



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 CQM 11.0017X** issue No.:0 Certificate history:.....

Status: **Current**

Date of Issue: **2011-09-20** Page 1 of 3

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

Electrical Apparatus: **Explosion-proof motor starter Type BQD-II C**
Optional accessory:

Type of Protection: **Flameproof enclosures "d", Increased safety "e"**

Marking: **Ex de IIC T6 Gb**
IP65
Tamb: -20°C to +55°C

Approved for issue on behalf of the IECEx
Certification Body:

Zhang Wei

Position:

President

Signature:
(for printed version)

Date:

2011-09-20

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:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District,
Beijing City, Postal code: 100037
China





IECEX Certificate of Conformity

Certificate No.: IECEx CQM 11.0017X

Date of Issue: 2011-09-20

Issue No.: 0

Page 2 of 3

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

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 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
- IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6
- IEC 60079-7 : 2006-07** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

*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/ExTR11.0020/00

Quality Assessment Report:

CN/CQM/QAR07.0003/02



IECEx Certificate of Conformity

Certificate No.: IECEx CQM 11.0017X

Date of Issue: 2011-09-20

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The motor starter is of flameproof and increased safety combined type. The enclosure is made of cast aluminium alloy. The control compartment is designed in type of protection flameproof enclosure "d" and the terminal compartment is designed in type of protection increased safety "e".

Electrical connection part between the two compartments is sealed with epoxy resin. A small circuit breaker, an AC contactor, a thermal relay, an universal switch and a fuse are installed inside the control box. Two (BQD-IIC) or three (BQD-IIC(N)) power source indicators and two operating handles are fixed on the cover.

Nomenclature and main technical parameters see in the attachment.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 2 of IEC 60079-1.
2. Fasteners used for fastening a switch compartment body and its cover are M8 × 20 hexagon socket head cap screws. The yield stress of the screws is not less than 450MPa.



Attachment to Certificate

IECEX CQM 11.0017X



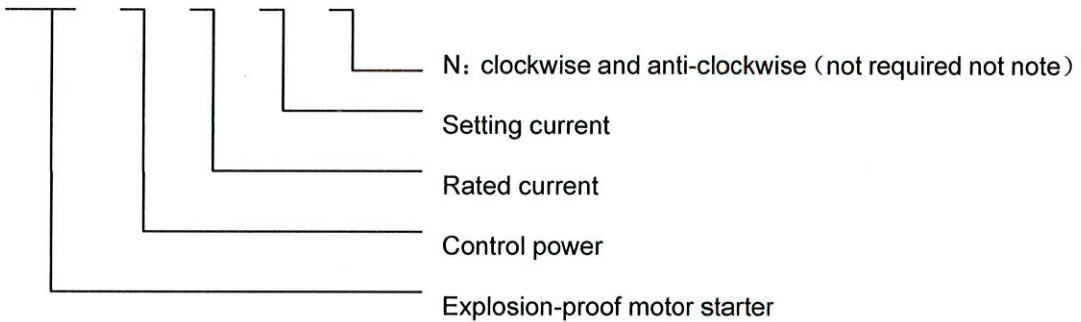
Applicant: Warom Technology Incorporated Company
 No. 555, Baoqian Road, Jiading District, Shanghai City, China
 201 808

Electrical equipment: Explosion-proof motor starter BQD-2C

Description of equipment:

Nomenclature:

BQD - □ / □ / □ / □



Main technical parameters

Power of control motor (KW)	Rated voltage (V)	Rated current of circuit breaker (A)	Adjustable setting current of thermal relay (A)	Ex mark	Inlet thread	Cable O.D. (Φ, mm)
4	AC380V/400V	16	7~10 le=9	Exde IIC T6 Gb	2-M25×1.5	10~14
7.5		25	12~18 le=16		2-M32×1.5	14~18
11		32	17~24 le=23		2-M32×1.5	14~18
15		40	27~32 le=32		2-M32×1.5	14~18
18.5		50	30~38 le=40		2-M40×1.5	18~25
22		63	48~65 le=60		2-M40×1.5	18~25