TYPE APPROVAL CERTIFICATE
No. **ELE028626XG**

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	**ATS 490**
Applicant	**SCHNEIDER TOSHIBA INVERTER EUROPE** **RUE ANDRÉ BLANCHET** **27120 PACY SUR EURE** **FRANCE**
Manufacturer *Place of manufacture*	**SCHNEIDER TOSHIBA INVERTER EUROPE - SCHNEIDER ELECTRIC INDUSTRIES SAS** **1884 Boulevard de la Défense** **92000 Nanterre** **FRANCE**
Reference standards	**Rules for the Classification of Ships, Pt. C, Ch. 3, Sec. 8 and IEC 61800-3, IEC 61800-5-1**

Issued in **HAMBURG** on **September 28, 2026**. *This Certificate is valid until* **September 27, 2031**

Giuseppe Russo

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

TYPE APPROVAL CERTIFICATE
No. **ELE028626XG**
Enclosure - Page 1 of 2
ATS 490

Product description :
The **ATS 490** 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: 208 - 690 V AC
Motor power: 4 kW to 900 kW
Temperature range in operation: 0°C to +40°C (up to 60°C when derated)
Degree of protection: IP00, IP20

Technical Data:

Frame Size	Current rating (A)	Catalog Number(*)
1	17	ATS490D17Y
1	22	ATS490D22Y
1	32	ATS490D32Y
1	38	ATS490D38Y
1	47	ATS490D47Y
1	62	ATS490D62Y
1	75	ATS490D75Y
1	88	ATS490D88Y
1	110	ATS490C11Y
2	140	ATS490C14Y
2	170	ATS490C17Y
3	210	ATS490C21Y
3	250	ATS490C25Y
3	320	ATS490C32Y
3	410	ATS490C41Y
4	480	ATS490C48Y
4	590	ATS490C59Y
4	660	ATS490C66Y
5	790	ATS490C79Y
5	1000	ATS490M10Y
5	1200	ATS490M12Y

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

Installation limitation :
Vibration Class: A, to be installed with vibration dampers
ATS490D17Y to ATS490C11Y: no additional damper
ATS490C14Y and ATS490C17Y: reference MP8-125 manufactured by Socitec or equivalent
ATS490C21Y to ATS490C41Y: reference MP11-175 manufactured by Socitec or equivalent
ATS490C48Y to ATS490C66Y: reference MP11-175 manufactured by Socitec or equivalent
ATS490C79Y to ATS490M12Y: reference MP15-375 manufactured by Socitec or equivalent

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

TYPE APPROVAL CERTIFICATE

No. ELE028626XG

ATS 490

Documents:
- ATS 490 Technical description

Test Reports:
Schneider Toshiba: ATS490_QTR_23159; ATS490_QTR_23194; ATS490_QTR_23324; ATS490_QTR_23332; ATS490_QTR_24051; ATS490_QTR_24349; C4896-V1_Ground Continuity-ATS490C66Y; C4930-V1_ATS490C66Y-Size4; C5082-V1_ATS490M12Y-Size5

Additional Places of Production :

Wuxi Pro-Face Co Ltd
Industrial Development Zone
No 20 Hanjiang Road, National Hi-Tech
Wuxi Jiangsu 214028
China

P.T. Schneider Electric Manufacturing Batam
Batamindo Industrial Park,
Jl. Beringin Block 1, 4 & 208
Batam Island, 29433
Indonesia

Remarks:
- The drawings concerning each installation on board ship, having a power out put of 50 kVA or over are to be submitted to RINA for previous approval.
- This Certificate covers only hardware and basic software of the apparatus.

HAMBURG September 14, 2026

Giuseppe Russo

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000