TYPE APPROVAL CERTIFICATE
No. **ELE106123XG/003**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

Description	**FREQUENCY CONVERTERS**
Type	**ATV 930 Series for Variable Speed Drives**
Applicant	**SCHNEIDER TOSHIBA INVERTER EUROPE** **RUE ANDRÉ BLANCHET** **27120 PACY SUR EURE** **FRANCE**
Manufacturer	**SCHNEIDER ELECTRIC INDUSTRIES SA**
Place of manufacture	**2, rue du Pont Vert ZAC - Le Village 27109 - Le Vaudreuil Le Vaudreuil** **FRANCE**
Reference standards	**RINA Rules Pt.C, Ch.3, Sec. 6 and IEC 61800-3; IEC 61800-5-1**

Issued in **HAMBURG** on **June 14, 2023**. *This Certificate is valid until* **May 23, 2028**

Giuseppe Russo

RINA Services S.p.A.
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This certificate consists of this page and 1 enclosure

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TYPE APPROVAL CERTIFICATE
No. **ELE106123XG/003**
Enclosure - Page 1 of 2
ATV 930 Series for Variable Speed Drives

Product description :
The **Altivar 930** are variable speed controllers and are dedicated for smoothly starting or stopping asynchronous motors.
It provides a solid state motor overload protection including thermal memory, memory retention and speed sensitive circuitry of motor overload-temperature protection.

Rating:
Power supply: 400 - 480 V AC, 575 - 690 V AC
Motor power: 2.2 kW to 90 kW
Temperature range in operation: -10°C to +50°C
Degree of protection: IP21

Technical Data:

Size	Motor Power KW	Catalog Number(*)
3Y6	2.2	ATV930U22Y6
3Y6	3.0	ATV930U30Y6
3Y6	4.0	ATV930U40Y6
3Y6	5.5	ATV930U55Y6
3Y6	7.5	ATV930U75Y6
3Y6	11.0	ATV930D11Y6
3Y6	15.0	ATV930D15Y6
3Y6	18.5	ATV930D18Y6
3Y6	22.0	ATV930D22Y6
3Y6	30.0	ATV930D30Y6
5Y6	37.0	ATV930D37Y6
5Y6	45.0	ATV930D45Y6
5Y6	55.0	ATV930D55Y6
5Y6	75.0	ATV930D75Y6
5Y6	90.0	ATV930D90Y6

(*) Reference may be followed by additional characters for options

Size	Motor Power KW	Catalog Number(*)
1M3	0.75	ATV930U07M3
1M3	1.5	ATV930U15M3
1M3	2.2	ATV930U22M3
1M3	3.0	ATV930U30M3
1M3	4.0	ATV930U40M3
2M3	5.5	ATV930U55M3
3M3	7.5	ATV930U75M3
3M3	11.0	ATV930D11M3
4M3	15.0	ATV930D15M3
4M3	18.5	ATV930D18M3
4M3	22.0	ATV930D22M3
5M3	30.0	ATV930D30M3
5M3	37.0	ATV930D37M3
5M3	45.0	ATV930D45M3
6M3	55.0	ATV930D55M3
6M3	75.0	ATV930D75M3

(*) Reference may be followed by additional characters for options

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TYPE APPROVAL CERTIFICATE

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ATV 930 Series for Variable Speed Drives

Size	Motor Power KW	Catalog Number(*)
1N4	0.75	ATV930U07N4
1N4	1.5	ATV930U15N4
1N4	2.2	ATV930U22N4
1N4	3.0	ATV930U30N4
1N4	4.0	ATV930U40N4
1N4	5.5	ATV930U55N4
2N4	7.5	ATV930U75N4
2N4	11.0	ATV930D11N4
3N4	15.0	ATV930D15N4
3N4	18.5	ATV930D18N4
3N4	22.0	ATV930D22N4
4N4	30.0	ATV930D30N4
4N4	37.0	ATV930D37N4
4N4	45.0	ATV930D45N4
5N4	55.0	ATV930D55N4
5N4	75.0	ATV930D75N4
5N4	90.0	ATV930D90N4
6N4	110	ATV930C11N4
6N4	132	ATV930C13N4
6N4	160	ATV930C16N4
7N4	220	ATV930C22N4
7N4	250	ATV930C25N4
7N4	315	ATV930C31N4

(*) Reference may be followed by additional characters for options

Documents:

- ATVProcess tech infos & Synoptics
- TCF-ATV630-ATV650-ATV930-ATV950-VFAS3_ST03280 V10

Test Reports:

Schneider Toshiba: ATV630,QTR,17149, Rev 01, dated 01/06/2017; ATV630,QTR,17184, Rev 01, dated 22/06/2017; ATV630,QTR,17203, Rev 01, dated 10/07/2017; ATV630,QTR,17226, Rev 01, dated 02/08/2017; ATV630,QTR,17231, Rev 01, dated 11/08/2017; ATV930,QTR,17182, Rev 01, dated 29/06/2017; ATV930,QTR,17200, Rev 01, dated 11/07/2017; ATV930,QTR,17222, Rev 01, dated 31/07/2017; ATV930,QTR,17228, Rev 01, dated 08/08/2017;
Groupe CNPP: LM170008, dated 01/03/2017; LM170010, dated 01/03/2017;

Additional Places of Production :

Schneider (Wuxi) Drives Co Ltd
No.20, Hajiang Road,
National Hi-Tech Industrial Development Zone
Wuxi Jiangsu 214028 CN

P.T. Schneider Electric Manufacturing Batam
Batamindo Industrial Park,
BLK 208, Muka kuning - Batam Island
Indonesia

Schneider-Electric India
187/3 & 188/3, Jigani Village, Jigani Hobi
Bangalore
India

Remarks:

- The drawings concerning each installation on board ship are to be submitted to RINA for previous approval.
- This Certificate covers only hardware and basic software of the apparatus.

HAMBURG June 14, 2023

Giuseppe Russo

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