Certificate of Constancy of Performance





In compliance with 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(s)

DB1, DB2, DB2S, DB3S and DB1S Ranges of Sounders and Visual Alarm Product(s):

Devices

(refer to attached appendix for details and conditions)

placed on the market under the name or trade mark of:

Acumo AB

Huvudkontor, Söderby Gårds Väg 11A, SE-147 60 Uttran, Sweden

and produced in the manufacturing plant(s):

FIRCROFT.01

Intended use: **Fire Safety**

> This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the

standard(s):

EN54-3:2001+A1:2002+A2:2006

EN54-23:2010

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 was first issued on 18 November 2016 and will remain valid as long as neither the harmonised 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body 0359

Intertek Testing & Certification Limited

Cleeve Road, Leatherhead Surrey, KT22 7SB

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Date 18/11/2016 Issue

www.intertek.com

Registered No 3272281 Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ, United Kingdom

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Certificate of Constancy of Performance 0359-CPR-00614



Appendix to Certificate of Constancy of Performance 0359-CPR-00614

The details and conditions of use for the DB1, DB2, DB2S, DB3S and DB1S Ranges of Sounders and Visual Alarm Devices, placed on the market under the name or trade mark of:

Acumo AB

Huvudkontor, Söderby Gårds Väg 11A, SE-147 60 Uttran, Sweden

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

Products compliant with EN54-3:2001+A1:2002+A2:2006

Model	Manufacturing Location	Description
DB1S	FIRCROFT.01	Sounder in red with dual red and white strobe and deep base AT
DB1S-W	FIRCROFT.01	Sounder in white with dual red and white strobe and deep base AT
DB3S	FIRCROFT.01	Triple red deep base with DUO-RW strobe and NS100R sounder fitted
DB3S-W	FIRCROFT.01	Triple white deep base with DUO-RW strobe and NS100R sounder fitted
DB2S	FIRCROFT.01	Double red deep base with NB100R-RW-D strobe and NS100R sounder fitted
DB2S-W	FIRCROFT.01	Double white deep base with NB100R-RW-D strobe and NS100R sounder fitted

Products compliant with EN54-23:2010

Model	Manufacturing Location	Description
DB1S	FIRCROFT.01	Sounder in red with dual red and white strobe and deep base AT
DB1S-W	FIRCROFT.01	Sounder in white with dual red and white strobe and deep base AT
DB3S	FIRCROFT.01	Triple red deep base with DUO-RW strobe and NS100R sounder fitted
DB3S-W	FIRCROFT.01	Triple white deep base with DUO-RW strobe and NS100R sounder fitted
DB1	FIRCROFT.01	Red and white dual colour high output strobe with red deep base
DB1-W	FIRCROFT.01	Red and white dual colour high output strobe with white deep base
DB2	FIRCROFT.01	Double red deep base dual colour high output strobe
DB2S	FIRCROFT.01	Double red deep base with UNO-R-RW strobe and NS100R sounder fitted
DB2-W	FIRCROFT.01	Double white deep base dual colour high output strobe
DB2S-W	FIRCROFT.01	Double white deep base with UNO-R-RW strobe and NS100 sounder fitted

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0359-CPR-00614 Issue 1

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Certificate of Constancy of Performance 0359-CPR-00614



Appendix to Certificate of Constancy of Performance 0359-CPR-00614 (continued)

Bases:

Each product has the compliant base identified in the product description.

Model	Description
48-0001	Deep base AT
48-0002	Double base AT
48-0003	Triple base AT wired
48-0004	Double base AT wired
48-0005	Deep base
48-0006	Deep base with PCB cradle (DAK base)
48-0007	Shallow base

Compliant settings:

EN54-3:2001+A1:2002+A2:2006

All applicable models are approved for use with the following tones at maximum volume setting only:

Tone Setting	Tone Description
Tone 6	660 Hz, Intermittent (0.5 s ON – 0.5 s OFF)
Tone 8	800 – 1000 Hz Sweep (1 Hz)
Tone 12	500 -1200 Hz, Sweep, (3.5 s ON – 0.5 s OFF)

EN54-23:2010

All models within the DB1S range have been approved with the following settings:

Flash Rate and Power	Flash Colour	Coverage Volume
1 s, Low power	Red / White*	W-2.4-6
1 s, High power	Red / White*	W-2.4-7.6
2 s, Low power	White	W-2.4-6
2 s, High power	White	W-2.4-7.6

^{*}Models DB1S and DB1S-W have a dual flash colour. When the dual red / white setting is used, compliance to EN54-23:2010 is based on the white flash only.

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Appendix to Certificate of Constancy of Performance 0359-CPR-00614 (continued)

All models within the DB1, DB2, DB2-S and DB3S ranges have been approved with the following settings:

Flash Rate and Power	Flash Colour	Coverage Volume
1 s, Low power	Red / White*	W-3-9
1 s, High power	Red / White*	W-5-12
2 s, Low power	White	W-3-9
2 s, High power	White	W-5-12
1 s, Low power	Red (alarm) / White (pre-alarm)*	W-3-9
1 s, High power	Red (alarm) / White (pre-alarm)*	W-5-12

^{*} Models DB1, DB2, DB2-S and DB3S have a dual flash colour. When the dual red / white setting is used, compliance to EN54-23:2010 is based on the white flash only.

Conditions of use:

All models are suitable for indoor or outdoor applications.

General Notes:

1. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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