



Marine & Offshore

Certificate number: 32891/C0 BV

File number: ACE15/770/1

Product code: 2661D

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 S.A.S.

RUEIL MALMAISON - FRANCE

for the type of product

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)

Spacial SBM series.

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships and Naval 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 will expire on: 30 Dec 2026

For Bureau Veritas Marine & Offshore,

At BV BILBAO, on 30 Dec 2021,

Juan Jose GUTIERREZ GARCIA



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.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Steel industrial boxes: **SBM, SBMC, SBMB.**

1.1. Technical Specification

Material:	Sheet steel
IP rating:	IP66, IP55
Mechanical protection rating:	IK10, IK08
Maximum load:	50kg/m ²

1.2. Product Range

Height (mm)	Width (mm)	Depth(mm)	SBM	SBMC	SBMB
150	150	80	A	N/A	N/A
		120	A	N/A	N/A
	200	80	A	N/A	N/A
		120	A	N/A	N/A
	300	80	A	N/A	N/A
		120	A	A	N/A
	400	80	A	N/A	N/A
		120	A	A	N/A
200	200	80	A	N/A	N/A
		120	A	N/A	N/A
	300	80	A	N/A	N/A
		120	A	A	A
	400	80	A	N/A	N/A
		120	A	A	A
	500	80	A	N/A	N/A
		120	A	N/A	N/A
	600	80	A	N/A	N/A
		120	A	A	A
	800	120	A	A	A
300	300	120	A	A	N/A
	400	120	A	A	N/A
	500	120	A	N/A	N/A
	600	120	A	A	N/A
	800	120	A	A	N/A
400	400	120	A	A	N/A
	500	120	A	N/A	N/A
	600	120	A	A	N/A
	800	120	A	A	N/A

A: Applicable, N/A: Non applicable.

2. DOCUMENTS AND DRAWINGS:

Manufacturer documentation N°SBM101 Version 1.0, dated 22/10/2012.

Extract of catalogue ref. UE16MK15 EN , dated Sep.2016.

3. TEST REPORTS:

IEC:

- Test Report N°28215997 001, dated 2012-12-10.
- Certificate No. HU-001095-M1, dated 19.Sep.2016.

CPRI:

- Test Report N°EVRC.DYN.109.1213, dated 11.10.2012
- Test Report N°EVRC.DYN.136.1213, dated 31.10.2012
- Test Report N°EVCR.DYN.073.1213, dated 11.10.2012

Applus laboratories:

- Vibration test report ref. 16/3170789M1, dated 16.Sep.2016.

4. APPLICATION / LIMITATION:

4.1 - BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships.

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - BUREAU VERITAS Environmental Category, **EC Code: 31**

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above cabinets are to be supplied by **SCHNEIDER ELECTRIC INDUSTRIES S.A.S** in accordance with the type described in this certificate.

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

6. MARKING OF PRODUCT:

6.1 - Maker's name or trade mark.

6.2 - Serial number of the units.

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

7. OTHERS:

7.1 - It is **SCHNEIDER ELECTRIC INDUSTRIES S.A.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 No. 32891/B0 BV issued on 25 Jan 2017. by the Society.

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