



MARINE DIVISION

Certificate number: 03791/F0 BV

File number: ACE 02/062/03

Product code: 2631H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

LEGRAND FRANCE- LIMOGES
LIMOGES - FRANCE

for the type of product

SWITCHES (LOW VOLTAGE)

Switch-disconnectors & Distributors Type: VISTOP series.

Requirements:

BV Rules for the Classification of Steel Ships.
IEC 60947-3.

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: 28 Feb 2018

For BUREAU VERITAS,

At BV BORDEAUX, on 28 Feb 2013,

Raphael Garnier



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:

<i>Product Type</i>	<i>Number of poles</i>	<i>Rated voltage (V)</i>	<i>Maximum operating current (A)</i>	<i>Breaking capacity (kA)</i>	<i>Remark</i>
Switch-disconnectors (interrupteurs-sectionneurs) "VISTOP"		c.a. Ue	Thermal		Ui = 1000 V
32A	2-3-4	690	32		
63A	3-4	690	63		
100A	3-4	690	100		
160A	3-4	690	160		
125A	3-4	690	125		

2. DOCUMENTS AND DRAWINGS:

According to catalogue 2007

3. TEST REPORTS:

- **Legrand** reports N°s:

- 5405-92
- 5406-92
- 5212.90
- 5209-90
- 5212-90
- 5-88-02-09-25
- 5-87-01-07-02
- 5-87-07-10-128
- 5-86-11-25-127
- E00081.29.1 (2006)
- E00271.26.1 (2006)
- E00271.26.1 (2006)

- **LCIE** report N°:

- 379 936 B

4. APPLICATION / LIMITATION:

BV Rules for the Classification of Steel Ships.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above products are to be supplied by **LEGRAND FRANCE** in accordance with the type described in this certificate and Bureau Veritas Rules for the Classification of Steel Ships.

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

5.3 - **LEGRAND FRANCE** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products:

LEGRAND FRANCE
128 Avenue du MI De Lattre De Tassigny
87045 - LIMOGES CEDEX
FRANCE

6. MARKING OF PRODUCT:

According to IEC 60947-3 specifications.

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 **LEGRAND FRANCE, (LIMOGES - FRANCE)** 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.

7.2 - This certificate supersedes the Type Approval Certificate N° 03791/E0 BV issued on 01/10/2007 by the Society.

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