



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 KOS 07.0002X** Issue No.: **0**

Status: **Current**

Date of Issue: **2007-01-05** Page 1 of 3

Applicant: **HK CONTROMATIC CO., LTD**
#4Ba-720, Shihwa Industrial Complex, Sunggok-Dong, Ansan-Shi, Kyounggi-Do, 425-110
Korea, Republic of
Korea, Republic of

Electrical Apparatus: **Type APL-5**N Limit Switch Box**
Optional accessory:

Type of Protection: **Flameproof Enclosure "d"**

Marking: **Ex d IIC T6 IP67**
(-20 °C ≤ Tamb ≤ 60 °C)

Approved for issue on behalf of the IECEx
Certification Body:

K.S.PARK

Position:

President

Signature:
(for printed version)

Date:

2007-01-05

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:

**Korea Occupational Safety and
Health Agency (KOSHA)**

34-4 Kusan-dong
Pupyong-gu
Inchon 403-711
Korea, Republic of

KOSHA



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Page **2** of **3**

Manufacturer: **HK CONTROMATIC CO., LTD**
#4Ba-720, Shiwha Industrial Complex, Sunggok-
Dong, Ansan-Shi, Kyounggi-Do, 425-110
Korea, Republic of
Korea, Republic of

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 manufacture'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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'

*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:

KR/KOS/ExTR07.0002/00

Quality Assessment Report:

KR/KOS/QAR06.0001/01



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Page **3** of **3**

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

A Series APL-5**N Limit Switch Box is the equipment which monitors the present position of valve by contacting micro switches from controller or control system.

The interior of the enclosure is fitted with up to four switches rated at up to 16A, 250Vac with associated switch assembly and terminal block.

Cable entry holes are provided as specified on the certified drawings for the fitting of suitably certified flameproof cable entry devices. Unused entries are to be fitted with suitably certified flameproof stopping plugs.

CONDITIONS OF CERTIFICATION: YES as shown below:

Ambient temperature range Ta: -20 °C to +60 °C.