



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	ABB OY, Drives
Address	Drives, Hiomotie 13, Helsinki, 00380, Finland
Type	Electronic Frequency Convertor
Description	Electronic Frequency Converters
Trade Name	ACS800-01/-04 frames R2-R6 with option +C132
Application	Marine and offshore use in environmental categories ENV1 and ENV2 as defined in LR Test Specification No. 1:2002
Specified Standard	Manufacturer's specification
Ratings	refer to the Appendix for details
Other Conditions	Installation of this equipment for marine applications on LR classed ships is to be in accordance with the applicable Lloyd's Register Rules and Regulations. Equipment must not be installed on ships contracted for construction on or after 1 January 2022 (refer to IACS unified requirements E10 (Rev.9 Aug 2023)).

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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: LR2001926TA

The Design Appraisal Document HPC1462139-24/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Appendix

RATINGS

Nominal Current Rating @ 45°C	Light Overload Current Rating @ 45°C	Heavy Overload Current Rating @ 45°C	Mains Supply Voltage Rating Frequency 48~63 Hz
4.8-192 A	4.5-175 A	3.2-134 A	208 ~ 240 V AC ± 10%
4.8-276 A	4.5-271 A	3.2-222 A	380 ~ 415 V AC ± 10%
4.7-276 A	4.3-271 A	3.2-222 A	380 ~ 500 V AC ± 10%
12-180 A	10.9-171 A	8.1-140 A	525 ~ 690 V AC ± 10%