



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 France
Address	35 rue Joseph Monier, RUEIL MALMAISON, 92506, France
Place of Production	PT. Schneider Electric Manufacturing Batam Batamindo Industrial Park Jl. Beringin, Lot 208Muka Kuning, Batam Island, 29433, Indonesia
Place of Production	Wuxi Pro-face Co.,Ltd. No.20, Hanjiang Road, Wuxi New District, Wuxi, Jiangsu, 214028, China
Type	Soft Starters
Description	Electronic soft starters for 3-phase asynchronous motor (see appendix)
Trade Name	Altivar Soft Starters ATS490
Application	Marine and Offshore
Specified Standard	Manufacturer Specification IACS unified requirements E10 rev.09 (Aug 2023)
Ratings	See Appendix

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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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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.

The Design Appraisal Document LR26164791DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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APPENDIX to Certificate no. LR26164791TA

RATINGS:

Power Mains:	
Input/output Voltage:	208...690Vac (-15% ... +10%)
Frequency:	50Hz -20%, 60Hz +20%
Control Supply:	
Input Voltage:	110...230Vac (-15% ... +10%)
Frequency:	50/60Hz ±5%
Temperature range in operation	0÷40°C (40 ÷ 60°C when derated)
Temperature class	B
Vibration class	A (to be installed with vibration dampers, see below)

Vibration dampers reference: (Socitec or equivalent)	Frame Size 1A1 - Not necessary Frame Size 1A2 - Not necessary Frame Size 1B - Not necessary Frame Size 2 - MP8-125 Frame Size 3 - MP11-175 Frame Size 4 - MP11-175 Frame Size 5 - MP15-375
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Type	Mains Supply [V]	Rated Current [A]	3-Phase Starter rating				Frames size	IP index
			Connected in line [kW@40°C]					
			230V	430V	500V	690V		
ATS490D17Y	208 - 690	17 A	4	7.5	9	15	1A1	IP20
ATS490D22Y	208 - 690	22 A	5.5	11	11	18.5	1A1	IP20
ATS490D32Y	208 - 690	32 A	7.5	15	18.5	22	1A2	IP20
ATS490D38Y	208 - 690	38 A	9	18.5	22	30	1A2	IP20
ATS490D47Y	208 - 690	47 A	11	22	30	37	1A2	IP20
ATS490D62Y	208 - 690	62 A	15	30	37	45	1B	IP20
ATS490D75Y	208 - 690	75 A	18.5	37	45	55	1B	IP20
ATS490D88Y	208 - 690	88 A	22	45	55	75	1B	IP20
ATS490C11Y	208 - 690	110 A	30	55	75	90	1B	IP20
ATS490C14Y	208 - 690	140 A	37	75	90	110	2	IP00
ATS490C17Y	208 - 690	170 A	45	90	110	160	2	IP00
ATS490C21Y	208 - 690	210 A	55	110	132	200	3	IP00
ATS490C25Y	208 - 690	250 A	75	132	160	250	3	IP00
ATS490C32Y	208 - 690	320 A	90	160	220	315	3	IP00
ATS490C41Y	208 - 690	410 A	110	220	250	400	3	IP00
ATS490C48Y	208 - 690	480 A	132	250	315	500	4	IP00
ATS490C59Y	208 - 690	590 A	160	315	400	560	4	IP00
ATS490C66Y	208 - 690	660 A	-	355	-	630	4	IP00
ATS490C79Y	208 - 690	790 A	220	400	500	710	5	IP00
ATS490M10Y	208 - 690	1000 A	250	500	630	900	5	IP00
ATS490M12Y	208 - 690	1200 A	355	630	800	-	5	IP00

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