

DECLARATION OF PERFORMANCE

N° 1134-CPR-074 - rev 3

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|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product-type: | DIANA III |
| 2. Intended use/es: | Control and Indicating Equipment:
Fixed firefighting systems – Fire Detection and Fire alarm Systems |
| 3. Manufacturer : | BEMAC S.A.
Avenue du Progrès, 28
4432 Alleur
Belgium
Email: info@bemac.be
Tel :+32 (0)4 239 77 11
Fax:+32 (0)4 239 77 99 |
| 4. Authorised representative: | Not Applicable |
| 5. System/s of AVCP: | System 1 |
| 6. a) Harmonised standard:
Notified body/ies : | EN54-2: 1997/AC:A1:2006
1134 - ANPI |
| b) European Assessment Document
European Technical Assessment | Not Applicable
Not Applicable |

7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Functional tests according to EN54-2:1997 A1:2006 General requirements General requirements for indications Quiescent condition Fire alarm condition Fault warning condition Disabled condition Design requirement Add. design req for software controlled CIE Marking	Passed Passed Passed Passed Passed Passed Passed Passed Passed	EN54-2-stand. ref. 4 EN54-2-stand. ref. 5.1 to 5.6 EN54-2-stand. ref. 6 EN54-2-stand. ref. 7.1 to 7.9 EN54-2-stand. ref. 8.1 to 8.3, 8.5 to 8.8 EN54-2-stand. ref. 9.1 to 9.5 EN54-2-stand. ref. 12.1 to 12.11 EN54-2-stand. ref. 13.1 to 13.7 EN54-2-stand. ref. 14
Test according to EN54-4/A1:2002 A2 :2006 General requirements- Charger Functional tests	-5°C to 40°C Passed	EN54-4 – §5.3.1
Environmental tests Cold operational Damp Heat -steady state operational Damp Heat -steady state endurance Impact Vibration sinusoidal operational Vibration sinusoidal endurance Mains supply voltage variations Mains supply voltage dips and short interruptions Electrostatic Discharges Radiated Electromagnetic Fields Conducted disturbances ind. by electromagnetic fields Voltage transient-Fast transient burst Voltage transient- slow high energy voltage surge	-5°C – 16h 40°C-93%RH – 96h 40°C -93%RH- 500h 3 times 0.5J 0.98 m/s ² -10 to150Hz 4.9m/s ² -10 to150Hz 230Vac (-10%,+15%) -30%,-60%,-100% Contact disch 8kV; Air disch 8kV 10V/m- 80to2000MHz .15to100MHz,140dBµV 2kV mains,1kV signal Mains:1kV line,2kV Gnd; Signal:1kV Gnd	EN60068-2-1 :1993 EN60068-2-78 :2001 EN60068-2-78 :2001 EN60068-2-75 :1997 EN 60068-2-6 :1995 EN 60068-2-6 :1995 EN50130-4/A2 EN50130-4/A2 EN50130-A/A2 EN50130-A/A2 EN50130-4/A2 EN50130-4/A2 EN50130-4/A2 EN50130-4/A2 EN50130-4/A2

8. Appropriate 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 :



DENIS Laurent, R&D Manager
At Alleur, Belgium on Febr 20th 2019

This Declaration of Performance is available for download at the following location:

<http://www.bemac.be/uploads/agreements/BOSEC/DoP-1134-CPR-074.pdf>