

COPY



## NIPPON KAIJI KYOKAI

## CERTIFICATE

No. KC22ES29(R)

THIS IS TO CERTIFY that NIPPON KAIJI KYOKAI did at the request of Messrs. Autronica Fire and Security AS, reviewed the relevant documents submitted by the applicant for the following products and found that the products are compliance with the applicable provisions of the Rules of EN54-3, EN54-17 and IEC60945. The Society accepts to apply those products to the vessels classed with the Society.

Product name	:	Beacon	BBL-100, BBL-100IP
		Sounder	BBR-130, BBR-230, BBR-230IP
		Sounder/Strobe	BBQ-130, BBQ-230, BBQ-230IP
Product descriptions	:	See Annex.	
Applicant	:	Autronica Fire and Security AS Bromstadvegen 59, N-7047, Trondheim, Norway	
Manufacturer	:	Eaton Electrical Products Limited Llantarnam Park, Cwmbran, South Wales, NP44 3AW, UK	
Documentations	:	See Annex.	
Specification	:	See Annex.	
NK Appraisal No.	:	FA-15	

This certificate remains valid until 13 November 2027, the system, the design or manufacture is changed or modified, or the instruction by the Society, whichever is the earliest.

This certificate is issued at Tokyo on 11 November 2022.

NIPPON KAIJI KYOKAI

  
 Y. Takao  
 General Manager  
 Material and Equipment Department



NOTE: This certificate has been issued due to renewal and affixing our ID No. for each type of systems/products.

This Report is issued subject to the condition that it is understood and agreed that neither the Society nor any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by this Society or its Surveyors or in any entry in the Record or other publication of the Society or for any error of judgment, default or negligence of its Officers, Surveyors or Agents.



Annex to the Certificate No. KC22ES29(R)

Product descriptions / Specification

Product name	Description	Specification
BBL-100	Addressable indoor beacon with isolator for use in fire detection and alarm systems	Product Datasheet 116-P-BBL 100/CGB, Rev. C, 2014-06-25
BBL-100IP	Addressable outdoor beacon with isolator for use in fire detection and alarm systems	Product Datasheet 116-P-BBL 100IP/CGB, Rev. C, 2014-06-25
BBR-130	Addressable indoor base sounder with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000282-2, 2021-05-19
BBR-230	Addressable indoor sounder with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000286-3, 2021-05-19
BBR-230IP	Addressable outdoor sounder with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000288-2, 2021-05-19, Test Report No.ENV778 2007-02-05
BBQ-130	Addressable indoor base sounder and beacon with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000274-4, 2021-05-19
BBQ-230	Addressable indoor sounder and beacon with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000276-2, 2021-05-19
BBQ-230IP	Addressable outdoor sounder and beacon with isolator for use in fire detection and alarm systems	Product Datasheet Doc-1000278-2, 2021-05-19, Test Report No.ENV778 2007-02-05

Test report

Test laboratory : BRE Global Ltd.  
Bucknalls Lane, Garston, Watford, WD25 9XX  
Report No. : TE243617  
Issued date : 15 October 2010

Test laboratory : Det Norske Veritas Certification AS  
Veritasveien 1, N-1322, Høvik, Norway  
Report No. : 2010-3107  
Issued date : 5 May 2010