



Lloyd's
Register

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.

This certificate supersedes certificate number 08/30003 (E1) issued on 29 May 2013 which is hereby cancelled.

This certificate is issued to:

PRODUCER	SCHNEIDER TOSHIBA INVERTER EUROPE SAS Rue André Blanchet 27120 Pacy-Sur-Eure France
DESCRIPTION	Variable Speed Drives for Synchronous and Asynchronous motors
TYPE	Altivar 71H series
APPLICATION	Marine use for applications in environmental category ENV 1 as defined in Lloyd's Register Type Approval Scheme, Test Specification Number 1, 2002
STANDARDS	IEC 61800-3:2004 + A1:2011 IEC 61800-5-1: 2007
RATINGS	200 – 240 VAC, single phase: ATV71H037M3 ATV71H075M3 ATV71HU15M3 ATV71HU22M3 ATV71HU30M3 ATV71HU40M3 ATV71HU55M3 ATV71HU75M3
Certificate No.	18/20067
Issue Date	17 October 2018
Expiry Date	12 March 2023
Sheet	1 of 4



Jörn Brüggemann
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
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RATINGS (continued)

200 – 240 VAC, three phase:

ATV71HD11M3X
ATV71HD15M3X
ATV71HD18M3X
ATV71HD22M3X
ATV71HD30M3X
ATV71HD37M3X
ATV71HD45M3X
ATV71HD55M3X
ATV71HD75M3X

380 – 480 VAC, three phase:

ATV71HO75N4
ATV71HU15N4
ATV71HU22N4
ATV71HU30N4
ATV71HU40N4
ATV71HU55N4
ATV71HU75N4
ATV71HD11N4
ATV71HD15N4
ATV71HD18N4
ATV71HD22N4
ATV71HD30N4
ATV71HD37N4
ATV71HD45N4
ATV71HD55N4
ATV71HD75N4
ATV71HD90N4
ATV71HC11N4
ATV71HC13N4
ATV71HC16N4
ATV71HC20N4
ATV71HC25N4
ATV71HC28N4
ATV71HC31N4

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RATINGS (continued)

380 – 480 VAC, three phase:
ATV71HC40N4
ATV71HC50N4

500 – 690 VAC, three phase:
ATV71HU22Y
ATV71HU30Y
ATV71HU40Y
ATV71HU55Y
ATV71HU75Y
ATV71HD11Y
ATV71HD15Y
ATV71HD18Y
ATV71HD22Y
ATV71HD30Y
ATV71HD37Y
ATV71HD45Y
ATV71HD55Y
ATV71HD75Y
ATV71HD90Y
ATV71HC11Y
ATV71HC13Y
ATV71HC16Y
ATV71HC20Y
ATV71HC25Y
ATV71HC31Y
ATV71HC40Y
ATV71HC50Y
ATV71HC63Y

OTHER CONDITIONS

Complies with Safety Integrity Level 2 as per EN/IEC 61508.

Special conditions for Safe Use as stated in applicable Ex-certificates and the conditions of the LR Ship Rules & Regulations of Classification of Ships Part 6, Chapter 2 shall be observed when installed in hazardous areas. The Ex-certification does not form part of this certificate.

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**PLACES OF
PRODUCTION**

SCHNEIDER-ELECTRIC INDUSTRIES
2, Rue du Pont Vert
ZAC - Le Village
27109 Le Vaudreuil
France

SCHNEIDER (SUZHOU) DRIVES CO., LTD
555 Fengting Avenue
Suzhou Industrial Park
Suzhou, 215121
China

PT SCHNEIDER ELECTRIC MANUFACTURING BATAM
Batam Industrial Park
BLK 208 Mukakuning
Batam Island, 29433
Indonesia

SCHNEIDER-ELECTRIC IT BUSINESS INDIA PVT LTD
No. 187/3 & 188/3 Jigani Village
Jigani Hobli
Banglore, 562106
India

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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.

The Design Appraisal Document No. HTS/ETS 37447-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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