



# TYPE APPROVAL CERTIFICATE

**Certificate No.** : MIL39390-AC006 **Initial Approval :** 27th June, 2019  
**Product** : Touch Screen Control Panel  
**Manufacturer** : B&R Industrial Automation GmbH  
B&R Strasse 1 5142 Eggelsberg Austria

**Product Description** : Type : 6PPT30 Panel Series

" See Appendix 1 "

**Approval Condition** : " See Appendix 1 "

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 2, Art. 301 of the Rules for Classification, Steel Ships.

This Certificate is valid until 26th June, 2024

Issued at Busan, Korea on 27th June, 2019



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No (ME19016891335) and certificate No.(MIL39390-AC006).



**KOREAN REGISTER OF SHIPPING**

*General Manager of  
Marine & Ocean Equipment Team*

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
  2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
  3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
  4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

**Appendix 1**

**Product Description and/or Approval Condition**

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**Date of Issue :** 27th June, 2019

**A. Product Description**

**1. Product Specification**

- 1) Equipment description  
6PPT30 Panel is Touch screen control panel, operating/monitoring devices and can be assembled to meet individual requirements and operating conditions interface with Programmable logic controllers (PLCs).
- 2) Equipment comprising
  - Display unit : 6PPT30.043x-20x, 6PPT30.057x-20x  
6PPT30.070x-20x, 6PPT30.101x-20x
- 3) Options
  - Compact flash card : 0CFGRD.0xxxE.01, 5CFGRD.xxxx-0x

**2. Approved Drawings and Documents**

- 1) Drawing & Manual
  - Power Panel T30 V1.30

**3. Test Reports, etc.**

- 1) Environmental & EMC Test
  - C42499-00-00FT, C42503-00-00FT  
E42500-00-00AR, E42501-00-00AR
- 2) Performance Test
  - E42500-00-00AR, E42501-00-00AR

**B. Approval Condition**

**1. Application & Limitation**

- 1) This Approval is granted on the basis of the test reports and the approved documentation.
- 2) Degree of protection shall be complied with Rule Pt.6 Ch.1 Sec.2 201.2.(5).
- 3) The manufacturer should inform this Society of all kinds of revisions of the equipment. If the changes are recognized to affect functionality of the approved equipment, type test to confirm the reliability of the revised equipment may be performed in the presence of our surveyor.
- 4) The product is to be installed as manufacturer's instructions.

**2. Individual Product Cert. and Drawing Approval Requirement**

- 1) Individual Product Certification is not required.

**3. Marking**

- 1) The product or packing is to be marked with manufacturer name and type designation on a suitable position.

**4. Others**

- 1) Test condition

Test	Condition	Remark
EMC	All locations including the bridge and deck zone	-
Temperature	+5 ~ +70°C	-
Vibration	Acceleration ±0.7g	-

< End of Certificate >