



# 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](http://www.iecex.com)

Certificate No.: IECEx CQM 12.0037X

Issue No: 1

Certificate history:

Issue No. 1 (2017-06-30)

Issue No. 0 (2012-08-22)

Status: Current

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Date of Issue: 2017-06-30

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

China

Equipment: Explosion-proof Motor Switches BLK-□/□/□/□

*Optional accessory:*

Type of Protection: Flameproof enclosures "d", Protection by enclosures "t"

Marking:  
Ex db IIC T6 Gb, Ex tb IIIC T80°C Db IP66

Tamb: -60°C to +55°C

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

Ji Xiaodong

*Position:*

General Manager

*Signature:  
(for printed version)*

*Date:*

2017-06-30

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

*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/ExTR12.0043/00](#) [CN/CQM/ExTR12.0043/01](#)

### 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 enclosure of series BLK explosion-proof motor switches are made of aluminum alloy. The protection of it enclosure is flameproof enclosure "d" and dust ignition protection by enclosure "t". Types BLK-\*/MB explosion-proof motor switches are fitted with one, four or six circuit breakers. Types BLK-\*/MS explosion-proof motor switches are fitted with a circuit breaker, two indicators, two pushbuttons, two thermal relays, two a.c. contactors, two fuses and an optional ammeter. Threaded holes entries are provided through the side walls. The unused holes are closed by the plugs which were certified under IECEx LCIE 15.0070U.

#### Rating

See attachment.

#### SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The flameproof joints are not intended to be repaired.
2. Only the suitably certified cable glands can be used for fixing cables. The unused holes must be closed by the suitably certified plugs.
3. Only use cables suitable for 100°C.



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

### Annex:

[IECEx CQM 12.0037X 01 Attachment.pdf](#)



# Attachment to Certificate

IECEx CQM 12.0037X issue No.: 1

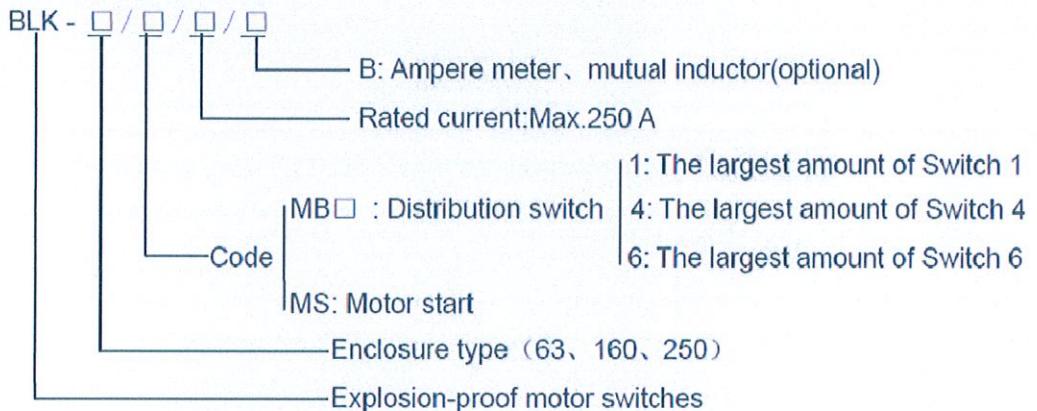


**Applicant:** Warom Technology Incorporated Company  
No.555, BAOQIAN ROAD, JIADING DISTRICT, SHANGHAI, China

**Electrical equipment:** Explosion-proof Motor Switches BLK-□/□/□/□

## Description of equipment:

### 1. Nomenclature:



### 2. Rating

Type	Rated voltage	I=Rated current (A)	rated current of main circuit(A)
BLK-63/MB1/□	Max. 690VAC 500VDC	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50 and 63	/
BLK-160/MB1/□	Max. 690VAC 500VDC	80, 100, 125 and 160	/
BLK-250/MB1/□	Max. 690VAC 500VDC	200, 250	/
BLK-160/MB4/□	Max. 440VAC	1, 2, 4, 6, 10, 16, 20, 25, 32, 40 and 50	4I
BLK-250/MB6/□	Max. 440VAC	1, 2, 4, 6, 10, 16, 20, 25, 32, 40 and 50	6I
BLK-250/MS/50/B	Max. 440VAC	50	/
BLK-160/MS/50	Max. 440VAC	50	/