Certificate No: LR24151502TA
Issue Date: 13/12/2024
Expiry Date: 12/12/2029

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	**LS ELECTRIC Co., Ltd.**
Address	95, Baekbong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28439, South Korea
Place of Production	Corporation ZeroTechwin 169, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16521, South Korea
Type	Display Units
Description	Human Machine Interface
Trade Name	iXP3 Series: iXP3-0800D-MR(8.4”), iXP3-1000D-MR(10.4”), iXP3-1200D-MR(12.1”), iXP3-0800D-MR(15”)
Application	Marine and offshore applications for use in environmental categories ENV3 as defined in LR Type Approval System Test Specification No.1-2021 where the Test Specification is satisfactory for the intend operation. “General Power Distribution Zones” for electromagnetic immunity and emission test
Specified Standard	Manufacturer’s Specification
Ratings	DC24V
Additional Tests	Enclosure test (IP66, only for front panel, IEC 60529)

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Gun-Nam Park

Electrical & Control - Senior Specialist to
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A member of the Lloyd's Register group

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Type Approval Certificate

Other Conditions

Type approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

(In case of applications other than marine) The application of the type approval certificate will be limited to the relevant scope of the specified standard and acceptance thereof by the local authorities.

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 Asia of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR24151502TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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