



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 08/30002 (E1) issued on 25 May 2013 which is hereby cancelled.

This certificate is issued to:

<b>PRODUCER</b>	SCHNEIDER TOSHIBA INVERTER EUROPE SAS Rue André Blanchet 27120 Pacy-Sur-Eure France
<b>DESCRIPTION</b>	Variable Speed Drives for Synchronous and Asynchronous motors
<b>TYPE</b>	Altivar 61H series
<b>APPLICATION</b>	Marine use for applications in environmental category ENV 1 as defined in Lloyd's Register Type Approval Scheme, Test Specification Number 1, 2002. Components to be used in general power distribution zone.
<b>STANDARDS</b>	IEC 61800-3:2004 + A1:2011 IEC 61800-5-1: 2007
<b>RATINGS</b>	200 – 240 VAC, single phase: ATV61H037M3 ATV61H075M3 ATV61HU15M3 ATV61HU22M3 ATV61HU40M3 ATV61HU55M3 ATV61HU75M3
<b>Certificate No.</b>	18/20066
<b>Issue Date</b>	17 October 2018
<b>Expiry Date</b>	12 March 2023
<b>Sheet</b>	1 of 4



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**RATINGS (continued)**

200 – 240 VAC, three phase:

ATV61HD11M3X  
ATV61HD15M3X  
ATV61HD18M3X  
ATV61HD22M3X  
ATV61HD30M3X  
ATV61HD37M3X  
ATV61HD45M3X  
ATV61HD55M3X  
ATV61HD75M3X  
ATV61HD90M3X

380 – 480 VAC, three phase:

ATV61HO75N4  
ATV61HU15N4  
ATV61HU22N4  
ATV61HU30N4  
ATV61HU40N4  
ATV61HU55N4  
ATV61HU75N4  
ATV61HD11N4  
ATV61HD15N4  
ATV61HD18N4  
ATV61HD22N4  
ATV61HD30N4  
ATV61HD37N4  
ATV61HD45N4  
ATV61HD55N4  
ATV61HD75N4  
ATV61HD90N4  
ATV61HC11N4  
ATV61HC13N4  
ATV61HC16N4  
ATV61HC22N4  
ATV61HC25N4

**Certificate No.** 18/20066  
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**Sheet** 2 of 4

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**RATINGS (continued)**

380 – 480 VAC, three phase:

- ATV61HC31N4
- ATV61HC40N4
- ATV61HC50N4
- ATV61HC63N4

500 – 690 VAC, three phase:

- ATV61HU30Y
- ATV61HU40Y
- ATV61HU55Y
- ATV61HU75Y
- ATV61HD11Y
- ATV61HD15Y
- ATV61HD18Y
- ATV61HD22Y
- ATV61HD30Y
- ATV61HD37Y
- ATV61HD45Y
- ATV61HD55Y
- ATV61HD75Y
- ATV61HD90Y
- ATV61HC11Y
- ATV61HC13Y
- ATV61HC16Y
- ATV61HC20Y
- ATV61HC25Y
- ATV61HC31Y
- ATV61HC40Y
- ATV61HC50Y
- ATV61HC63Y
- ATV61HC80Y

**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

**Certificate No.**

18/20066

**Issue Date**

17 October 2018

**Expiry Date**

12 March 2023

**Sheet**

3 of 4




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LR0311.2016.06

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**OTHER CONDITIONS  
(continued)**

Ships Part 6, Chapter 2 shall be observed when installed in hazardous areas. The Ex-certification does not form part of this certificate.

**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 37446-18 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

**Certificate No.** 18/20066  
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**Sheet** 4 of 4



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