



Marine & Offshore  
Division

Certificate number: 14097/C0 BV  
File number: ACE 02/007/20  
Product code: 2631H

*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*

**LEGRAND France Strasbourg**  
Strasbourg - FRANCE

*for the type of product*

**SWITCHES (LOW VOLTAGE)**  
ROTARY SWITCHES PR12 / PR17 / PR21 / PR26 / PR40 / PR63

**Requirements:**

BV Rules for the Classification of Steel Ships.

IEC 60947-3 (2008) + A1 (2012)

*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: 21 Apr 2020**

For BUREAU VERITAS,  
At BV MULHOUSE, on 21 Apr 2015,  
Alain Kinnen



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 & Offshore 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 :

Product model or type designation:

Type: PR 12, PR 17, PR 21, PR 26, PR 40, PR 63.

Product description:

Rotary switches

	Maximum operating current (Amperes)	Rated voltage (volt)
PR 12	12	500 AC.
PR 17	20	690 AC.
PR 21	25	690 AC.
PR 26	32	690 AC.
PR 40	50	690 AC.
PR 63	63	690 AC.

### 2. DOCUMENTS AND DRAWINGS :

According to the Manufacturer's catalogue.

Documents filled in ACE02/007/20, ACE02/007/24, and ACE02/007/25.

### 3. TEST REPORTS :

According to LEGRAND test reports N°s:

- BV MLH 2121800 dated 28.01.2010.
- BV MLH 11960035G.R.AK/MG.
- BV 195001/B dated 21.12.1994.
- BVN 207 031/J dated 09.07.1998.

The above tests were witnessed by a Society's Surveyor.

IEC:

- IEC EE CB Scheme No. FR 629578C (BACO) according to IEC 60947-3, dated 2013-02-05
- IEC EE CB Scheme No. FR 629578D (LEGRAND) according to IEC 60947-3, dated 2013-02-05

Legrand:

- Test report No. 1105 RE 764 according to IEC 60947-3, dated 2015-03-06, witnessed by Bureau Veritas.

### 4. APPLICATION / LIMITATION :

4.1 - BV Rules for the Classification of Steel Ships.

4.2 - Approval also valid for ships to be granted with notation: AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.

### 5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by LEGRAND, Strasbourg - France 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 - LEGRAND, Strasbourg - 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  
290 Avenue de Colmar  
BP 101  
67024 Strasbourg  
FRANCE

**6. MARKING OF PRODUCT :**

According to IEC 60947-3.

Trademark: LEGRAND or BACO.

**7. OTHERS :**

7.1 - This approval is given with 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, Strasbourg -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 No. 14097/B0 BV issued on 30 Mar 2010 by the Society.

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