

DECLARATION OF PERFORMANCE

N.º NGQ05020013

1. Unique Product identification code:

Fire Alarm Control Panel, model FIREWALL

2. Intended use/es:

Fire Detection and Fire Alarm Systems

Part 2: Control and indicating equipment

Part 4: Power supply equipment

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) of Regulation (EU) No 305/2011:

**NIBBLE – Engenharia. Lda.
Rua Júlio Dinis, 265, 1D, 4785-330 Trofa- Portugal**

4. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2) of Regulation (EU) No 305/2011:

Not applicable

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V to Regulation (EU) No 305/2011:

Conformity System 1

6A. In case of the declaration of performance concerning a construction product covered by the harmonized standard:

EC Certificate of Conformity

1328-CPR-0159 - 2015-12-15

Issued by: CERTIF – Associação para a Certificação, Notified Body 1328

7. Declared performance:

Essential Characteristics Table ZA.1 – Relevant Clauses	Clause	Performance	Harmonized standard
Performance under fire condition	4, 5, 7	Pass	EN 54-2:1997, EN 54:1997:A1/2006,EN 54-2/AC:1999
Response delay (response time to fire)	7.1, 7.7, 7.11, 7.12	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999
Operational reliability	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999
Durability of operational reliability, temperature resistance	15.4	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999
Durability of operational reliability, temperature resistance	15.6, 15.7, 15.15	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999
Durability of operational reliability, electrical stability	15.8 to 15.13	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999
Durability of operational reliability, humidity resistance	15.5, 15.14	Pass	EN 54-2:1997, EN 54-2:1997:A1/2006,EN 54-2/AC:1999

Essential Characteristics Table ZA.1 – Clausulas Relevantes	Clause	Performance	Harmonized standard
Performance of power supply	4, 5, 6	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999
Operational reliability	4, 5, 6,7,8	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999
Durability of operational reliability, temperature resistance	9.5	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999
Durability of operational reliability, vibration resistance	9.7, 9.8, 9.15	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999
Durability of operational reliability, electrical stability	9.9 a 9.13	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999
Durability of operational reliability, humidity resistance	9.6, 9.14	Pass	EN 54-4:1997, EN 54-4:1997/A1:2000 EN 54-4:1997/A2:2000, EN 54-4:1997/AC:1999

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Trofa, 17th of July, 2016.

NIBBLE - Engenharia, Lda.

NIF: 506 670 333

Rua Júlio Dinis, 265 - 1º

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(José Azevedo, General Manager)