



# EC CERTIFICATE

## NOTIFIED BODY NUMBER 2821

### CERTIFICATE OF CONSTANCY OF PERFORMANCE CERTIFICATE No. 2821-CPR-0109

This is to certify that UL International (Netherlands) B.V. did undertake the relevant AVCP procedures for the equipment identified below which was found to be in compliance with the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product, subject to any conditions attached hereto.

Manufacturer: European Safety Systems Ltd

Address: Units 18 & 20, Impress House, Mansell Road Action, London W3 7QH, UK

Product Description: Fire Alarm Devices – Sounder  
Alarm Devices - Visual Alarm Device

Model Reference: AlertAlarm Range, AL100X / AL105NX Xenon Sounder Beacon  
Models AL100XDC024, AL100XDC048, AL105NXDC024, and AL105NXDC048

Places of production: Same as manufacturer

Harmonised Standard(s): EN 54-3:2001 + A1:2002 + A2:2006  
EN 54-23:2010

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above referenced standards, under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate will remain valid as long as neither the standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Date of 1<sup>st</sup> issue: 16<sup>th</sup> April 2021  
Issue: 1  
Date of re-issue: N/A

Issued by UL International (NL) B.V. Notified Body 2821.

Signed:

Name: Koen Schilleman  
Deputy Head of Notified Body

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## Schedule for certificate No. 2821-CPR-0109

### Detailed information sheet

Model Reference: AlertAlarm Range, AL100X - Model AL100XDC024 and AL100XDC048,  
Type: Type B (Outdoor)  
Description: Fire Alarm Devices – Sounder  
Alarm Devices - Visual Alarm Device  
Voltage: 24V Version (20.0 – 28.0 V dc)  
48 V Version (42.0 – 52.0 V dc)  
VAD W-2.4-4.8 (24V) / W-2.5-5.0 (48V)

Model Reference: AlertAlarm Range, AL105NX - Model AL105NXDC024 and  
AL105NXDC048,  
Type: Type B (Outdoor)  
Description: Fire Alarm Devices – Sounder  
Alarm Devices - Visual Alarm Device  
Voltage: 24V Version (20.0 – 28.0 V dc)  
48 V Version (42.0 – 52.0 V dc)  
VAD W-2.4-4.8 (24V) / W-2.5-5.0 (48V)

Certified Tones (All Models):  
Tone 2: Fainting Tone, 1200/500Hz @ 1Hz  
Tone 5: Alternating Tone, 544Hz(100mS)/440Hz (400mS)  
Tone 8: Rising Tone, 500/1200Hz @ 0.26Hz (3.3s on, 0.5s off)  
Tone 21: Continuous Tone, 800Hz  
Tone 31: Pulsed Tone, 660Hz (150mS on, 150mS off)  
Tone 44: Alternating Tone 800/1000Hz @ 2Hz Alternating

### Technical documentation:

UL Report: S36282-D01-EuropeanDirective-Original

### Limitations on the acceptance or use of the product(s):

Installation instructions To be used in accordance with the supplier's installation instructions.

### Terms and Conditions:

1. This certificate remains the property of UL International (NL) B.V, herein "UL NL", and will be withdrawn if any conditions attached to its issue are not complied with.
2. This certificate is issued subject to the Global Services Agreement (GSA) and CPR Service Terms.
3. Production is limited to the site(s) as listed, or detailed within the Technical documentation held by UL NL.
4. Any product change, production/process changes, etc. which may affect conformity shall be notified to UL NL.
5. This certificate is only valid for placing goods on the EU market.

END OF CERTIFICATE

Date of 1<sup>st</sup> issue: 16<sup>th</sup> April 2021  
Issue: 1  
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