

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issued by: HAMBURG TECHNICAL SUPPORT OFFICE

Issued to: AUTRONICA FIRE AND SECURITY AS

For: FIRE DETECTION SYSTEMS – INPUT / OUTPUT UNITS, TYPES: BN-30X, BNB-330A/-331, BNY-330

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

unnumbered	Type Approval Application Checklist	09.04.2024
418088	Request for Marine Services – Type Approval	16.05.2024
HTS/ETS 39289-20	Design Appraisal Document of Interim Type Approval Letter HPC 1662198/39290-20/AHB/TW/AC	08.01.2020
LR2004284TA	LR Type Approval Certificate for Input/Output Units BN-30x, BNB-330A/-331, BNY-330	18.06.2020
PRJ11100445999-2	Production quality assessment (PQA) report of Autronica Fire & Security AS	03.06.2024
900776	Certificate ISO 9001:2015 of Autronica Fire & Security AS (Trondheim, Norway)	03.05.2022
60.1005525, Rev. 2	Manufacturer's Declaration of Conformity (EMC, MED)	11.03.2024
1000369-1	Product data sheet of Single Monitored Input Unit BN-303	02.11.2021
1000372-3	Product data sheet of Single Monitored Input/Output Unit BN-304	11.11.2022
1000375-3	Product data sheet of Monitored Fire Alarm Device Control Unit BN-307	09.06.2021
850069/4.3/001, Rev. 1.1	Software change history BN-330A (SW version 1.3)	21.05.2024
086/5.1/001, Rev. 1.10	Software change history AutoSafe IO Units BN-303, BN-304, BN-305 (SW version 1.12) BN-307 (SW version 1.9), BN-308 (SW version 1.6)	09.04.2024
087/5.1/001, Rev. 1.2	Software change history BN-331 (SW version 1.6)	21.05.2024

TEST REPORTS

E18217.00	Test Report (EMC) acc. to IACS UR E10: 2014 / IEC 60092-504: 2016 (partial, EMC up to 6 GHz)	15.11.2018
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Matthias Karg
 Specialist
 Electrotechnical Systems
 Hamburg Technical Support Office
 Lloyd's Register EMEA
 T +49 40 3497 0010 240
 E matthias.karg@lr.org



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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.

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