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Certificate No: LR25252159TA  
Issue Date: 28.11.2025  
Expiry Date: 20.02.2030  
Reference: TSO-25-030203/TW

## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

ISSUED BY: GLOBAL TECHNICAL SUPPORT OFFICE  
ISSUED TO: HIRSCHMANN AUTOMATION AND CONTROL GMBH  
FOR: INDUSTRIAL ETHERNET BOBCAT RAIL SWITCH  
TYPES BRS20/30/40/50

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval Schemes Procedures (Version 6 – April 2025) and this Design Appraisal Document forms part of the Certificate.

### APPROVAL DOCUMENTATION

Unnumbered	Type Approval Application Checklist	04.02.2025
456920	Request for Marine Services – Type Approval	23.09.2025
HTS/ETS 39537-20/TW	Design Appraisal Document for certificate no. LR2001909TA (HPC1962099)	21.02.2020
HiOSRelease_Info_09_to_10.docx	Software HiOS - Release Info New Feature List Version 09.x to 10.x	20.02.2025
PRJ111005052688-2	Production Quality Assurance Assessment Form	Version 1.0 26.11.2025

### TEST REPORTS

E250482E1	Phoenix Testlab test report	16.07.2025
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Thorsten Wolff  
Global Technical Support Office  
Lloyd's Register EMEA



LR031.2022  
Thorsten Wolff  
Senior Specialist  
Electrotechnical Systems  
Global Technical Support Office  
Lloyd's Register EMEA  
T +49 (0)40 34970010-267  
E [thorsten.wolff@lr.org](mailto:thorsten.wolff@lr.org)

### Supplementary Type Approval Terms and Conditions

*Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.*

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*Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.*

*Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.*