EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000B09
Revision no.:
0

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the **Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces: - manual call points**

with type designation(s)
Manual Call points

issued to

FABRICATION d' APPLICATIONS et de REALISATIONS ELECTRONIQUES FARE

rue Duhamel du Monceau ZA de la Guinette 45300 DADONVILLE France,

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/3.51f** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. II-2/7, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7, IMO Res. MSC.391(95)-(IGF Code) 11, IMO MSC.1/Circ.1242, SOLAS 74 Reg. X/3, IMO Res.MSC.98(73)-(FSS Code) 9

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-04-16**

Expiry date: **2031-04-15**

DNV local unit:
France CMC

Approval Engineer:
Nikolai Arntzen

Notified Body
no.: **0575**

for **DNV AS**

Christine Mydlak-Röder
Head of Notified Body

NORWEGIAN ACCREDITATION PROD 019

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. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees (“DNV”) arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Manual call points designed according to EN 54-11.

LYNX-Range:

LDMA	Manual call point with short circuit isolator.
LDMA-IP	Manual call point with short circuit isolator.
DMOCLIEx	Manual call point designed to be intrinsically safe.

Application/Limitation

Please see Appendix: Application/Limitation

Type Examination documentation

Tests carried out

Applicable tests according to:
- EN 54-11:2001 incl. A1:2005
- IEC 60092-504:2016
- IEC 60533:2015

Optional Performance tests for short circuit isolator:
- EN 54-17:2005 incl. AC:2007

Marking of product

For identification to this type examination certificate the products shall be marked with:
- Manufacturer's name or trade mark
- Type designation
- Mark of Conformity (wheel mark), followed by
    - identification number of the NoBo involved in production control (MED D)
    - the year the mark is affixed
    - Example: 0575/2026

APPENDIX
Application/Limitation

Certificate no.:
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The equipment is found to comply with following location/application dependent requirements (for definition of each of the location classes, see below the table):

MODEL	TEMPERATURE	VIBRATION	EMC	ENCLOSURE
LDMA	TEM-D	VIB-A	EMC-B	ENC-A (IP 33)
LDMA-IP	TEM-D	VIB-B	EMC-B	ENC-C (IP 66)
DMOCLIEx	TEM-C*	VIB-B	EMC-B	ENC-A (IP 33)

* Tested temperature (-25°C duration 2 hours).

Definition of the location classes with reference to relevant standards:
- Temperature: TEM-C – Location (-25°C to 55°C) (ref. IEC 60092-504:2016 table 1 item 6-7)
  TEM-D – Location (-25°C to 70°C) (ref. IEC 60092-504:2016 table 1 item 6-7)
- Vibration: VIB-A – For general applications (ref. IEC 60092-504:2016 table 1 item 10)
  VIB-B – On reciprocating machines etc. (ref. IEC 60092-504:2016 table 1 item 10)
- EMC: EMC-B – Bridge and open deck zone (ref. IEC 60092-504:2016 table 1 item 13-20)
- Enclosure: ENC-A – Control room, accommodation, bridge (ref. IEC 60092-504:2016 table 1 item 9 and 12)
  ENC-C – Open decks (IP66 + salt mist test) (ref. IEC 60092-504:2016 table 1 item 9 and 12)

Ex installations to be approved in each case according to the Rules and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

Ex-certification is not covered by this certificate and the following paragraph, which is for information only, is based on information received from the manufacturer, but not verified by DNV.

Information on Ex-Certification received from manufacturer – Not verified by DNV		
Equipment	Certified	Certificate No.
DMOCLIEx	Ⓔx II 1G Ex ia IIC T6 Ga	LCIE 12 ATEX 3028 X