

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issued by: HAMBURG TECHNICAL SUPPORT OFFICE (HPC1562137)

Issued to: AUTRONICA FIRE AND SECURITY AS

For: INPUT/OUTPUT UNITS, TYPE BN-300, BN310, BN-320, BN500/Ex

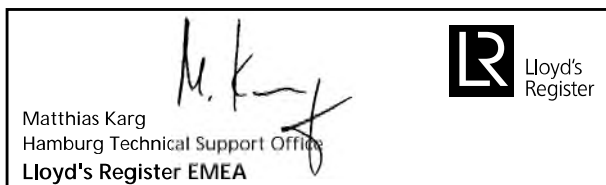
The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

ETS 57575	Type Approval Application Checklist	21.05.2021
ETS 55695	Request for Marine Services – Type Approval	17.06.2021
ETS 35310-17	Design Appraisal Document of previous certificate no. 15-20109 (E1)	24.05.2017
OSL1900411	Production quality assessment report of Autronica Fire & Security AS (Trondheim, NOR)	22.10.2019
900776	Certificate ISO 9001:2015 for Autronica Fire and Security AS	07.05.2020
unnumbered	EU Declaration of Conformity (MED, EMC directives)	02.09.2020
Nemko 03ATEX218X	ATEX Certificate EU-Type Examination (Issue 09) for Call Points, Heat, Smoke Detectors And Input Unit	07.01.2019
MEDB000019E, Rev 1	EC-Type Examination Certificate (Module B)	14.02.2020
AFS-07708	Software version control and traceability plan, Rev 0	25.05.2009
116-P-BN300/CGB	Product data sheet BN-300 INPUT UNIT WITH SELFVERIFY, Rev. K	10-02-2017
116-P-BN310/CGB	Product data sheet BN-310 SINGLE RELAY OUTPUT UNIT, Rev. C	24-10-2016
116-P-BN320/CGB	Product data sheet BN-320 INTERFACE UNIT WITH SELFVERIFY, Rev. C	24.10.2016
116-P-BN500/EX/CGB	Product data sheet BN-500/EX INPUT UNIT WITH SELFVERIFY, Rev. G	27.03.2019

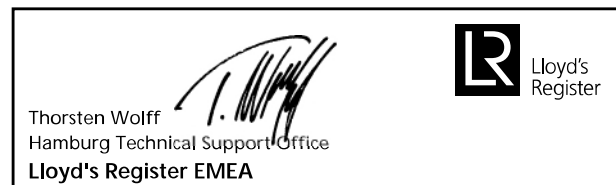
TEST REPORTS

E18217.00	Test Report Environmental and EMC in acc. with IEC60092-504:2016 / IEC60533:2015	15.11.2018
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LR031.1.2016.06

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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.