



MARINE DIVISION

Certificate number: 04880/F0 BV

File number: ACE 15/681/01

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

RITTAL GmbH & Co. KG
- GERMANY

for the type of product

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)

AE, EB, KL and KS series

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

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: 12 Sep 2018

For BUREAU VERITAS,

At BV HAMBURG, on 12 Sep 2013,

Dirk Hoepfner



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 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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

The AE, EB, KL and KS series are empty cabinets.

Types/series	Description
AE (AE-EMV, CP-AE, DK-AE)	Single or double door, steel sheath cabinets or stainless steel cabinets
EB	
KL	
KS	Single or double door, polyester cabinets

Degree of protection: IP54, IP55 or IP66.

2. DOCUMENTS AND DRAWINGS:

- Rittal catalogue 29
- Catalogue 33 Edition 2011/2012 dated 12.2011

3. TEST REPORTS:

VDE: 6312 dated 01/07/1996

4. APPLICATION / LIMITATION:

According to Bureau Veritas Rules and Regulations for the Classification of Steel Ships.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **RITTAL GmbH & Co. KG** 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 - **RITTAL GmbH & Co. KG** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products:

RITTAL RWG GmbH & Co. KG
Auf dem Stützelberg
35745 Herborn - Germany

RITTAL RGS GmbH
Dietzhölzstrasse
35713 Eschenburg-Wissenbach - Germany

For KS series:
AZUR S.A.
BD. Constructorilor 3-5
300571 Timisoara - Romania

5.4 - Equipment is to be supplied with its manual (s) for installation, use and maintenance.

6. MARKING OF PRODUCT:

- Maker's name or trade mark.
- Equipment type or model identification.
- Date of manufacture and/or serial number.

7. OTHERS:

7.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the units at any time and that **RITTAL GmbH & Co. KG - Germany**, will accept full responsibility for informing shipbuilders, ship owners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 04880/E2 BV issued on 24 Feb 2012 by the Society.

*** END OF CERTIFICATE ***