



Lloyd's
Register

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 supersedes certificate number 15/20005 (E1) issued on 07 June 2016 which is hereby cancelled.

This certificate is issued to:

PRODUCER

Siemens AG
Low Voltage
Siemensstr. 10
93055 Regensburg
Germany

DESCRIPTION

Load break switch SENTRON 3VA

TYPE

3VA1①②-1AA③④

① Model type / frame size: 1 = 160A, 2 = 250A

② Rated current: 63, 80, 10, 12, 16, 25*

(* only 250A version)

③ Number of poles: 3, 4

④ Connection technology: 2, 6

3VM1①②-1AA③④

① Model type / frame size: 1 = 160A, 2 = 250A

② Rated current: 63, 80, 10, 12, 16, 25*

(* only 250A version)

③ Number of poles: 3, 4

④ Connection technology: 2, 6

Certificate No.

15/20005 (E2)

Issue Date

07 March 2019

Expiry Date

11 February 2020

Sheet

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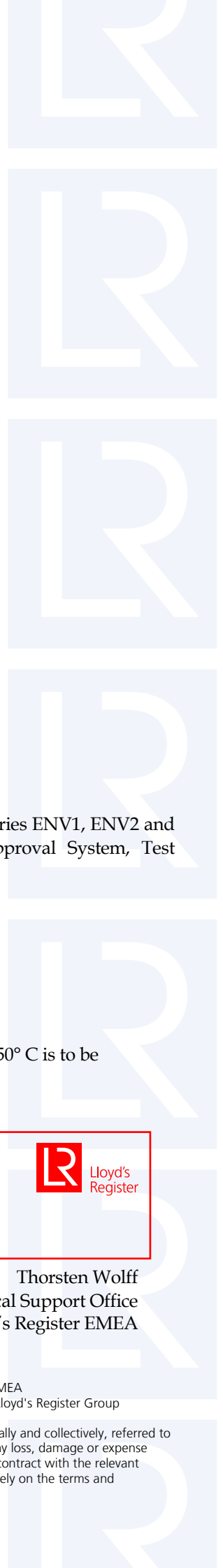
LR031.1.2016.06

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TYPE continued

3VA1①②-1AA③④

- ① Model type / frame size: 3 = 400A, 4 = 630A
- ② Rated current: 40, 63*
(* only 630A version)
- ③ Number of poles: 3, 4
- ④ Connection technology: 2

3VM1①②-1AA③④

- ① Model type / frame size: 3 = 400A, 4 = 630A
- ② Rated current: 40, 63*
(* only 630A version)
- ③ Number of poles: 3, 4
- ④ Connection technology: 2

3VA1①②-1AA③④

- ① Model type / frame size: 5 = 1000A
- ② Rated current: 80, 10
- ③ Number of poles: 3
- ④ Connection technology: 2

Accessories: 3VA9, 3VM9, 3VW9, 8UD

APPLICATION

Marine applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2013.

ADDITIONAL TEST

Low temperature (-25°C/16hrs)

STANDARD

IEC 60947-1: 2007; A1: 2010; A2: 2014
IEC 60947-3: 2008; A1: 2012; A2: 2015
IEC 60947-5-1: 2016

OTHER CONDITIONS

Correction factor for ambient air temperature above 50° C is to be obtained from manufacturer.

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 Hamburg Technical Support Office Office
 Lloyd's Register Deutschland GmbH
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**PLACES OF
PRODUCTION**

OEZ s.r.o.
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561 51 Letohrad
Czech Republic

Siemens Electrical Apparatus Ltd. Suzhou
No.455, Zhu Jiang Road,
New District, Suzhou, Jiangsu province,
P.R. China

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 37932-19 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Lloyd's Register Deutschland GmbH



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