

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	FATEK Automation Corporation
Address	26Fl, No 29, Sec. 2, JungJeng E.RD., Danshuei Dist., New Taipei city , 25170, Taiwan, R.O.C.
Place of Production	FATEK Automation Corporation 26Fl, No 29, Sec. 2, JungJeng E.RD., Danshuei Dist., New Taipei city , 25170, Taiwan, R.O.C.
Type	Programmable logic controller & I/O Modules
Description	FBs series Programmable logic controller + I/O Modules
Trade Name	FBs series
Application	Marine application for use in environmental category ENV1, ENV2 and ENV3 for Equipment on the bridge and deck zone as defined in LR Type Approval Test Specification No. 1 March 2019
Specified Standard	Manufacture's specification
Ratings	FBs-10MAR2-D24; FBs-10MAR2-D24-C; FBs-10MAT2-D24; FBs-10MAT2-D24-C; FBs-10MAJ2-D24; FBs-10MAJ2-D24-C; FBs-14MAR2-D24; FBs-14MAR2-D24-C; FBs-14MAT2-D24; FBs-14MAT2-D24-C; FBs-14MAJ2-D24; FBs-14MAJ2-D24-C; FBs-20MAR2-D24; FBs-20MAR2-D24-C; FBs-20MAT2-D24; FBs-20MAT2-D24-C; FBs-20MAJ2-D24; FBs-20MAJ2-D24-C; FBs-24MAR2-D24; FBs-24MAR2-D24-C; FBs-24MAT2-D24; FBs-24MAT2-D24-C; FBs-24MAJ2-D24; FBs-24MAJ2-D24-C; FBs-10MCR2-D24; FBs-10MCT2-D24; FBs-10MCJ2-D24; FBs-14MCR2-D24; FBs-14MCT2-D24; FBs-14MCJ2-D24; FBs-20MCR2-D24; FBs-20MCT2-D24; FBs-20MCJ2-D24; FBs-24MCR2-D24; FBs-24MCT2-D24; FBs-24MCJ2-D24 Power supply: DC 24V Rated output(W): 14W or 24W DIO extension module: FBS-16XYR, rated output(W): 2.696

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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Classification Society (China) Co Ltd
A member of the Lloyd's Register group

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Other Conditions

This type approval covers hardware only, system is to be in compliance with the applicable Lloyd's Register Rules and Regulations of Ships when installed on board specific ship and is subject to plan approval on each individual case.

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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2003212TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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