



Marine &amp; Offshore

Certificate number: 03915/H0 BV

File number: AP 0791

Product code: 3812H

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

**REGULATEURS GEORGIN**  
CHATILLON CEDEX - FRANCE

for the type of product

**TEMPERATURE SENSORS / PROBES / TRANSDUCERS**  
TEMPERATURE SWITCHES B - C - DCB

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.

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 is a renewal of certificate N° 03915/G0 BV expiring on 10/12/2019

**This certificate will expire on: 10 Dec 2024**

For Bureau Veritas Marine & Offshore,

At BV SAINT-NAZAIRE, on 10 Dec 2019,

Francois LOPINOT



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.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

"TEMPERATURE SWITCHES"

Series: B - C - DCB.

### 2. DOCUMENTS AND DRAWINGS:

**For modification H0 version:**

SPECIFICATION ref.fc-p-en, dated 29-05-2019.

Drawing Ref.MMPC-001, dated 04-10- 2019

### 3. TEST REPORTS:

Test report filed under AP 0791. Society's witnessing to test had been carried out.

### 4. APPLICATION / LIMITATION:

4.1 - BV Rules for the Classification of Steel Ships.

4.2 - According to pamphlet TP 10 (6-86), fitted with "on" "off" switches 6-34-54-18-20-96-106 (excluding mercury contact types) or with pneumatic valves YT1, YT3, YA1, YA3 (pamphlet TP11 1.85).

4.3 - Following accessories can be used optionally: reinforced mounting plate, electrical connections "ENTRELEC", ball bearing mounted beam, adjustment by knurled knobs. Locking device for setting screws.

4.4 - The standard cases are to be fitted with metal stuffing boxes with cable stop device.

4.5 - Approval also valid for ships to be granted with the notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.6 - The equipment, once installed on board ship, is to be tested in accordance with the above referred Regulations under the supervision of a Society's Surveyor.

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

### 5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above products are to be supplied by **REGULATEURS GEORGIN** 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 and as such does not require a BV product certificate.

5.3 - **REGULATEURS GEORGIN** 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, **REGULATEURS GEORGIN** has declared to Bureau Veritas the following production site(s):

**REGULATEURS GEORGIN  
14/16 RUE PIERRE SEMARD  
BP 107  
92323 CHATILLON CEDEX  
FRANCE**

### 6. MARKING OF PRODUCT:

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

### 7. OTHERS:

7.1 - It is **REGULATEURS GEORGIN'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 N° 03915/G0 BV issued on 10 Dec 2014 by the Society.

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