



Marine & Offshore

Certificate number: 38956/B0 MED

File number: AP 4533

Item number: MED/3.51a

This certificate is not valid when presented without the full
attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations
and Commission Implementing Regulation (EU) 2018/773 of 15 May 2018

This certificate is issued to:

SEFI

DADONVILLE - FRANCE

for the type of product

FIXED FIRE DETECTION AND FIRE ALARM SYSTEMS COMPONENTS [...] - CONTROL AND INDICATING EQUIPMENT

Conventional Fire Detection Panel : ALPHA 4-8-12

Requirements:

SOLAS 74 convention as amended, Regulations II-2/7, X/3, Reg. II-2/7.2.2, Reg. II-2/7.4, Reg. II 2/7.4.1

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7

IMO Res. MSC.98(73) -(FSS Code)- as amended, 9

IMO Res. MSC.391(95) -(IGF Code)- as amended, 11

IMO MSC.1/Circ.1242, MSC.1/Circ.1487, MSC.1/Circ.1528

EN 54-2:1997 incl. /AC:1999 & /A1:2006.

As applic., electrical and electronic installation in ships:

IEC 60092-504:2016

IEC 60533:2015

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant
type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive
2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


This certificate will expire on: 19 Jun 2024

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV ORLEANS, on 19 Jun 2019,

Romain Carreau



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

1. PRODUCT DESCRIPTION:

POWER SUPPLY	: 230VAC (main)
SECONDARY SUPPLY	: 24VDC (Internal batteries)
REPETITION CONTACT	: General Alarm & General Fault
LINES CAPACITY	: 4, 8, 12
ZONE CAPACITY	: 32 detectors per line (128 to 384 points supervising)
OPERATING TEMPERATURE	: -10°C to 55°C

- User Manual No. 01 NGP.1172 Rev..I, dated 31/01/2013.
- Compliance with IEC 60533 (2015) Ref.: Comparison between IEC 60533, dated Apr 2016.

Test Reports Corrigendum No.1: BFS/DX/020-2007.02.26, dated 09 Apr 2010.
Test Reports Addendum No.1: BFS/DX/020-2007.03.30
Test Reports Addendum No.2: BFS/REDI/222-2008.11.06, dated 07 June 2013.
Test Reports Addendum No.3: BFS/DX/020-2007.02.26 dated 11 Mar 2010.

EMC Test Reports No. RC-032-BNC-12-105118-1, dated Nov 23, 2012.
 EMC Test Reports No. RC-032-BNC-12-105118-1-A, dated Nov 23, 2012.
 Climatical Test Reports No. R022-PNN-12-104975-2-A dated Nov 27, 2012.
 Mechanical Test Reports No. R022-PNN-12-104975-1/A dated Aug 11, 2012.
 EMC Test Reports No. SRC-032-PNI-13-105119-1, dated Sep 13, 2013.

EMC Partial Test Report No. RCE-100-19-100618-3-A, dated Mar 06, 2019.

4.1 - As per Requirements of Regulations stated on the front page of this certificate.
4.2 - The equipment fulfils the EMC requirements for installation on the Power Distribution Zone.
4.3 - The equipment is not to be fitted in hazardous areas.
4.4 - Prior to fit on board, assessment of compatibility or connectability with fire alarm unit is to be performed.
4.5 - Only Hardware and Software successfully tested together in compliance with the regulations as referred to in page one, according to the declaration of the manufacturer are covered by this certificate.
4.6 - The following component(s) shall comply with the requirements of MED2014/90/EU, as amended, and be wheelmarked:
- ALPHA 4/8/12.

5.1 - This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

5.2 - For information concerning the production phase modules, **SEFI** has declared the following manufacturing site(s):

SEFI
782 RUE DUHAMEL DU MONCEAU
ZA DE LA GUINETTE
BP 90817
45300 DADONVILLE
FRANCE

6. MARKING OF PRODUCT:

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS:

7.1 - It is **SEFI - FRANCE** 's responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the EC Type Examination Certificate No. 38956/A1 EC issued on 15 Sep 2016 by the Society.

*** END OF CERTIFICATE ***