



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEx ULD 24.0006X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2024-04-09)

Status: **Current** Issue No: 1

Date of Issue: 2024-05-31

Applicant: **Axis Ex AB**  
Gränden 1,  
SE-223 69 Lund,  
Sweden

Equipment: **Loudspeaker - AXIS XC1311**

Optional accessory:

Type of Protection: **Flameproof "db" and Dust Ignition Protection by Enclosure "tb"**

Marking: Ex db IIC T5 Gb  
Ex tb IIIC T91°C Db  
-40°C...+60°C

Approved for issue on behalf of the IECEx  
Certification Body:

**Lucy Frieders**

Position:

**Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

2024-05-31

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Certificate issued by:

**UL Solutions (Demko)**  
Borupvang 5A  
Ballerup DK-2750  
Denmark





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Date of issue: 2024-05-31

Issue No: 1

Manufacturer: **Axis Ex AB**  
Gränden 1,  
SE-223 69 Lund,  
**Sweden**

Manufacturing locations: **Axis Ex AB**  
Maskinvägen 1  
Lund 227 30  
**Sweden**

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

This Certificate **does not** indicate compliance with 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 Reports:

[DK/ULD/ExTR24.0007/00](#)

[DK/ULD/ExTR24.0007/01](#)

Quality Assessment Report:

[GB/EXV/QAR21.0005/03](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Loudspeaker AXIS XC1311 comprises an Aluminium enclosure housing components to amplify sound. Up to three M20 threaded entries may be provided for installation of appropriately certified cable entry devices by the end user.

**Please see Annex for additional information.**

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

- No repair to the flameproof joints is permitted.



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

Issue 1: Correction to the manufacturing location address.

**Annex:**

[Annex to IECEx ULD 24.0006X Issue 1.pdf](#)



# IECEX Certificate of Conformity

Annex to Certificate No.:

IECEX ULD 24.0006X

Issue No.: 1

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## TYPE DESIGNATION

Nomenclature:

Model	
AXIS XC1311	12.95W PoE input, loudspeaker, large flare

The product is permitted to use any radial or flare horn.

## PARAMETERS RELATING TO THE SAFETY

Max. 12.95 W

## MARKING

Marking has to be readable and indelible; it has to include the following indications:

<b>AXIS EX 1</b>	
MODEL: AXIS XC1311 P/N: XXXXX S/N: XXXXXXXXXX MAC address: B8A44F000000 YEAR/MONTH: YYYY/XX	 II 2 G Ex db IIC T5 Gb II 2 D Ex tb IIIC T91°C Db
UL 24 ATEX 3177X IECEX ULD 24.0006X PESO: XXXXXX/X IA: MASC X/XX-XXXXX	 Class I Div 1 Groups A, B, C, D T5 Class I Zone 1 AEx db IIC T5 Gb Zone 21 AEx tb IIIC T91°C Db Evaluated for Electrical and Hazardous Location Safety Audible-signal Appliance for Use in Hazardous Locations
Ta: -40°C to +60°C Power: max 12.95 W PoE: IEEE 802.3af Type 1 Class 3 IP66, Type 4X	Warning If temperature exceeds (ATEX/IECEX: 70°C at entry or 80°C at branching point)(NEC/CEC 60°C at entry or branching point), use suitably rated cables and cable glands.
Country of origin: Sweden FCC, see manual CAN ICES-3(A)/NMB-3(A)	  
Axis Ex AB, Gränden 1, SE-223 69 LUND, SWEDEN	

**CAUTION**  
TO REDUCE THE RISK OF IGNITION OF HAZARDOUS ATMOSPHERES:  
DISCONNECT FROM SUPPLY BEFORE OPENING.  
KEEP TIGHTLY CLOSED WHEN IN OPERATION.

**WARNING**  
FIT SEALING FITTING IN CONDUIT RUNS WITHIN 18 INCHES FROM ENCLOSURE.  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT.  
DO NOT OPEN WHEN ENERGIZED.  
POTENTIAL ELECTROSTATIC CHARGING HAZARD. CLEAN ONLY WITH A DAMP CLOTH.

**ATTENTION**  
POUR RÉDUIRE LES RISQUES D'INFLAMMATION D'ATMOSPHÈRES DANGEREUSES: DÉBRANCHEZ L'ALIMENTATION AVANT L'OUVERTURE.  
GARDER BIEN FERMÉ LORS DU FONCTIONNEMENT.

**AVERTISSEMENT**  
AJUSTEMENT DU RACCORD D'ÉTANCHÉITÉ  
DANS LE CONDUIT S'ÉTEND À MOINS DE 18 POUCHES DE L'ENCEINTE.  
NE PAS OUVRIR EN PRÉSENCE D'UNE ATMOSPHÈRE EXPLOSIVE.  
NE PAS OUVRIR LORSQUE SOUS TENSION.  
POTENTIEL ÉLECTROSTATIQUE RISQUE DE CHARGE. NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE.