



Rue du Parc 50  
4432 Alleur

## **DECLARATION OF PERFORMANCE**

**n° 1134-CPR-088**

1. Unique identification code of the product-type :

**CDI- 1**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) :

**Control and indicating equipment ( SN XXXXX )**

3. Intended use or uses of the construction product, in accordance with the application harmonised technical specification, as foreseen by the manufacturer :

**Fire detection and fire alarm systems for buildings**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)

**VLV sa, Rue du Parc, 50 à 4432 Alleur (Belgique)**

**Tél : 04/257 51 26 / email : [info@vlvsa.be](mailto:info@vlvsa.be)**

**Factory : BESSER SA Z.I. In den ALLERN N°3 9911 TROISVIERGES (Luxembourg)**

**Tél : 00352 25226957212 / email: [besser@pt.lu](mailto:besser@pt.lu)**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)

**Non applicable.**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :

**System 1**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard :

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**performed the determination of the product type under system 1 on the basis of the type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of performance.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued :

**Non applicable.**

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## 9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Performance under fire conditions	PASS	EN 54-2 :1997/A1 :2006 Art : 4,5,7
Response delay (response time to fire)	PASS NPD	EN 54-2 :1997/A1 :2006 Art :7.1,7.7,7.11 7.12
Operational reliability	PASS NPD	EN 54-2 :1997/A1 :2006 Art : 4,5,6,7,8,9,10,12,13,14 11
Durability of operational reliability, temperature resistance	PASS	EN 54-2 :1997/A1 :2006 Art : 15.4
Durability of operational reliability, vibration resistance	PASS	EN 54-2 :1997/A1 :2006 Art : 15.6,15.7,15.15
Durability of operational reliability, humidity resistance	PASS	EN 54-2 :1997/A1 :2006 Art : 15.5,15.14
Durability of operational reliability, electrical stability	PASS	EN 54-2 :1997/A1 :2006 Art : 15.8 to 15.13
Performance of power supply	PASS	EN 54-4 :1997/A1 :2002/A2 :2006 Art : 4,5,6
Operational reliability	PASS	EN 54-4 :1997/A1 :2002/A2 :2006 Art : 4,5,6,7,8
Durability of operational reliability, temperature resistance	PASS	EN 54-4 :1997/A1 :2002/A2 :2006Art : 9.5
Durability of operational reliability, vibration resistance	PASS	EN 54-4 :1997/A1 :2002/A2 :2006Art : 9.7,9.8,9.15
Durability of operational reliability, humidity resistance	PASS	EN 54-4 :1997/A1 :2002/A2 :2006Art : 9.6,9.14
Durability of operational reliability, electrical stability	PASS	EN 54-4 :1997/A1 :2002/A2 :2006Art : 9.9 to 9.13

Test condition	Time to discharge(s)	Capacity (Ah)	Minimum Pass level(Ah)	Result
Discharge at C/20 following 72 hours	T1= 22h47 min12sec	49Ah	45(C)	Pass
Discharge at C/20 following 24 hours	T2= 20h32min44s	46Ah	36(0,8xC)	Pass

Data from test report BFS/REDI/258

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by :

**Campo Giovanni**

**Quality Manager.**

**Alleur, le 31/10/2017**

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