



CERTIFICATE NUMBER

08-HG334432-1-PDA

DATE

31 July 2013

ABS TECHNICAL OFFICE

Gdynia Engineering Department

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
SIEMENS AG; I IA CE - D-92220 AMBERG

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

PRODUCT: **Contactor, Electrical**

MODEL: **SIRIUS 3RH1/ 3RH19, 3RT1/ 3RT19**

This Product Design Assessment (PDA) Certificate 08-HG334432-1-PDA, dated 31/Jul/2013 remains valid until 30/Jul/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING


Jaroslaw Kondracki
Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned manufacturing process without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

SIEMENS AG; I IA CE

WERNER-VON-SIEMENS-STR. 48
D-92220 AMBERG
Germany
Telephone: +49-(0)9621-80-0
Fax: +49-(0)9621-80-3141
Email: kulzer.gerhard@siemens.com
Web: www.siemens.com

- 1.) Siemens AG, I IA CE
- 2.) Siemens Energy and Automation, Inc.
Bellefontaine/ U.S.A.
- 3.) Siemens Eletroeletronica SA, Manaus/ Brazil
- 4.) Siemens NST Trutnov/ Czech Republic
- 5.) Siemens SAN. ve Tic. A.S, Kartal/Turkey
- 6.) Siemens Industry, Inc, Southaven/USA

PRODUCT:

Contactor, Electrical

MODEL:

SIRIUS 3RH1/ 3RH19, 3RT1/ 3RT19



Intended Service:

Fixed mounted air/ vacuum breaking contactor and contactor relays for installation in electrical switchboards and panels.

Description:

Moulded case contactors/ contactor relays and auxiliary switch, surge suppressor, solid-state time relay block, interface, isolator module, links for paralleling and terminal cover accessories.

Ratings:

Rated Operating Voltage: 24-600V AC, 12-250 V DC, 21-600V AC/ DC,
3RT Ratings at 400V: 1.5-250kW.

Service Restriction:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

Not Applicable.

Notes / Drawings / Documentation:

This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

Term of Validity:

This Product Design Assessment (PDA) Certificate 08-HG334432-1-PDA, dated 31/Jul/2013 remains valid until 30/Jul/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

STANDARDS

SIEMENS AG; I IA CE

ABS Rules:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The Rules applicable to this assessment: ABS Rules for Building and Classing Steel Vessels 2013, 1-1-4/7.7, 4-8-3/1.7/1.17, 4-8-3/5.3.3

National:

NA

International:

IEC 60947

Government Authority:

NA

EUMED:

NA

Others:

NA

