



Marine & Offshore
Division

Certificate number: 05846/F0 BV

File number: ACE 02/008/32

Product code: 2633H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

SCHNEIDER ELECTRIC INDUSTRIES SAS

Grenoble - FRANCE

for the type of product

CIRCUIT BREAKERS (LOW VOLTAGE)

Circuit breakers "Compact NS": NS 80H-MA.

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.

IEC 60947-1 (2007) , IEC 60947-2 (2006).

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 18 Jan 2021

For BUREAU VERITAS,

At BV LYON, on 18 Jan 2016,

Jean-Marc Cabuzel



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarpm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=k1cxloh7ra>

BV Mod. Ad.E 530 October 2014

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Product type	Number of poles	Rated voltage	Maximum operating current	Breaking capacity (kA)	
				Icu/Ics	Ue
Circuit breakers "Compact NS"	3	750V	80A	100/100	220-240V
NS 80H-MA				70/70	320-415V
				65/65	440V
				25/25	500V
				25/25	525V
				6/6	690V

2. DOCUMENTS AND DRAWINGS :

Merlin Gerin catalogue ref. LVPED 20801EN dated 04/2009.

3. TEST REPORTS :

- Volta Test report n° A20030085b dated 30-04-2003
- Asefa Test Report n° F01 2006-0682-00 dated 18-01-2007
- Asefa / L2E Test Report n° F01 2006-0849-00 dated 07-09-2007

4. APPLICATION / LIMITATION :

According to BV Rules for the Classification of Steel Ships.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by **Schneider Electric Industries SAS** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320.

5.3 - **Schneider Electric Industries SAS** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products :

**PRODIPACT
103 avenue Ampère
73800 FRANCIN
FRANCE**

6. MARKING OF PRODUCT :

- 6.1 - Trade name.
- 6.2 - Date of manufacture and serial number.
- 6.3 - Equipment type or model identification under which it was type-tested

7. OTHERS :

7.1 - This approval is given under the understanding that the Society reserves the right to require check test to be carried out on the approved equipment at any time and that, **Schneider Electric Industries SAS**, will accept full responsibility for informing purchasers of the condition of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 05846/E0 BV issued on 19/03/2010 by the Society.

*** END OF CERTIFICATE ***