Certificate No: LR26108456TA
Issue Date: 28/01/2026
Expiry Date: 27/01/2031

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	**Omron Corporation**
Address	2-2-1, Nishi-Kusatsu, Kusatsu-shi, Shiga, 525-0035, Japan
Place of Production	OMRON Corporation, Industrial Automation Company, Kusatsu Factory 2-2-1 Nishikusatsu, Kusatsu-shi, 525-0035, Japan
Type	Control Units
Description	Industrial Switching Hub, W4S1 Series W4S1-03B : 3-port W4S1-05B : 5- port W4S1-05C : 5-port with Failure detection
Trade Name	Industrial Switching Hub, W4S1 Series
Application	Marine and offshore applications for use in environmental categories ENV2 & ENV3 on the “Bridge and Deck Zone” as defined in Test Specification No.1 -2024 where the Test Specification is satisfactory for the intended operation.
Ratings	Power supply : 24V d.c.
Other Conditions	It is noted that Switching Power Supply of type “S8VS-06024” which is certified as S8VS series in Certificate No. LR2420735TA was used during EMC test. Accordingly, the products are to be used with the S8VS series.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR26108456TA
Issue Date: 28/01/2026
Expiry Date: 27/01/2031

Type Approval Certificate

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: LR2161636TA

The Design Appraisal Document LR26108456TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Downloaded Copy

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.