



Marine & Offshore

Certificate number: 03302/H0 BV

File number: ACE 02/003/30

Product code: 2643H

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 SAS

Angouleme - FRANCE

for the type of product

CONTROL AUXILIARIES

Type: XCK -J/L/M

Requirements:

BV Rules for the Classification of Steel Ships.
IEC 60947-5-1 (05/2016) + AC1 (07/2016)

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 will expire on: 21 Dec 2022

For Bureau Veritas Marine & Offshore,

At BV BORDEAUX, on 21 Dec 2017,

Gabriel ZIMMER



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:

Product type	Number of poles	Rated voltage (V)	Maximum operating current (A)	Breaking capacity (kA)	Remarks
Position switches Interrupteurs de position X C K - J X C K - L X C K - M		Rated insulating voltage 500 V	Rated thermal current 10 A	See Manufacturer catalogue	Characteristics following: IEC 60947-5.1 with contacts XE2SP.. or XE2NP..

2. DOCUMENTS AND DRAWINGS:

According to documents filed in ACE 02/003/30.

3. TEST REPORTS:

3.1 - BVN Test report N°: 230 573/BDX/83/1.

3.2 - Schneider test reports N°:

3.2.1 - 08-3511 dated 04/Feb./2009

3.2.2 - 07-2637 dated 12/Nov./2007

3.2.3 - 04-2118 dated 02/Sep./2004

3.2.4 - 03-2505 dated 03/Dec./2003

3.2.5 - 03-2506 dated 03/Dec./2003

3.2.6 - 03-2378 dated 02/Dec./2003

3.2.7 - 03-2375 dated 02/Dec./2003

3.2.8 - 03-2376 dated 03/Dec./2003

3.2.9 - 03-1406 dated 30/Jul./2003

4. APPLICATION / LIMITATION:

BV Rules for the Classification of Steel Ships.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The types **XCK-J, -L, -M** 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 and as such does not require a BV product certificate.

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.

5.4 - For information, **Schneider Electric Industries SAS** has declared to Bureau Veritas the following production site(s):

SCHNEIDER ELECTRIC INDUSTRIES SA

Z. I. Nord

52 Rue de Dion Bouton

87280 LIMOGES - FRANCE

&

PT SCHNEIDER ELECTRIC MANUFACTURING BATAM

BATAMINDO INDUSTRIAL PARK

JL BERINGIN LOT 1

MUKA KUNING

BATAM ISLAND

INDONESIA

6. MARKING OF PRODUCT:

- According to IEC 60947-5-1 Specifications.
- Trade mark Telemecanique.

7. OTHERS:

7.1 - It is **Schneider Electric Industries SAS, France'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° 03302/G0 BV issued on 17 Dec. 2012 by the Society.

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