



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	Schneider Electric Industries SAS
Address	Zone Industrielle 3, L'ISLE D'ESPAGNAC, 16340, France
Place of Production	Schneider Electric a.s. Cizovska 447, Pisek, 397 01, Czech Republic
Place of Production	PT Schneider Electric Manufacturing Batam Batamindo Industrial Park, Block 4 & 208, Muka Kuning, Batam Island, 29433, Indonesia
Place of Production	Schneider Electric Industries SAS Zone Industrielle 3, L'ISLE D'ESPAGNAC, 16340, France
Type	Switches - Control
Description	Control and signaling units Harmony XB4 metal: XB4BA, XB4BC, XB4BD, XB4BG, XB4BJ, XB4BK, XB4BL, XB4BP, XB4BS, XB4BT, XB4BV, XB4BW, XB4FA, XB4FD, XB4FG, XB4FJ, XB4FK, XB4FL, XB4FV, XB4FW, XD4PA Harmony XB5 plastic: XB5AA, XB5AC, XB5AD, XB5AG, XB5AJ, XB5AK, XB5AL, XB5AP, XB5AS, XB5AT, XB5AV, XB5AW,

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

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Specialist to Lloyd's Register EMEA
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XB5EV,
XB5FA, XB5FD, XB5FG, XB5FJ, XB5FK, XB5FL, XB5FV, XB5FW,
XB5KS,
XD5PA

Trade Name	XB4, XB5
Application	Marine, Offshore and Industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV5 ⁽¹⁾ , as defined in Lloyd's Register Type Approval System, Test Specification Number 1 –December 2021. (1) not valid for XB5KS
Specified Standard	IEC 60947-5-1: 2016 IEC 60947-5-5: 1997 + AMD2: 2016 IACS UR E10 Rev. 8: 2021
Ratings	Rated voltage: XB4B/F, XB5A/F: up to 600 V XD4P, XD5P: up to 250 V Ingress protection IP66 (when installed) IP20 (rear side)
Additional Tests	Ingress protection IP66 (when installed)
Other Conditions	The buzzer XB5KS shall not be installed on the bridge as the sound pressure level exceeds the limit specified in IMO Resolution A.1021(26) Code on Alerts and Indicators. Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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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.

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

Previous Version: 16/20077

The Design Appraisal Document HPC1562215-23/MK and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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