



Marine & Offshore

Certificate number: 34074/B0 BV

File number: ACE 15/280/08

Product code: 2661H

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

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

SCHNEIDER ELECTRIC INDUSTRIES SA

Sarre-Union - FRANCE

for the type of product

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)

Series: SPACIAL NSYS3D, SPACIAL NSYS3DEX, SPACIAL NSYSBS, SPACIAL NSYS3DM and SPACIAL NSYVDM.

Requirements:

BV Rules for the Classification of Steel Ships.

IEC 60529 (2013)

IEC 62208 (2011)

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate is a renewal of certificate N° 34074/A1 BV expiring on 23/05/2018

This certificate will expire on: 23 May 2023

For Bureau Veritas Marine & Offshore,

At BV MULHOUSE, on 12 Mar 2018,

Alain Kinnen



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 Marine & Offshore. 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 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 Marine & Offshore 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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

STEEL BOXES

Series :

SPACIAL NSYS3D, SPACIAL NSYS3DEX, SPACIAL NSYSBS, SPACIAL NSYS3DM, SPACIAL NSYVDM

Specifications:

SPACIAL NSYS3D	Standard Boxes (single door) - IP 66 Standard Boxes (double door) - IP 55 VA Boxes (single door) - IP 66
SPACIAL NSYSBS	Boxes - IP 66
SPACIAL NSYS3DM	(single door) - IP 66
SPACIAL NSYVDM	(single door) - IP 66
SPACIAL NSYS3DEX	(single door) - IP 66

Products List:

Reference N° 12815/B1 BV endorsed by Bureau Veritas and containing all Steel Boxes references.

2. DOCUMENTS AND DRAWINGS:

- Product Reference List N° 12815/B1 BV.

3. TEST REPORTS:

3.1 - LCIE Test Report N° 36209 020 dated 22/Jul./2002.

3.2 - LCIE Test Report N° 6056820-557658 CR 2008-04-21 dated 21/Apr./2008.

3.3 - ATEX Certificates:

- N° LCIE 02 ATEX 0037 U, dated 10/Dec./2002: Exe II, IP 6X

- N° LCIE 02 ATEX 0037 U/01, dated 6/Oct./2007: Ex e II and Ex tD A21 IP 6X

4. APPLICATION / LIMITATION:

4.1 - According to BV Rules for the Classification of Steel Ships.

4.2 - IEC 60092 series.

4.3 - Intrinsically Safety Type Steel Boxes Ex e II, IP 6X may be used in areas considered as dangerous due to the presence of flammable or explosive gases or vapours corresponding to the group II defined in IEC Classification, in accordance with Ex certificates in Clause 3.3 above.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE) are to be supplied by **SCHNEIDER ELECTRIC INDUSTRIES SA** 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 and as such does not require a BV product certificate.

5.3 - **SCHNEIDER ELECTRIC INDUSTRIES SA** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **SCHNEIDER ELECTRIC INDUSTRIES SA** has declared to Bureau Veritas the following production site(s):

SCHNEIDER ELECTRIC INDUSTRIES SA
52 rue de Phalsbourg
BP 106
67269 Sarre-Union
FRANCE

6. MARKING OF PRODUCT:

- Maker's name or trade mark.

- Serial number of the units.

- Equipment type number or model identification under which it was type-tested.

- Ex marking, as relevant.

7. OTHERS:

7.1 - It is **SCHNEIDER ELECTRIC INDUSTRIES SA**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 34074/A1 BV issued on 13 Sep 2013 by the Society.

***** END OF CERTIFICATE *****