

EC CERTIFICATE TYPE EXAMINATION (MODULE B)

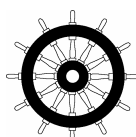
This is to certify that:

DNV GL SE, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	13 976 - 15 HH
Applicant	Hochiki Europe (UK) Ltd. Grosvenor Road, Gillingham Business Park Gillingham, Kent ME8 0SA, UNITED KINGDOM
Product Description	Input / Output Device
Product Name	CHQ-DRC/M(SCI), CHQ-DIM/M(SCI) , CHQ-DSC/M(SCI), CHQ-SZM/M(SCI), CHQ-DZM/M(SCI), CHQ-DZM/M(SCI)-IS, CHQ-SIM/M
Trade Name	CHQ-DRC/M(SCI), CHQ-DIM/M(SCI) , CHQ-DSC/M(SCI), CHQ-SZM/M(SCI), CHQ-DZM/M(SCI), CHQ-DZM/M(SCI)-IS, CHQ-SIM/M
Specified Standards	EN 54-18 (2005) including AC(2007), IEC 60092-504 (2001) including IEC 60092- 504 Corrigendum 1 (2011), IEC 60533 (1999).
Related Directive	2014/93/EU
Equipment Section	Fire protection
Annex A.1 Item No.	A.1/3.51h
Date of Re-issue	2016-01-05
Expiry Date	2020-03-29

DNV GL SE

Notified Body No.: 0098



Christine Mydlak-Röder

Certificate No: 13 976 - 15 HH

Date of Re-issue: 2016-01-05

Schedule of Approval

Additional Standards

EN 54-17 (2007) including AC(2007)

Approval Documentation

Test report : TE 235000, TE 235000-1, 101978111LHD-013, 101978111LHD-002b, TE243066-SW, TE243066, TE243127-Revision 2, 101978111LHD-011, 101978111LHD-002a, 243127-SW

Documents: CHQ-SZM-M(SCI) Document List, CHQ-DIM-M(SCI) Document List, CHQ-DSC-M(SCI) Document List, CHQ-DRC-M(SCI) Document List
1433450-00 CHQ-DZM(SCI) ASSEMBLY DRAWING & CIRCUIT DIAGRAM, 1433460-00 CHQ-DZM(SCI)-IS ASSEMBLY DRAWING & CIRCUIT DIAGRAM, 1433640-00 CHQ-SIM ASSEMBLY DRAWING

Technical Data

CHQ-DRC/M(SCI): Analogue Dual Relay Controller (with Isolator)

CHQ-DIM/M(SCI): Analogue Dual Input Module (with Isolator)

CHQ-DSC/M(SCI): Analogue Dual Sounder Controller (with Isolator)

CHQ-SZM/M(SCI): Analogue Single Zone Module (with Isolator)

CHQ-DZM/M(SCI): Analogue Dual Zone Monitor (with Isolator)

CHQ-DZM/M(SCI)-IS: I.S. Compatible Dual Zone Monitor (with Isolator)

CHQ-SIM/M: Single Input Module

Remarks

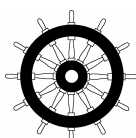
None

Limitations on the acceptance or use of the product

None

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE, as the Notified Body, of any modifications or changes to the approved equipment. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.