



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 ULD 16.0017X Issue No: 0 Certificate history:
Issue No. 0 (2016-07-01)

Status: **Current** Page 1 of 3

Date of Issue: **2016-07-01**

Applicant: **European Safety Systems Limited**
Impress House
Mansell Road
Acton
London W3 7QH
United Kingdom

Equipment: **STEx range of Signalling Beacons, Loudspeakers, Sounders and STExJ2
Junction Box**

Optional accessory:

Type of Protection: **Flameproof "db" and protection by enclosure "tb"**

Marking:
Ex db IIC T6...T3 Gb
Ex tb IIIC T85°C...T135°C Db

-50°C to +70°C (or '+' as specified in Ratings table in Annex.)

Approved for issue on behalf of the IECEx
Certification Body:

Aled Thomas

Position:

Project Engineer

Signature:
(for printed version)

Date:

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:

UL International Demko A/S
Borupvang 5A,
DK-2750 Ballerup
Denmark





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Manufacturer: **European Safety Systems Limited**
Impress House
Mansell Road
Acton
London W3 7QH
United Kingdom

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:

[DK/ULD/ExTR16.0017/00](#)

Quality Assessment Report:

[GB/SIR/QAR06.0020/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

See Annex for additional information.

CONDITIONS OF CERTIFICATION: YES as shown below:

Parts of the enclosure are non-conducting and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.

All entries must be fitted with a suitable seal at the interface with enclosure.

Repair of the flamepath's is not permitted.

STExB2X21 models shall not be mounted with the lamp down.

Annex:

[Annex to IECEx ULD 16.0017X Issue 0.pdf](#)