

MARINE DIVISION
17 Bis Place des Reflets - La Défense 2
92400 Courbevoie - France
Tel. 33 1 42 91 53 48
Fax 33 1 42 91 28 94



Certificate N°:
04880/DO BV
The attached Schedule forms part of the certificate
File Number : ACE 15/681/01
Product Code : 2661H



CERTIFICATE OF TYPE APPROVAL

This is to certify that the product identified below was found to be in compliance with the relevant hereunder stated Regulations & standards

ENCLOSURES / CABINETS / BOXES (LOW VOLTAGE)
PS 4000 - ES 5000 - EL - KL - KS - AS - EB - AK - AE - VR - AP - VIP 6000.

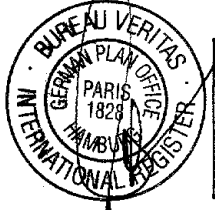
MANUFACTURED BY:

RITTAL GmbH
Herborn - GERMANY

SPECIFIED REGULATIONS & STANDARDS :
BV Rules for the Classification of Steel Ships.

The Approval is valid until : 23.04.2008

BUREAU VERITAS HAMBURG



At Paris la Défense, on : 23.04.2003

J. BENOIT
For the Secretary

This Certificate remains valid until the date stated on, hereunder, unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory into service.

This Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested.

This Certificate is not valid without the stamp of the above mentioned by BUREAU VERITAS Inspection Center.

The manufacturer should notify BUREAU VERITAS of any modification or changes to the equipment in order to obtain a valid Certificate.

The latest published Regulations or Standards referred to, above, and the Marine Division General Conditions are applicable.



**BUREAU
VERITAS**
MARINE DIVISION

File Number : ACE 15/681/01

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Empty single or double door, steel sheath cabinets or stainless steel cabinets.

- **PS 4000** (PS, DK-PS, MC, PS-EMV, PC, IVS)
- **ES 5000** (ES, ES-EMV, IVS)
- **EL** (EL, CP-EL, EL-EMV, DK-EL)
- **KL**.

Empty single or double door, polyester cabinets.

- **KS**

Empty single or double door, steel sheath cabinets or stainless steel cabinets.

- **AS**
- **EB**
- **AK**
- **AE** (AE-EMV, CP-AE, DK-AE)

Empty single door, rack system, steel sheath cabinets.

- **VR**

Empty console system, steel sheath cabinets or stainless steel cabinets.

- **AP**

Empty command panel, aluminium cabinets.

- **VIP 6000**.

2. DESIGN DRAWINGS and/or SPECIFICATIONS

As per Rittal catalogue 29.

3. TYPE TEST REPORTS / LABORATORY RECOGNITION STATUS

VDE test reports 6312 dated 01/07/1996.

4. MATERIALS and/or COMPONENTS REQUIRED TO BE TYPE APPROVED

Nil.

5. OTHER MATERIALS and/or COMPONENTS

Nil.

6. APPLICATION / LIMITATION OF USE

BV Rules for the Classification of Steel Ships.

7. PRODUCTION SURVEY REQUIREMENTS

7.1 - Arrangements shall be made for a Society's Surveyor to carry out, on a periodic basis, visit of the Manufacturer's premises and product audits.

7.2 - Each equipment is to be supplied with its manual (s) for installation, use and maintenance.

8. ON BOARD INSTALLATION & MAINTENANCE REQUIREMENTS

BV Rules for the Classification of Steel Ships.

9. MARKING FOR IDENTIFICATION

- Maker's name or trade mark.
- Serial number of the units.
- Equipment type number or model identification under which it was type-tested.

10. OTHERS

10.1 - 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, Herborn - Germany &**

<p>RITTAL India Private Ltd. N°s 23 & 24 Kiadb / Industrial Area Veerapura Doddaballapur 561 203 Bangalore District</p> <p>Contact person: - Mr. Arun Nathan / Managing Director Tel: +91 8119 22335 Fax: +91 8119 23343 E-mail: Nathan@rittal-india.com</p>

will accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval.

10.2 - This Certificate supersedes the Type Approval Certificate N° 04880/C2 BV issued on 16/11/2001 by the Society.

***** Last page (End of Document) *****

BUREAU VERITAS HAMBURG