

EC Type Examination Certificate

Notified Body 0729

This is to certify that ABS Europe Ltd., as a Notified Body under the authorization of UK MCA by Merchant Shipping Equipment Regulation, SI 1999, Number 1957 and M Notice Number 1734, as amended, did undertake the relevant type examination procedure of the product listed and same was found to be in compliance with the provisions of these Regulations and EU Directive 96/98/EC of 20 December 1996 as amended by EU Directive (EU) 2015/559

ANNEX A.1 ITEM NUMBER: A.1/3.51(f)

CERTIFICATE NUMBER: 11-LD696322-1-EC

APPLICANT: Eaton Electrical Products Limited

PLANT LOCATION: Cwmbran, South Wales, UK

PORT OFFICE: Bristol Station, UK

PRODUCT DESIGNATION: Fixed fire detection and fire alarm system components- Manual Call Point

Model: 'CX / CXL'

STANDARDS AND REGULATIONS:

SOLAS Regulations II-2/7, X/3

IMO Resolution MSC98(73)- (FSS Code) Chapter 9, MSC.36(63)-(1994 HSC Code) 7, MSC.97(73)-(2000 HSC Code) 7, MSC.1/Circ.1242

EN54-11(2001) including A1 (2005)

THIS CERTIFICATE IS ISSUED IN COMPLIANCE WITH CONFORMITY ASSESSMENT **MODULE B** OF THE REGULATIONS AND DIRECTIVES LISTED ABOVE.

ISSUE DATE: 19 August 2016

EXPIRATION DATE: 08 June 2021

SIGNATURE: Serkan Balakan



Should the specified regulations or standards be amended during the validity of this certificate, the products are to be re-approved prior to being placed on board vessels to which the amended regulations or standards apply.

This "Mark of Conformity" may only be affixed to the above equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase Module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written agreement with a Notified Body.

The attached document list forms part of this Certificate.

Certificate No.:

11-LD696322-1-EC

Entry Date:

19 August 2016

**Name of Equipment/
Component Manufacturer:**

Eaton Electrical Products Limited
Llantarnam Park
Cwmbran
United Kingdom
NP44 3AW

Tel: +44-1633-628-558
Fax: +44-1633-866-346
Website: www.fulleon.co.uk

Additional Manufacturing Plant:

Digital Lighting (Dongguan) Co., Ltd
Xin Min Road, Xin Min District
Changan Town
Dongguan City
Guangdong Province 523879
P.R. China

Tel: +86-769 81 66 78 88
Fax: +86-769 81 66 71 88

Equipment/Component:

Manual Call Point

Model:

CX/CXL

Description:

Conventional Manual Call Points for either indoor or outdoor use. The unit consists of glass or plastic operating face when broken or pressed respectively release the spring loaded element. This in turn operates a micro switch and changes a voltage free contact from NO to a NC causing the LED indication to illuminate. There are two variants for CXL. The CXL/GP/R/BB is for indoor applications whilst the CXL/ GRP/WP are suitable for outdoor use.

Intended Service:

Manual Call Points for fire alarm system for marine and offshore applications

Ratings:

Supply Voltage: 9 to 30 V DC
Switch Type: Single Pole change over PCB mounted micro switch.

Comments:

Approved in accordance with the requirements for fixed fire detection and fixed alarm system components, item A.1/3.51 of the European Union Marine Equipment Directive 96/98/EC as Amended by Directive (EU) 2015/559.

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This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the Notified Body named on this certificate.



Comments:



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EUROPE LIMITED

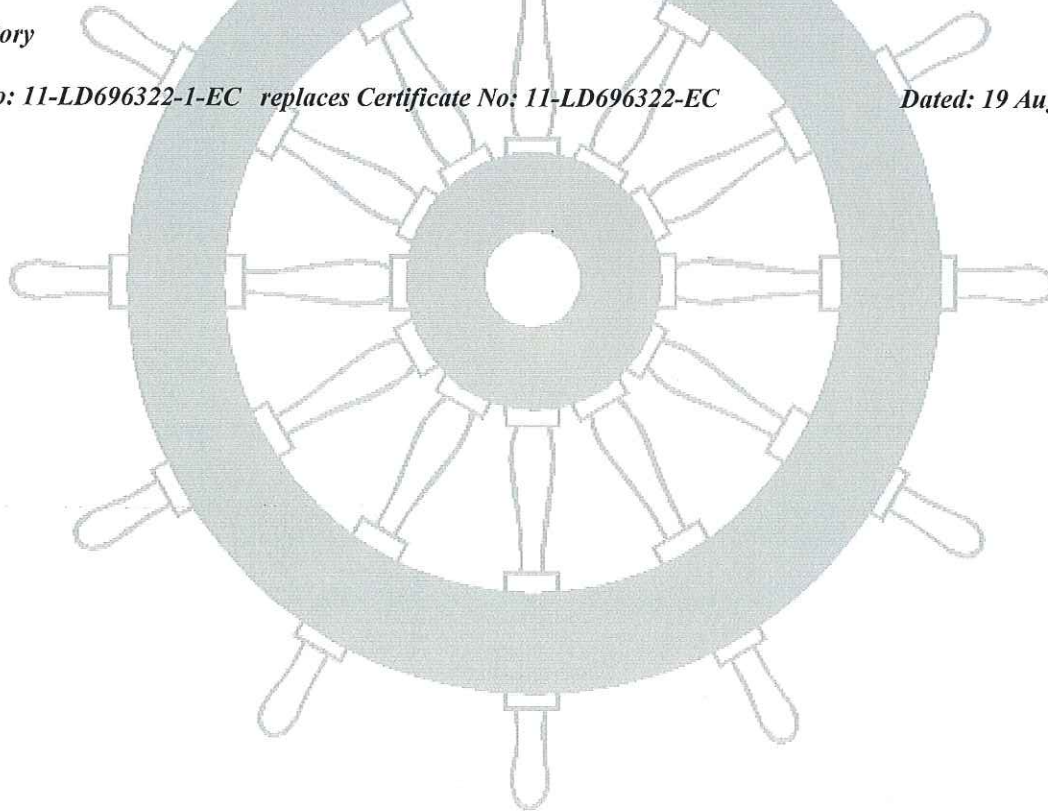
Drawing Schedule:

Drawing No	Drawing Title
16-LD1529599-PDA	PRODUCT DESIGN ASSESSMENT
TE233885	CXL-GP-R-BB & CXL-GP-R-WP CALL POINT TEST REPORT
TE243090	CXL GP R WP MANUAL CALL POINT TEST REPORT
TE244919	CXL GP R TEST REPORT

Revision History

Certificate No: 11-LD696322-1-EC replaces Certificate No: 11-LD696322-EC

Dated: 19 August 2016



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