



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	35 RUE JOSEPH MONIER, RUEIL MALMAISON, 92500, France
Place of Production	PT. Schneider Electric Manufacturing Batam Batamindo Industrial Park Jl. Beringin, Lot 208Muka Kuning, Batam Island, 29433, Indonesia
Place of Production	Schneider Electric IT Business Pvt. Ltd. 187/3 & 188/3 Jigani Village, Jigani Hobli, Bangalore, 562106, India
Place of Production	Schneider (Wuxi) Drives Co.,Ltd No 20 Hanjiang Road,Xinwu New District, Wuxi, 214001, China
Type	Electronic Frequency Convertor
Description	Altivar ATV Series Please Refer To Appendix For Details
Trade Name	ATV930, ATV950 Series
Application	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register Type Approval System, Test Specification No. 1: May 2018
Specified Standard	Manufactures' specification

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Maurizio Crucil

Electrical & Control Technical Manager -
South Europe to Lloyd's Register EMEA
A member of the Lloyd's Register group

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IACS unified requirements E10 (Rev.9 Aug 2023)

Ratings

Refer to Appendix for details

Other Conditions

The complete installation and function is subject to separate plan appraisal according applicable Rules and Regulations, when installed on LR classed vessels. Converters are to be in compliance with LR Rules and Regulations and to be surveyed during manufacture and testing if used for essential or emergency services and rated 100kW or above.

If used in marine and offshore applications the equipment is to be installed on shock absorbers and according Schneider Installation Manual EN_NHA80932_08 revision 04/2020.

Planned EMC measures are matter of assessment prior to installation onboard. The installation requirements according Schneider Installation Manual EN_EAV64301_10 revision 04/2020 have to be fulfilled.

The temperature range in operation for all types, except for IP 20 up to 160kW types, is up to 40°C. Current derating to be applied as per Schneider derating tables.

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: LR21180095TA-01

The Design Appraisal Document LR26150884DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

APPENDIX to Certificate no. LR26150884TA

TYPE Altivar ATV 930, ATV 950 series frequency converter

Type	Frame Size	Power Rating Normal Overload at 40°C [kW]	Current Rating at 40°C IN [A]
AC Mains Voltage 200 – 240 V			
ATV930U07M3	1	0.75	4.6
ATV930U15M3	1	1.5	8
ATV930U22M3	1	2.2	11.2
ATV930U30M3	1	3.0	13.7
ATV930U40M3	1	4.0	18.7
ATV930U55M3	2	5.5	25.4
ATV930U75M3	3	7.5	32.7
ATV930D11M3	3	11	46.8
ATV930D15M3	4	15	63.4
ATV930D18M3	4	18.5	78.4
ATV930D22M3	4	22	92.6
ATV930D30M3	5	30	123
ATV930D37M3	5	37	149
ATV930D45M3	5	45	176
ATV930D55M3	6	55	211
ATV930D75M3	6	75	282
AC Mains Voltage 380 – 480 V			
ATV930U07N4	1	0.75	2.2
ATV930U15N4	1	1.5	4
ATV930U22N4	1	2.2	5.6
ATV930U30N4	1	3.0	7.2
ATV930U40N4	1	4.0	9.3
ATV930U55N4	1	5.5	12.7
ATV930U75N4	2	7.5	16.5
ATV930D11N4	2	11	23.5
ATV930D15N4	3	15	31.7
ATV930D18N4	3	18.5	39.2
ATV930D22N4	3	22	46.3
ATV930D30N4	4	30	61.5
ATV930D37N4	4	37	74.5
ATV930D45N4	4	45	88

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Type	Frame Size	Power Rating Normal Overload at 40°C [kW]	Current Rating at 40°C IN [A]
AC Mains Voltage 380 – 480 V			
ATV930D55N4	5	55	106
ATV930D75N4	5	75	145
ATV930D90N4	5	90	173
ATV930C11N4	6	110	211
ATV930C13N4	6	132	250
ATV930C16N4	6	160	302
ATV930C22N4	7	220	427
ATV930C25N4	7	250	481
ATV930C31N4	7	315	616
AC Mains Voltage 575 – 690 V			
ATV930U22Y6	3Y	2.2	3.1
ATV930U30Y6	3Y	3.0	4.2
ATV930U40Y6	3Y	4.0	5.4
ATV930U55Y6	3Y	5.5	7.2
ATV930U75Y6	3Y	7.5	9.5
ATV930D11Y6	3Y	11	13.5
ATV930D15Y6	3Y	15	18
ATV930D18Y6	3Y	18.5	24
ATV930D22Y6	3Y	22	29
ATV930D30Y6	3Y	30	34
ATV930D37Y6	5Y	37	45
ATV930D45Y6	5Y	45	55
ATV930D55Y6	5Y	55	66
ATV930D75Y6	5Y	75	83
ATV930D90Y6	5Y	90	108
AC Mains Voltage 380 – 480 V			
ATV950U07N4	A1	0.75	2.2
ATV950U15N4	A1	1.5	4
ATV950U22N4	A1	2.2	5.6
ATV950U30N4	A1	3.0	7.2
ATV950U40N4	A1	4.0	9.3
ATV950U55N4	A1	5.5	12.7

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Type	Frame Size	Power Rating Normal Overload at 40°C [kW]	Current Rating at 40°C IN [A]
AC Mains Voltage 380 – 480 V			
ATV950U75N4	A2	7.5	16.5
ATV950D11N4	A2	11	23.5
ATV950D15N4	A3	15	31.7
ATV950D18N4	A3	18.5	39.2
ATV950D22N4	A3	22	46.3
ATV950D30N4	B	30	61.5
ATV950D37N4	B	37	74.5
ATV950D45N4	B	45	88
ATV950D55N4	C	55	106
ATV950D75N4	C	75	145
ATV950D90N4	C	90	173

Software Version:	
Degree of protection	ATV 930 series - IP 00 ATV 950 series - IP 55
Pollution degree:	2
Overvoltage Category:	III
Nominal Input frequency:	50/60 Hz
Shock absorbers reference: (Socitec or equivalent)	Frame size 1 – MP5-90 Frame size 2 – MP6-120 Frame size 3 – Not necessary Frame size 4 – MP10-125 Frame size 5 – MP14-270 Frame size 6 – MP15-315 Frame size 7 – HH15-20 on top + HH15-20-03 on bottom Frame size A – Not necessary Frame size B – MP11-235 Frame size C – MP15-315 Frame size 3Y – MP10-125 Frame size 5Y – MP11-235



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PLACES OF PRODUCTION

Schneider WuXi Drives Co., Ltd. (1)
No.20, Hanjiang Road,
National Hi-Tech Industrial Development Zone
214001 Wuxi, Jiangsu
China

PT Schneider Electric Manufacturing Batam (2)
Batamindo Industrial Park Jl. Beringin Lot 208
Muka Kuning
29433 Batam Island
Indonesia

Schneider Electric IT Business Pvt. Ltd. (3)
187/3 & 188/3 Jigani Village
Jigani Hobli
562106 Bangladore
India

(1) For all types except 575-690 V types

(2) For ATV930-types; 0.75 to 5.5kW; 200 -240V and 0.75 to 11kW; 380 – 480V only

(3) For ATV930-types; 7.5 to 75kW; 200 -240V and 15 to 315kW; 380 – 480V and 2.2 to 90kW;575 -690V only