



Lloyd's
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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:

PRODUCER	Siemens AG Südstrasse 74 04178 Leipzig
PLACE OF PRODUCTION	Siemens AG Südstrasse 74 04178 Leipzig
DESCRIPTION	Low Voltage Power Distribution Board
TYPE	SIVACON S8
APPLICATION	Marine, offshore and industrial applications
ADDITIONAL TESTS	Tests under conditions of arcing due to an internal fault up to 100kA, 300ms in accordance with IEC/TR 61641:2008 Type test for the verification of degree of protection against mechanical impacts in accordance with DIN EN 62208:2005 Vibration Test in accordance with IEC60068-2-6:2007 Seismic tests in accordance with IEC60068-3-3:1993 Humidity test in accordance with EN 60068-2-30:2006 Salt mist test in accordance with EN 60068-2-11:2000
STANDARD	IEC 61439-1:2011-08 IEC 61439-2:2011-08 IEC 60529:2001-02
Certificate No.	14/20013
Issue Date	04 April 2014
Expiry Date	03 April 2019
Sheet	1 of 2


Jens Funk
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
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RATINGS


Rated insulation voltage (U_i): up to 1000V
Rated operational voltage (U_e): up to 690V
Ratings of horizontal main busbars:
Rated Current: up to 7000A
Rated impulse withstand current (I_{pk}): up to 330kA
Rated short-time withstand current (I_{cw}): up to 150kA, 1 s
Enclosure: IP30 to IP54
Overvoltage category: III
Pollution degree: 3

"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 No.: HTS/ETS 29241-14 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	14/20013
Issue Date	04 April 2014
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Part 1

Subject: Electrical Equipment (Not Environmentally Tested)
 Product: Switchboard Accessories

Producer/Licence No.		Description of Product			Cert. No.
Type	Details of Approval		Application	Remarks	
Siemens AG, Stüdestrasse 74 04178 Leipzig Germany	Low Voltage Power Distribution Board Type SIVACON S8	Rated insulation voltage (U _i): up to 1000V Rated operational voltage (U _o): up to 690V Ratings of horizontal main busbars: Rated Current: up to 7000A Rated impulse withstand current (I _{ps}): up to 330kA Rated short-time withstand current (I _{sw}): up to 150kA, 1 s Enclosure: IP30 to IP54 Overvoltage category: III Pollution degree: 3	Marine, offshore and industrial use	Expires: 03 April 2019 Type Tests in accordance with : IEC61439-1:2011-08, IEC61439-2:2011-08, IEC60529:2001-02	14/20013
				Additional Tests: Tests under conditions of arcing due to an internal fault up to 100kA, 300ms in accordance with IEC/TR 61641:2008, Type test for the verification of degree of protection against mechanical impacts in accordance with DIN EN 62208:2005, Vibration Test in accordance with IEC60068-2-6:2007, Seismic tests in accordance with IEC60068-3-3:1993, Humidity test in accordance with EN 60068-2-30:2006, Salt mist test in accordance with EN 60068-2-11:2000	

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