



Marine & Offshore

Certificate number: 63195/A0 BV

File number: MPA2002566

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

IDE ELECTRIC S.L.

ZUERA (ZRG) - SPAIN

for the type of product

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)

Types: ENL, FSC, BIG series

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.
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: 05 Nov 2027

For Bureau Veritas Marine & Offshore,

At BV BILBAO, on 05 Nov 2022,

Juan jose GUTIERREZ GARCIA

This certificate was created electronically and is valid without signature



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 floor-standing cabinets: **ENL**, **FSC**, **BIG**.

ENL are IP55 steel floor-standing combinable cabinets.

FSC are IP65 steel floor-standing semi-compact cabinets.

BIG are IP65 steel floor-standing compact cabinets.

1.1 - ENL Technical Specifications:

Material:	Cold-rolled steel
Dimensions:	Height: 1650, 1800, 2000, 2200mm Width: 600, 800, 1000mm Depth: 400, 500, 600, 800, 1000mm
Degree of protection:	IP55 (single and double doors cabinets)
Resistance to impact:	IK10 (enclosure and opaque doors) IK09 (transparent doors)
Ambient temperature range:	-5°C up to +40°C

1.2 - FSC Technical Specifications:

Material:	Cold-rolled steel
Dimensions:	Height: 1650, 1800, 2000mm Width: 600, 800, 1000mm Depth: 400, 500mm
Degree of protection:	IP65 (single-doors cabinets)
Resistance to impact:	IK10 (enclosure and opaque doors) IK09 (transparent doors)
Ambient temperature range:	-5°C up to +40°C

1.3 - BIG Technical Specifications:

Material:	Cold-rolled steel
Dimensions:	Height: 1650, 1800, 2000mm Width: 600, 800, 1000mm Depth: 400, 500mm
Degree of protection:	IP65 (single-doors cabinets)
Resistance to impact:	IK10 (enclosure and opaque doors)
Ambient temperature range:	-5°C up to +40°C

2. DOCUMENTS AND DRAWINGS:

ENL specifications 1st edition, dated 2021.

FSC specifications 1st edition, dated 2021.

BIG specifications 1st edition, dated 2021.

3. TEST REPORTS:

VDE Pruef- und Zertifizierungsinstitut GmbH:

Test report N° 265742-TL7-2, dated 09 Feb 2021.

4. APPLICATION / LIMITATION:

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

4.2 - The products have to be installed in indoor locations.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above products are to be supplied by **IDE ELECTRIC S.L.** 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 - **IDE ELECTRIC S.L.** 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, **IDE ELECTRIC S.L.** has declared to Bureau Veritas the following production site:

IDE ELECTRIC S.L.
C/ LEONARDO DA VINCI N° 2
50800 ZUERA (ZRG)
SPAIN
SPAIN

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:

It is **IDE ELECTRIC S.L.** 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.

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