Certificate No: LR26279024TA
Issue Date: 12/04/2026
Expiry Date: 11/04/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Danfoss Drives Oy**
Address	Runsorintie 7, Vaasa, 65380, Finland
Place of Production	Danfoss (China) Drives Co., Ltd. No. 339 Xinqiao North Road Wuyuan, Street Haiyan County, Jiaxing, 314300, China
Place of Production	Danfoss Drives Oy Runsorintie 7, Vaasa, 65380, Finland
Type	Electronic Frequency Convertor
Description	Frequency Converters TYPE NXS Air Cooled FR4 to FR12 NXP Air Cooled FR4 to FR14, FI9-FI13 NXP Liquid Cooled CH3, CH4, CH5, CH61, CH62, CH72, CH63, CH64, CH74 NXP can also be replaced by NXA, NXI, NXF, NXB, NXN, depending on application. All drives can be accompanied with external brake resistors, AC-chokes, SIN-, RFI- DUT-, L- or LCL-filters.

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CHETAN WAGH

Senior Specialist Electrical & Control to Lloyd's Register Marine and Offshore India LLP

Units 1702-1704, 17th Floor (Level-13), Building Q2, Aurum Q Parc; Gen 4/1 TTC, Thane-Belapur Road, Ghansoli, Navi Mumbai, 400710, India

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Type Approval Certificate

Trade Name	NXS Air Cooled, NXP Air Cooled, NXP Liquid Cooled
Application	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2, as defined in LR Type Approval System, Test Specification Number 1, July 2024.
Specified Standard	IEC 61800-5-1: 2007 IEC 61800-3:2022/COR1:2025
Other Conditions	1. Installation of this equipment for marine applications is to be in accordance with the Rules and Regulations for the Classification of Ships. 2. See producer's documentation for ambient conditions and associated equipment ratings. 3. Modules are to be suitably installed to meet EMC requirements. 4. Type Approved devices used System Software: NXP000002V211. 5. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/or surveyed to be installed in ships classed or intended to be classed with LR 6. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21105721TA

The Design Appraisal Document TSO-26-057337-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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