



**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No.:	7136-2279:0503
CATEGORY:	7136 - AUDIBLE DEVICES FOR HAZARDOUS LOCATIONS
LISTEE:	European Safety Systems LTD Units 18 & 20, Impress House, Mansell Road, Acton, London W3 7QH, GB Contact: King, Alan +44 (0)20 8746 4326 Email: alan.king@e2s.com



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DESIGN:	<p>Models D2xS1DC024, D2xS1DC048, D2xS1AC115, D2xS1AC230, *D2xS2FDC024-A, D2xS2HDC024-A, D2xS2FDC024-S, D2xS2HDC024-S, D2xS2FAC230-A, D2xS2HAC230-A, D2xL1FV725, D2xL2FV725, D2xL2HV725, D2xL1FV100, D2xL2FV100, D2xL2HV100, D2xL1FR008, D2xL1FR016, D2xL2FR008, D2xL2FR016, D2xL2HR008, and D2xL2HR016*. Audible signal devices each may be followed by up to four non certification specific alphanumeric characters.</p> <p>Models D2xC1x05DC024, D2xC1x05DC048, D2xC1x05AC115, D2xC1x05AC230, D2xC1x10DC024, D2xC1x10DC048, D2xC1x10AC115 and D2xC1x10AC230 Audible-Visual signal devices each may be followed by up to four non certification specific alphanumeric characters, for use in:</p> <p>All models are for use in:</p> <p>Class I, Division 2, Groups A, B, C and D;</p> <p>Class II, Division 2, Groups F and G; Class III; Hazardous Locations.</p> <p>Class I Zone 2 AEx ec IIC; Zone 22 AEx tc IIIC; Hazardous Locations.</p> <p>The D2xS1 series Sounders are for use in hazardous locations. One enclosure design is consistent throughout the series with different PCB designs to cater for the various input voltages.</p> <p>The D2xC1 series Sounder Beacons are for use in hazardous locations. The enclosure is largely the same as the D2xS1 but modified to include the Beacon and associated electronics. Different PCB designs exist for the various input voltages and beacon energies.</p> <p>*The D2xS2 series Sounders are for use in hazardous locations. One enclosure design is consistent throughout the series with different Horn and/or PCB designs to cater for the various input voltages.</p> <p>*The D2xL series Loudspeaker share the same enclosure construction. The pressure unit mounted inside the enclosure produces sound waves which transmit out via the horn (of various type). The input board layout is identical in all loudspeakers but variations in transformer connections cater for the different input voltages.</p> <p>Refer to listee's printed data sheet for additional detailed product description and operational considerations.</p>
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RATING:	Refer to listee's printed datasheet for electrical and environmental ratings.
INSTALLATION:	In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, electrical rating, and UL label.
APPROVAL:	Listed as audible signal appliances for use in hazardous locations when used with separately listed compatible fire alarm control units. These devices are intended for indoor or outdoor installation. Refer to Manufacturers Installation Instruction Manual for details.
NOTES:	

*Revised 02-28-24 MH



This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 04/24/2024

Listing Expires: 06/30/2025

Authorized By: **David Castillo**, Program Coordinator
Fire Engineering & Investigations Division