

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issue by: HAMBURG TECHNICAL SUPPORT OFFICE (HPC 1562135/1562136)

Issued to: Autronica Fire and Security AS

For: Fire Detectors, Adapters and Conduit Boxes

Types **BD-300, BD-500, BD-500/N, BD-500/EX, BD-501, BD-501/EX, BH-300, BH-320, BH-500, BH-500/N, BH-500/EX, BH-520, BH-520/N, BH-520/EX, BD-200, BH-200, BH-220, BWP-100/20, BWP-100/25, BWP-143A, BWP-143A-SS**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2017) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Version 2019.05	Type Approval Application Checklist	30.10.2019
2502TA (2018.12)	Request for Marine Services – Type Approval	12.06.2019
OSL1900411	Production Quality Assessment, Trondheim, pages 2, Norway	22.10.2019
Unnumbered	Autronica No-Change Statement, 1 page	09.06.2020
900776	NS-EN ISO 9001:2015 Certificat, 1 page	07.05.2020
116-P-BWP100	Data Sheet BWP-100, Rev D, 3 pages	13.06.2016
116-P-BD501	Data Sheet BD-501, Rev F, 2 pages	08.10.2018

TEST REPORTS

E18217.00	EMC Test Report IEC60092-504:2016, 38 pages	15.11.2018
2004-3565	ENV/EMC Test Report, Rev 01, 27 pages	17.12.2004
2003-3379	Salt Mist Test Report IEC 60068-2-52, Rev 01, 13 pages	23.10.2003
BFS/REDI/155	Product Test Report EN54-5:2000, 18 pages	16.06.2005
BFS/REDI/155	Product Test Report EN54-5:2000 / A1:2002, 4 pages	20.06.2008
Addendum Nr. 1		
BFS/REDI/155	Product Test Report EN54-5:2000 / A1:2002, 8 pages	27.06.2008
Addendum Nr. 2		
99-1491	ENV/EMC Test Report, Rev 02, 40 pages	04.01.2000
2000-1178	ENV/EMC Test Report, Rev 02, 26 pages	15.02.2000
BFS/REDI/154	Product Test Report EN54-5:2000/EN54-7:2000, 36 pages	03.06.2005
BFS/REDI/154	Product Test Report EN54-5:2000/A1:2002,	20.06.2008
Addendum Nr. 1	EN54-7:2000/ A1:2002, 6 pages	
BFS/REDI/154	Product Test Report EN54-5:2000/EN54-7:2000, 12 pages	03.06.2005
Addendum Nr. 2		
BFS/REDI/595	Product Test Report EN54-5:2000/A1:2002, EN54-7:2000/A1:2002/A2 :2006, 11 pages	28.10.2019



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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 Lloyd's Register Type Approval System Procedure.