



## 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.*

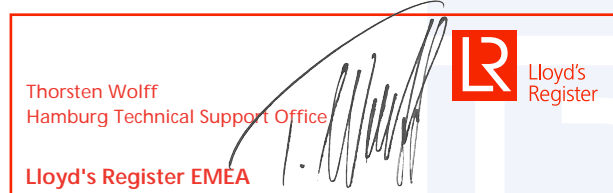
This certificate is issued to:

<b>PRODUCER</b>	Schneider Toshiba Inverter Rue André Blanchet 27120 Pacy-sur-Eure France
<b>DESCRIPTION</b>	Electronic soft starter for asynchronous motor 3PH
<b>TYPE</b>	ATS48
<b>APPLICATION</b>	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – July 2015.
<b>STANDARD</b>	EN 60947-4-2: 2012

### RATINGS

Type	operational Voltage	operational current (I <sub>e</sub> )	power rating [kW] at a motor voltage of			
			230V	400V	500V	690V
ATS48D17Y	208 to 690V	17A	4kW	7.5kW	9kW	15kW
ATS48D22Y	208 to 690V	22A	5.5kW	11kW	11kW	18.5kW
ATS48D32Y	208 to 690V	32A	7.5kW	15kW	18.5kW	22kW
ATS48D38Y	208 to 690V	38A	9kW	18.5kW	22kW	30kW
ATS48D47Y	208 to 690V	47A	11kW	22kW	30kW	37kW
ATS48D62Y	208 to 690V	62A	15kW	30kW	37kW	45kW
ATS48D75Y	208 to 690V	75A	18.5kW	37kW	45kW	55kW

<b>Certificate No.</b>	17/20031
<b>Issue Date</b>	04 May 2017
<b>Expiry Date</b>	03 May 2022
<b>Sheet</b>	1 of 3



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**RATINGS (continues)**

Type	operational Voltage	operational current (I <sub>e</sub> )	power rating [kW] at a motor voltage of			
			230V	400V	500V	690V
ATS48D88Y	208 to 690V	88A	22kW	45kW	55kW	75kW
ATS48C11Y	208 to 690V	110A	30kW	55kW	75kW	90kW
ATS48C14Y	208 to 690V	140A	37kW	75kW	90kW	110kW
ATS48C17Y	208 to 690V	170A	45kW	90kW	110kW	160kW
ATS48C21Y	208 to 690V	210A	55kW	110kW	132kW	200kW
ATS48C25Y	208 to 690V	250A	75kW	132kW	160kW	250kW
ATS48C32Y	208 to 690V	320A	90kW	160kW	220kW	315kW
ATS48C41Y	208 to 690V	410A	110kW	220kW	250kW	400kW
ATS48C48Y	208 to 690V	480A	132kW	250kW	315kW	500kW
ATS48C59Y	208 to 690V	590A	160kW	315kW	400kW	560kW
ATS48C66Y	208 to 690V	660A	*	355kW	*	630kW
ATS48C79Y	208 to 690V	790A	220kW	400kW	500kW	710kW
ATS48M10Y	208 to 690V	1000A	250kW	500kW	630kW	900kW
ATS48M12Y	208 to 690V	1200A	355kW	630kW	800kW	*
ATS48D17Q	230 to 415V	17A	4kW	7.5kW	*	*
ATS48D22Q	230 to 415V	22A	5.5kW	11kW	*	*
ATS48D32Q	230 to 415V	32A	7.5kW	15kW	*	*
ATS48D38Q	230 to 415V	38A	9kW	18.5kW	*	*
ATS48D47Q	230 to 415V	47A	11kW	22kW	*	*
ATS48D62Q	230 to 415V	62A	15kW	30kW	*	*
ATS48D75Q	230 to 415V	75A	18.5kW	37kW	*	*
ATS48D88Q	230 to 415V	88A	22kW	45kW	*	*
ATS48C11Q	230 to 415V	110A	30kW	55kW	*	*
ATS48C14Q	230 to 415V	140A	37kW	75kW	*	*
ATS48C17Q	230 to 415V	170A	45kW	90kW	*	*
ATS48C21Q	230 to 415V	210A	55kW	110kW	*	*
ATS48C25Q	230 to 415V	250A	75kW	132kW	*	*

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**RATINGS (continues)**

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ATS48C41Q	230 to 415V	410A	110kW	220kW	*	*
ATS48C48Q	230 to 415V	480A	132kW	250kW	*	*
ATS48C79Q	230 to 415V	790A	220kW	400kW	*	*
ATS48M10Q	230 to 415V	1000A	250kW	500kW	*	*
ATS48M12Q	230 to 415V	1200A	355kW	630kW	*	*

\*=not available

**OTHER CONDITION**

For ambient temperature above 45°C up to 55°C the rated current outputs to be derated by 2.0% for every added 1°C according to manufactures rating table.

**PLACE OF PRODUCTION**


Schneider Electric industry  
2, rue du Pont Vert  
ZAC - Le Village  
27109 - Le Vaudreuil  
France

*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 35033-17 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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