



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 13.0045X issue No.:1

Certificate history:
Issue No. 1 (2014-11-20)
Issue No. 0 (2014-5-12)

Status: Current

Date of Issue: 2014-11-20 Page 1 of 4

Applicant: SHIMADA ELECTRIC CO., LTD.
2-29-6, Nakaikogami Ota-ku, Tokyo
Japan

Electrical Apparatus: Frame proof junction Box STH*
Optional accessory:

Type of Protection: Flameproof enclosures "d"

Marking: Ex d IIB T6 Gb
IP66

Approved for issue on behalf of the IECEx
Certification Body: Zhang Wei

Position: President

Signature:
(for printed version)

Date:

2014-11-20

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





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Manufacturer: **SHIMADA ELECTRIC CO., LTD.**
2-29-6, Nakaikagami Ota-ku, Tokyo
Japan

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 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

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/EXTR13.0056/00

CN/CQM/EXTR13.0056/01

Quality Assessment Report:

CN/CQM/QAR12.0002/01



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

For different dimension (mm):

1 200×150×120

2 300×200×160

3 400×250×205

4 400×350×237

5 530×380×280

Maximum Voltage: 750V

Max Current: 100A

CONDITIONS OF CERTIFICATION: YES as shown below:

1. After de-energizing, delay 10 minutes before opening.
2. Contact the original manufacturer for information on the dimensions of the flameproof joints.
3. Separately certified cable glands should be used.
4. Property class of A2-70 or higher fasteners should be used.



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

Expend the type of earth terminal to USLKG1.5N/2.5N/3/5/6N/10N/16N/35/50/95.