Certificate No: LR25311723TA
Issue Date: 07/11/2025
Expiry Date: 06/11/2030

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 **JRCS Co.Ltd.**

Address 2155, Kawatana Toyoura-cho, Shimonoseki-shi, Yamaguchi, 759-6301, Japan

Place of Production JRCS Co.Ltd.

2155, Kawatana Toyoura-cho, Shimonoseki-shi, Yamaguchi, 759-6301, Japan

Type Control Units

Description

System Model : NSU Series
Unit Type
- Line without CPU : NSU-DN2
- Line with CPU : NSU-LN1
- Reversible (SUPPLY/EXHAUST) : NSU-RN2
- Reversible (FORWARD/REVERSE) : NSU-RN3
- 2speed (HIGH/LOW) : NSU-RN4
- Auto Start : NSU-AN5
- Auto Stop : NSU-AN6
- Auto Start/Stop : NSU-AN8
- Auto Change : NSU-AN7

Module Type
- Main with CPU : NSU-M100A, NSU-M100B
- Main without CPU : NSU-M200A
- Extension : NSU-M150A

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Masaharu Nakayama

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

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Trade Name	Starter Control Unit, NSU Series
Application	Marine and offshore applications for use in environmental categories ENV2 and ENV3 in the “Bridge and Deck Zone” as defined in LR Test Specification No. 1-2024 where the Test Specification is satisfactory for the intended operation.
Specified Standard	IEC Publication 60092-504, IEC 61000-4-2,3,4,5,6
Ratings	Power Source : AC18V (50/60Hz) Kind of Signal Digital Input : On/Off contact Max. DC24V, 12 Points Digital Output : Relay contact Max.AC450V/1A, 2 Points Max.AC250V/1A, 12 Points (with Extension Module)
Additional Tests	Low temperature test at 0°C for 16 hours

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

Previous Version: LR2024516TA-03

The Design Appraisal Document LR25311723TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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