.

Annex:

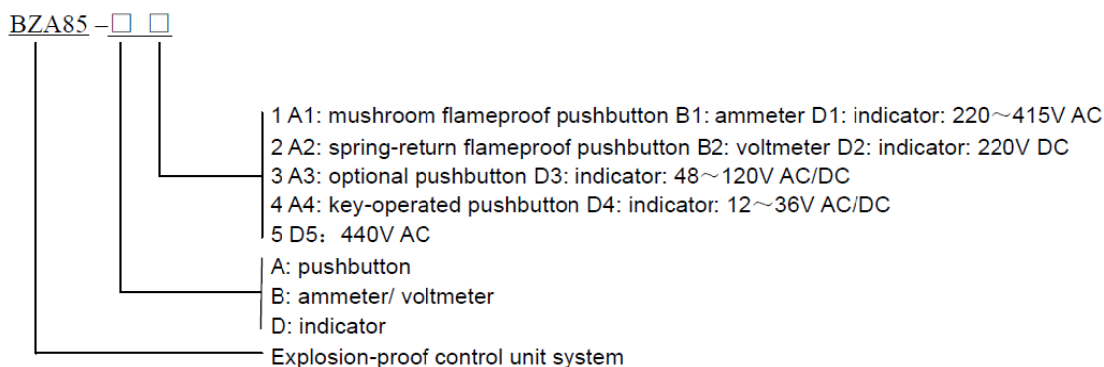IECEx_CQM_17.0021X_001 attachment.pdf

Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**

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

Electrical equipment: Explosion-proof Control Unit System BZA85-**

Description of equipment:

1. Type definition:

1 A1: mushroom flameproof pushbutton B1: ammeter D1: indicator: 220～415V AC
2 A2: spring-return flameproof pushbutton B2: voltmeter D2: indicator: 220V DC
3 A3: optional pushbutton D3: indicator: 48～120V AC/DC
4 A4: key-operated pushbutton D4: indicator: 12～36V AC/DC
5 D5：440V AC
A: pushbutton
B: ammeter/ voltmeter
D: indicator
Explosion-proof control unit system

2. Main technical parameters:

Type	Rated power	Rated Voltage (V)	Rated Current (A)
BZA85-A1、BZA85-A2	-	Max.500V AC	Max.6A AC or Max.10A AC
BZA85-A3、BZA85-A4		Max.250V DC	Max.6A DC
BZA85-B1	-	-	5A
BZA85-B2	-	600V AC	-
BZA85-D1	1.2W～4.5W	220～415V AC	-
BZA85-D2		220V DC	-
BZA85-D3		48～120V AC/DC	-
BZA85-D4		12～36V AC/DC	-
BZA85-D5		440V AC	-

3. IECEx Certified Indicator:

Certificate No.	Type name	Marking	Standards
IECEx CQM 17.0008U	Indicator HD- IA, HD- IB, HD- IC, HD- ID, HD- IE	Ex db IIC Gb, Ex tb IIIC Db IP66	IEC 60079-0: 2011 IEC 60079-1: 2014 IEC 60079-31: 2013