



# Design Appraisal Document

Lloyd's Register EMEA  
Hamburg Technical Support Office  
Überseeallee 10  
20457 Hamburg  
Telephone +49 (0)40 34 97 00 10-100  
E-mail: hamburg-type-approval@lr.org

Date  
**25 November 2019**

Please quote this reference number on all future communications  
**HPC1562133/39078-19/AHB/TW/AC**

**THE LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 2017  
ISSUED TO: AUTRONICA FIRE AND SECURITY AS  
FOR: MANUAL CALL POINTS WITH SELFVERIFY FOR FIRE DETECTION SYSTEMS  
INTERIM TYPE APPROVAL LETTER; REF.: HPC 1562133/39079-19/AHB/TW/AC**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register's Type Approval System Procedure TA14 and this Design Appraisal Document forms part of the Certificate.

## APPROVAL DOCUMENTATION

Unnumbered	Application Checklist-Appendix to Form 2502TA/2502TA MR	14.03.2019
Unnumbered	Quote Approval CFO Mail	23.10.2019
OSL1900411	Production Quality Assessment Trondheim, Norway, 2 pages	22.10.2019
Unnumbered	Annex to PQA Report , 30 pages	22.10.2019
116-P-BF502N	Datasheet BF-502/N, Rev. D, 4 pages	25.11.2016
Unnumbered	EU Declaration of Conformity, 1 page	31.03.2016
Unnumbered	BOM Deviation for types BF502/Ex and BF502/N, 3 pages	24.10.2019
BN-100	Circuit Diagram BNA-303, Interface unit with SV Function, Rev. C, 1 page	01.10.2005
BN-087	Assembly Drawing BNA-303, Rev. C, 1 page	19.09.2011
AFS-05601	Internal Test Checklist BF502/N, Rev. 6, 3 pages	15.03.2016
TA/12/70033(E1)	LR Marine Design Appraisal Document, 2 pages	16.02.2013

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA  
Is a member of Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Lloyd's Register EMEA  
Hamburg Technical Support Office  
Überseeallee 10  
20457 Hamburg  
Telephone +49 (0)40 34 97 00 10-100  
E-mail: hamburg-type-approval@lr.org

Date  
25 November 2019

Please quote this reference number on all future communications  
HPC1562133/39078-19/AHB/TW/AC

## TEST REPORTS

E18217.00	EMC/ Environmental Test Report IEC 60092-504:2016 BF 502/Ex, 38 pages	15.11.2018
20916	EMC/ Environmental Test Report, BF 502/Ex, 64 pages	12.10.2016
2009-3598	EMC/ Environmental Test Report, Rev 02, BF 300 V2, BF 510 WP-H, BF 500 V2/Ex, 51 pages	20.11.2009

  
Antje Herms-Bondzio  
Hamburg Technical Support Office  
Lloyd's Register EMEA  
LR031.1.2016.06

Antje Herms-Bondzio  
Senior Specialist  
Hamburg Technical Support Office  
Lloyd's Register EMEA  
T +49 (0)40 34970010-144  
E antje.herms-bondzio@lr.org

  
  
Thorsten Wolff  
Hamburg Technical Support Office  
Lloyd's Register EMEA  
LR031.1.2016.06

Thorsten Wolff  
Senior Specialist  
Hamburg Technical Support Office  
Lloyd's Register EMEA  
T +49 (0)40 34970010-267  
E thorsten.wolff@lr.org

### Supplementary Type Approval Terms and Conditions

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the LR Type Approval System Procedure.*

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA  
Is a member of Lloyd's Register group