Certificate No.: 2531-CPR-CSP11319



CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU 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

BBR-230 Addressable indoor sounder with isolator

The product fulfils the essential characteristic:

See Annex 1

Intended use:

Applications related to automatic fire alarm systems

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

Autronica Fire and Security AS Bromstadvegen 59 NO-7047 Trondheim Norway

and produced in the manufacturing plant:

CPA10061

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 54-3:2001/A1:2002/A2:2006	:	Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders
EN 54-17:2005	:	Fire detection and fire alarm systems - Part 17: Short-circuit isolators

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 2022-12-23 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: 2022-12-23.

Chris Ellis Responsible for evaluation

Merete Poulsen Responsible for certification decision

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DBI Certification A/S Jernholmen 12, 2650 Hvidovre Tlf.: 36 34 90 90

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Annex 1

EXTENT

Type: BBR-230 Addressable indoor sounder with isolator

Sounder Tones:

Tone	Description	Sounder Pattern Information
а	General Alarm	880Hz, 7*0.5 sec pulse & 1*5.5
b	Evacuate	880 Hz, 1 sec on / 1 sec off, forever
с	Alert	880 Hz ON, forever
d	Bell Test	0.5 sec on every 8 sec
е	Slow Whoop	3.5 sec on / 0.5 sec off, 500-1200 Hz

Performance

Essential characteristics	Clauses in EN 54-3:2001/A1:2002//	A2:2006 Performance
Performance under fire conditions	4.2, 4.3, 5.2, 5.3	Pass
Operational reliability	4.4, 4.5, 4.6, 5.4	Pass
Durability of operational reliability	5.5, 5.6, 5.7, 5.8, 5.9	Pass
and response delay; temperature resistance		
Durability of operational reliability; humidity resistance	5.8, 5.9, 5.10	Pass
Durability of operational reliability; corrosion resistance	5.11	Pass
Durability of operational reliability; vibration resistance	5.12 to 5.15	Pass
Durability of operational reliability; electrical stability	5.16	Pass
Durability of operational reliability; resistance to ingress	5.17	Pass

5.16 applies o	nlv to so	unders or	voice sounde	rs with acti	ve electronio	components

Essential characteristics	Clauses in EN 54-17:2005	Performance
erformance under fire conditions	5.2 ¹⁾	Pass
Operational reliability	4 2)	Pass
Durability of operational reliability; temperature resistance	5.4, 5.5	Pass
Durability of operational reliability; vibration resistance	5.9 to 5.12	Pass
Durability of operational reliability; humidity resistance	5.6, 5.7	Pass
Durability of operational reliability; corrosion resistance	5.8	Pass
Durability of operational reliability; electrical stability	5.3, 5.13	Pass

There is no provision for connection of ancillary devices and this device does not incorporate a LED indicator. Therefore the clauses 2) 4.2 and 4.3 are not applicable.

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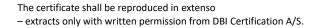
Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
BRE	TE 243617	2010-10-15
BRE	TE 243617-SW	2010-10-19
BRE	TE221656	2005-08-18

TECHNICAL BASIS

File Number	Title	Date
BBR-230 BOM	654032FULL-0015	2019-05-08
	SY/R BBR-230 AUTRONICA	
02C077	Critical Component List	2019-04, Rev. 3.0





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